

Bibliography/Bibliographie

Arctic and Marine Oilspill Program (AMOP) Technical Seminar
Colloque technique de Programme de lutte contre
les déversements d'hydrocarbures en mer et dans l'Arctique
1978 – 2007

Technical Seminar on Chemical Spills (TSOCS)
Colloque technique sur les déversements de produits chimiques
1983-2007

Technical Seminar for Phytoremediation/Biotechnology Solutions for Spills (PHYTO)
Colloque technique de phytoremédiation/Solutions en biotechnologie lors de
déversements
1999-2001

Technical Seminars on
Biotechnology Solutions for Spills (BIOSS) -
Biological Solutions for Site Remediation, Restoration, and Rehabilitation (BIOSOLR³)
Colloque technique sur les
Solutions en biotechnologie lors de déversements -
Solutions biologiques pour la dépollution, la restauration et la réhabilitation des sites
2002-2007

AMOP Technical Seminar on Environmental Contamination and Response
Colloque technique de l'AMOP - Contamination de l'environnement et intervention
2008-2014

Prepared by/Préparé par la
Emergencies Science and Technology Section/Section des Urgences - Science et
technologie
Science and Technology Branch/Direction générale des Sciences et technologies
Environment Canada/Environnement Canada
Ottawa (Ontario)

Table of Contents Table des matières

	<u>Pages</u>
Introduction	3
Part 1/Partie 1 AMOP 1978-2007 and/et BIOSOLR ³ 2002-2007	5-145
Part 2/Partie 2 TSOCS 1983-2007 and/et PHYTO 1999-2001	146-194
Part 3/Partie 3 AMOP Technical Seminar on Environmental Contamination and Response 2008-2014/ Colloque technique de l'AMOP - Contamination de l'environnement et intervention 2008-2014	195-244

Introduction

The Arctic and Marine Oilspill Program (AMOP) was a five-year technology program initiated by Environment Canada to develop oil spill countermeasures for Arctic waters. The first AMOP Technical Seminar was held in March 1978. Participants presented the results of their studies on oil spills in the Arctic and marine environments and began planning an ongoing program. Over the years, the AMOP Technical Seminar evolved into an international technical seminar about oil spills in any environment as well as other spill-related topics and environments.

Due to the success of the AMOP, a technical seminar on chemical-related topics was organized. In 1983, the first Technical Seminar on Chemical Spills (TSOCS) was held in conjunction with the AMOP Seminar and now includes counter-terrorism issues.

In 1999, the Technical Seminar for Phytoremediation/Biotechnology Solutions for Spills (PHYTO) was added to focus on the new and rapidly expanding area of environmental remediation. This seminar eventually changed to Biotechnology Solutions for Spills (BIOSS) and then to Biological Solutions for Site Remediation, Restoration, and Rehabilitation (BIOSOLR³). It became a session within the broadened scope of the AMOP Technical Seminar and BIOSS/BIOSOLR³ papers are therefore referenced to AMOP.

All papers in this bibliography are listed alphabetically by authors. Part 1 lists papers presented at the AMOP Technical Seminar from 1979 to 2007 as well as papers presented at the BIOSS and BIOSOLR³ Technical Seminars from 2002 to 2007. Part 2 lists papers presented at the TSOCS Technical Seminar from 1983 to 2007 and those presented at the PHYTO Technical Seminar from 1999 to 2001.

To remain at the forefront of the dynamic field of spill response, in 2008 all three Seminars were amalgamated into one under the new name AMOP Technical Seminar on Environmental Contamination and Response. A separate bibliography for the newly evolved AMOP Seminar will be produced, with the first being the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response which is included as Part 3 of this bibliography.

For additional copies of this bibliography, contact the Technical Seminar Coordinator at SpillSeminars@ec.gc.ca or call (613) 998-9622.

Introduction

À l'origine, le Programme de lutte contre les déversements d'hydrocarbures en mer et dans l'Arctique (AMOP) était un programme de cinq ans fondé sur les technologies et initié par Environnement Canada en vue d'élaborer des instruments de contre-mesure à l'égard des déversements de pétrole dans les eaux arctiques. Le premier Colloque technique de l'AMOP s'est tenu en mars 1978. Les participants y ont présenté les résultats de leurs études concernant les déversements d'hydrocarbures dans l'océan Arctique ainsi que dans les milieux marins et ont commencé à planifier un programme permanent. Au fil des ans, le Colloque technique de l'AMOP a évolué pour devenir un colloque technique international abordant le sujet des déversements d'hydrocarbures dans tout type d'environnement ainsi que les thèmes liés aux autres types de déversements et de milieux.

En raison du succès du Colloque de l'AMOP, un colloque technique similaire a été mis en place pour aborder les sujets liés aux déversements de produits chimiques. En 1983, le premier Colloque technique sur les déversements de produits chimiques (TSOCS) s'est tenu en parallèle du Colloque de l'AMOP et a intégré récemment les questions de contre-terrorisme.

En 1999, le Colloque technique de phytoremédiation (PHYTO)/Solutions en biotechnologie lors de déversements a été ajouté pour se concentrer sur le domaine nouveau et croissant de la rémédiation environnementale. Ce colloque a ensuite évolué pour s'intituler Solutions biotechnologiques lors de déversements (BIOSS) puis Solutions biologiques de dépollution, de restauration et de réhabilitation des sites (BIOSOLR3). Il s'est intégré à la portée élargie du Colloque technique de l'AMOP et les documents signés BIOSS/BIOSOLR3 sont par conséquent référencés sous l'AMOP.

Tous les articles de cette bibliographie sont énumérés par ordre alphabétique selon le nom des auteurs. La Partie 1 énumère les articles présentés au cours des Colloques techniques de l'AMOP entre 1979 et 2007 ainsi que les articles présentés aux Colloques techniques du BIOSS et du BIOSOLR3 entre 2002 et 2007. La Partie 2 énumère les articles présentés au cours des Colloques techniques du TSOCS entre 1983 et 2007 ainsi que ceux présentés au cours des Colloques techniques du PHYTO entre 1999 et 2001.

En 2008, afin de rester à la pointe de la lutte contre les déversements, les trois colloques ont été regroupés sous un seul nom, "Colloque technique de l'AMOP - Contamination de l'environnement et intervention". Une bibliographie distincte sera élaborée pour cette nouvelle version du Colloque de l'AMOP, le premier étant le 31e Colloque technique de l'AMOP - Contamination de l'environnement et intervention qui est inclus à la Partie 3 de la présente bibliographie.

Pour obtenir des exemplaires supplémentaires de cette bibliographie, veuillez communiquer avec le coordonnateur des colloques techniques à l'adresse SpillSeminars@ec.gc.ca ou par téléphone au 613-998-9622.

Part 1/Partie 1

Arctic and Marine Oilspill Program (AMOP) Technical Seminar

Colloque technique de Programme de lutte contre
les déversements d'hydrocarbures en mer et dans l'Arctique

1978 - 2007

and/et

The Technical Seminars on
Biotechnology Solutions for Spills (BIOSS) -
Biological Solutions for Site Remediation, Restoration,
and Rehabilitation (BIOSOLR³)

Colloques techniques sur les
Solutions en biotechnologie lors de déversements -
Solutions biologiques pour la dépollution, la restauration et
la réhabilitation des sites

2002-2007

Aaegesen, W., Stopping of Oil Spills from Tankers: Reducing Oil Spills Caused by Grounding and Collision Damages of Tankers Trading in Norwegian Waters, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 521-565, 1982.

Aamo, O.M. and H.V. Jensen, Operational Use of Ocean Surface Drifters for Tracking Spilled Oil, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1023-1030, 1997.

Aamo, O.M., M. Reed, P.S. Daling, and Ø. Johansen, A Laboratory-based Weathering Model: PC Version for Coupling to Transport Models, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 617-626, 1993.

Aamo, O.M., M. Reed, and A. Lewis, Regional Contingency Planning Using the OSCAR Oil Spill Contingency and Response Model, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 289-308, 1997.

Abbiss, T.P., D.I. Little, J.M. Baker, and P.J.C. Tibbetts, The Fate and Effects of Dispersant-treated Crude Oil Compared with Untreated Oil: Sheltered Intertidal Sediments, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 401-443, 1981.

Abdelnour, R., B. Roberts, W. Purves, and W.G. Wallace, A Field Evaluation of Oil Skimmers, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 253-280, 1980.

Abdelnour, R., T. Johnstone, and D. Howard, Laboratory Testing of an Oil Skimming Boom in Broken Ice Fields, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 131-148, 1985.

Ackman, R.G. and H. Heras, Tainting by Short-term Exposure of Atlantic Salmon to Water Soluble Petroleum Hydrocarbons, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 757-762, 1992.

Addassi, Y.N., In-situ Burning Policy Development for California: A Consensus Approach and Decision-making, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 243-252, 1997.

Akenhead, S., Fisheries Yield Response to an Offshore Oil Spill, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 463-475, 1982.

Aldrett, S., J.S. Bonner, M.A. Mills, T.J. McDonald, and R.L. Autenrieth, Biodegradation of Alaska North Slope Crude Oil Enhanced by Commercial Bioremediation Agents, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 631-646, 1996.

Allen, A.A., Alaskan Beaufort Sea Oilspill Response Body (ABSORB) Contingency Planning for the Arctic, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 557-580, 1980.

Allen, A.A., Oil Spill Demonstrations in Broken Ice Prudhoe Bay, Alaska - 1983, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 342-354, 1984.

Allen, A.A., Alaska Clean Seas Development of a Chemical Application Manual, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 563-579, 1986.

Allen, A.A., Alaska Clean Seas Survey and Analysis of Air-deployable Igniters, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 353-373, 1986.

Allen, A.A., Test and Evaluation of the Helitorch for the Ignition of Oil Slicks, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 243-265, 1987.

Allen, A.A., Comparison of Response Options for Offshore Oil Spills, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 289-306, 1988.

Allen, A.A., Contained Controlled Burning of Spilled Oil during the *Exxon Valdez* Spill, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 305-313, 1990.

Allen, A.A., New Tools and Techniques for Controlled In-situ Burning, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 613-628, 1999.

Allen, A.A., The Use of In-situ Burn Technology for the Control of Accidental Petroleum Fires on Water, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 903-916, 2000.

Allen, A.A. and W.G. Nelson, Canola Oil as a Substitute for Crude Oil in Cold Water Spill Tests, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-8, 1983.

Allen, A.A. and W. Simpson, Alaska Clean Seas Test and Evaluation of Fire Containment Boom, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 187-201, 1986.

Allen, A.A. and E.M. Fischer, Test and Evaluation of a New and Unique Fire Containment Boom, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 185-199, 1988.

Allen, A.A. and D.H. Dale, Dispersant Mission Planner: A Computerized Model for the Application of Chemical Dispersants on Oil Spills, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 393-414, 1995.

Allen-Jones, J., Design and Hydrodynamic Testing of an Oil Slick Containment System, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 469-497, 1997. An, C.-F., H.M. Brown, R.H. Goodman, and E.J. Clavelle, Animation of Boom Failure Processes, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1181-1188, 1997.

Anderson, E.L. and P. Atkinson, Implementation of Near Real Time Shoreline Wind Station Data for Oil Spill Trajectory Modelling: North Cape Spill, Rhode Island, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 739-744, 1996.

Anderson, E.L., E.M. Howlett, K. Jayko, V.S. Kolluru, M. Reed, and M.L. Spaulding, The Worldwide Oil Spill Model (WOSM) - An Overview, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 627-646, 1993.

Anderson, E.L., D.L. Mendelsohn, and E.M. Howlett, The Oilmapwin/WOSM Oil Spill Model: Application to Hindcast a River Spill, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 793-814, 1995.

Anderson, E.L., C.W. Galagan, E.M. Howlett, and D.S. Jensen, The On-scene Command and Control System (OCS²): An Integrated Incident Command System (ICS) Forms-database Management System and Oil Spill Trajectory and Fates Model, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 449-463, 1998.

Anderson, E.L., E.M. Howlett, C. Galagan, T. Giguere, F. Wee, and J. Chong, CMSMAP: Oil, Chemical, Search and Rescue, and Marine Emergency Response Crisis Management System, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1103-1113, 2002.

Anderson, J.W., S.L. Kiesser, R.M. Bean, R.G. Riley, and B.L. Thomas, Toxicity of Chemically Dispersed Oil to Shrimp Exposed to Constant and Decreasing Concentrations in a Flowing System, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 190-206, 1980.

Arita, M., M. Yamaguchi, S. Narita, K. Koyama, K. Ueda, and K. Izumiyama, Countermeasures for Oil Spills in Cold Waters - In the Case of Japan, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 265-270, 1998.

Armsworthy, S., P.J. Cranford, G.H. Tremblay, and K. Lee, Chronic Toxicity of Orimulsion to the Sea Scallop *Placopecten magellanicus*: Influences on Survival, Feeding, Digestion, and Growth, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1003-1022, 2000.

Arnan, F. and K.-F.V. Wong, Oil Spill Preparedness in Indonesia and the Surrounding Seas, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1195-1209, 1993.

Atlas, R.M. and J.R. Bragg, Assessing the Long-term Weathering of Petroleum on Shorelines: Uses of Conserved Components for Calibrating Loss and Bioremediation Potential, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 263-289, 2007.

Aurand, D.V., G.M. Coelho, J.R. Clark, and G.E. Bragin, Goals, Objectives and Design of a Mesocosm Experiment on the Environmental Consequences of Nearshore Dispersant Use, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 629-643, 1999.

Bader, G.P., Citizens Advisory Concept at Alyeska Pipeline Service Company, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 301-306, 1991.

Bagavathiannan, M.V., M.R. Broadley, S.J. Donnelly, R.J. Smith, and V. Mills, Studies on the Role of Heavy-metal Transporting P-type ATPase Family Gene(s) on Zinc (Zn) Transport and Accumulation in *Arabidopsis thaliana*, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 331-348, 2006.

Baker, J.M., R.B. Clark, P.F. Kingston, and R.H. Jenkins, Natural Recovery of Cold Water Marine Environments after an Oil Spill, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 173-177, 1990.

Baker, P., Development of an Environmental Sensitivity Atlas for Lake Superior's Canadian Shoreline Using Electronic Desktop Mapping, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 225-254, 1993.

Bakke, T., Experimental Long-term Oil Pollution in a Boreal Rocky Shore Environment, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 167-178, 1986.

Banta, J. and M. Munger, Community-based Oil Spill Response in Alaska, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, pp. 199-205, 2006.

Barakat, A.O., Y. Qian, M. Kim, and M.C. Kennicutt II, Compositional Changes of Aromatic Steroid Hydrocarbons in Naturally Weathered Oil Residues in the Egyptian Western Desert, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 477-488, 2002.

Bardot, C., C. Bodard, G. Castaing, and C. Gatellier, The Importance of a Dilution Process to Evaluate Effectiveness and Toxicity of Chemical Dispersants, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 179-201, 1984.

Barker, C.H. and D. Wesley, Modeling Potential Skimmer and Booming Strategy Effectiveness, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 397-419, 2004. Barron, M.G., Photoenhanced Toxicity of Oil in Spill Response and Impact Assessment, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 311-321, 2003.

Barron, M.G., J. Lipton, E.E. Little, and R.W. Ricker, Assessing the Photoenhanced Toxicity of Petroleum, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 1407, 1997.

Bassères, A., B. Verschuere, J.-P. Jacques, G. Holtzinger, and B. Tramier, A New Cleaning Product for Oiled Birds: Laboratory and Metabolic Tests and Initial Results of Field Tests, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 491-499, 1994.

Baustian, J.J., I.A. Mendelssohn, Q. Lin, J. Rapp, and J. Myers, Year-one Recovery of an Intermediate Marsh in South Louisiana after an In-situ Burn for Oil Spill Remediation, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 427-435, 2007.

Bearman, G., C. Robinson, M.L. Homer, and M.A. Ryan, Survey of Technologies Available to Detect Small Leaks on the Trans Alaska Pipeline, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 499-506, 2000.

Bech, C. and P. Sveum, Spreading of Oil in Snow - A Field Experiment, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 57-71, 1991.

Bech, C., P. Sveum, and I.A. Buist, In-situ Burning of Emulsions: The Effects of Varying Water Content and Degree of Evaporation, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 547-559, 1992.

Bech, C., P. Sveum, and I.A. Buist, The Effect of Wind, Ice and Waves on the In-situ Burning of Emulsions and Aged Oils, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 735-748, 1993.

Bech, C., C.C. Guénette, and P. Sveum, Evaporation of Crude Oil and Diesel from Beach Sediment, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 47-56, 1993.

Beegle-Krause, C.J., Advantages of Separating the Circulation Model and Trajectory Model: GNOME Trajectory Model Used with outside Circulation Models, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 825-840, 2003.

Beegle-Krause, C.J., C.H. Barker, G. Watabayashi, and W.J. Lehr, Long-term Transport of Oil from T/B DBL-152: Lessons Learned for Oils Heavier than Seawater, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1003-1020, 2006.

Beegle-Krause, C.J., C. O'Connor, G. Watabayashi, I. Zelo, and C. Childs, NOAA Safe Seas Exercise 2006: New Data Streams, Data Communication and Forecasting Capabilities for Spill Forecasting, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 645-655, 2007.

Belore, R.C., Large-scale Laboratory Studies of Dispersant Effectiveness, Application and Mixing, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 527-542, 1986.

Belore, R.C., Mid-scale Testing of Dispersant Effectiveness, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 329-342, 1987.

Belore, R.C., A Study of Dispersant Effectiveness Using Ultra-uniform Drop-size Generator, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 357-371, 1987.

Belore, R.C., Wave Tank Tests to Determine the Effectiveness of Corexit 9500 Dispersant on Hibernia Crude Oil under Cold Water Conditions, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 735-740, 2002.

Belore, R.C. and S.L. Ross, Laboratory Testing and Design of Ship-based Dispersing Systems, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 229-242, 1984.

Belore, R.C. and I.A. Buist, Modelling of Oil Spills in Snow, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 9-29, 1988.

Belore, R.C. and C. Seeley, Air Jet Atomization and Burning of Oil Slicks, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 289-304, 1990.

Belore, R.C. and I.A. Buist, Sensitivity of Oil Fate Model Predictions to Oil Property Inputs, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 837-848, 1994.

Belore, R.C. and S.L. Ross, Testing and Development of a Single-nozzle Spray System for Vessel-based Dispersant Delivery, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 197-207, 1999.

Belore, R.C. and S.L. Ross, Laboratory Study to Compare the Effectiveness of Chemical Dispersants when Applied Dilute versus Neat, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 733-748, 2000.

Belore, R.C., J. McHale, and T. Chapple, Oil Deposition Modeling for Surface Oil Well Blowouts, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 431-437, 1998.

Bence, A.E. and W.E. Burns, Fingerprinting Hydrocarbons in the Biological Resources of the *Exxon Valdez* Spill Area, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 99, 1993 (abstract only).

Berger, D. and D. Mackay, The Evaporation of Viscous or Waxy Oils - When is a Liquid-phase Resistance Significant? *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 77-92, 1994.

Berger, D., R. Lun, E. Skogen, H. Van Ooijen, and D. Mackay, A Novel Apparatus for Long-term Weathering of Crude Oils, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 57-73, 1993.

Bergueiro-López, J.R., N. Morales-Correas, and F.D. Domínguez-Laseca, The Latest Oil Spills in the Mediterranean Sea, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 165-179, 1992.

Bergueiro-López, J.R., F.D. Domínguez-Laseca, and N. Morales-Correas, Research into 90 Octanes Gasoline (Normal) Evaporation in its Natural Environment, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 147-163, 1992.

Bergueiro-López, J.R., N. Morales-Correas, and F.D. Domínguez-Laseca, Research on a Dispersing Solution for Burnt Crude Oils: *Aegean Sea Oil Spill*, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1065-1071, 1993.

Bergueiro-López, J.R., N. Morales-Correas, and F.D. Domínguez-Laseca, Biodegradation of Crude Oil Recovered by Sand in the Beach. Its Comparison Demised in Liquid Means, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1263-1272, 1994.

Bergueiro-López, J.R., F. Serra-Socías, S. Moreno-García-Luengo, N. Morales-Correas, and F.D. Domínguez-Laseca, Biodegradation of Hydrocarbons from a Refinery Spill, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1587-1597, 1996.

Bergueiro-López, J.R., S. Moreno-García-Luengo, F. Serra-Socías, A. Fuertes-Pérez, F.D. Domínguez-Laseca, A. Pérez-Navarro, and N. Morales-Correas, Biodegradation of Hydrocarbon Remnants by Biological Activators in the Presence of Inipol EAP 22, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1239-1248, 1997.

Bergueiro-López, J.R., S. Moreno-García-Luengo, F. Serra-Socías, A. Fuertes-Pérez, F.D. Domínguez-Laseca, A. Pérez-Navarro, and N. Morales-Correas, Finasol OSR 52 Active Components Biodegradation Using the Biologic Activator Biolen IG 30, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1227-1237, 1997.

Bergueiro-López, J.R., A. Martí, A. Fuertes-Pérez, S. Moreno-García-Luengo, and S. Guijarro, Evaporation of Arabian Light Crude Oil Spilled on Sea and on Beach Sands: Influence of Solar Radiation and Wind Velocity, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 115-133, 1998.

Bergueiro-López, J.R., F.D. Domínguez-Laseca, E. Guzma, N. Morales-Correas, and A. Pérez-Navarro, FINASOL OSR 51 Biodegradation by the Biological Activators BIOLEN IG 30 and BIOLEN IC 10, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 729-743, 1998.

Bergueiro-López, J.R., M. Ruiz, M. Rallo, M.-A., Mayol, A. Martí, and A. Pita, Geographic Information Systems Applied to Potential Hydrocarbon Oil Spills in the Balearic Islands, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 313-324, 1999.

Bergueiro-López, J.R., S. Moreno-García-Luengo, S. Guijarro, F. Serra-Socías, R. Kantin, A. Pérez-Navarro, and E. Díez, Response to a Fuel Oil Spill in the 'Albufera de Alcudia' Natural Park on Mallorca Island, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 253-267, 2002.

Bergueiro-López, J.R., S. Moreno-García-Luengo, A. Fuertes-Pérez, V. Martorell, R. Kantin, and E. Massutí, The L.I.D.I.A. Model: Its Application to the Balearic Island Coastline Contamination Study, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1131-1147, 2002.

Bergueiro-López, J.R., S. Moreno, S. Guijarro, A. Santos, and F. Serr, The INCOTUR Model: Estimation of Losses in the Tourism Sector in Alcudia due to a Hydrocarbons Spill, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 301-314, 2006.

Betts, D.A. and R.S. Golob, Planning for a Dispersant Response, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 285-294, 1982.

Birchard, E.C. and R. Nancarrow, The Minuk I-53 Artificial Island Oil Spill, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 375-378, 1986.

Bishnoi, P.R. and B.B. Maini, Studies of Oil Well Blowouts in Deep Offshore Waters B A High Pressure Water Tunnel for Studying the Behaviour of Oil or Gas Particles in Saltwater, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 90-99, 1978.

Bishnoi, P.R. and B.B. Maini, Laboratory Study of Behaviour of Oil and Gas Particles in Salt Water Relating to Deep Oil Well Blowouts, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 20-35, 1979.

Bissonnette, M.C., M.F. Fingas, R.D. Nelson, P. Beaudry, and J.R.J. Paré, Crude Oil Combustion at Sea: The Sampling of Released Products Using Remote-controlled Boats, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1065-1081, 1994.

Bitting, K.R. and J. Vicedomine, NOFI Oil Vee-Sweep and Extension Boom Test at OHMSETT, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 393-408, 1993.

Bitting, K.R. and P.M. Coyne, Oil Containment Tests of Fire Booms, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 735-754, 1997.

Bitting, K.R., J. Gynther, M.D. Drieu, A. Tidemann, and R. Martin, In-situ Burn Operational Procedures Development Exercises, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 695-706, 2001.

Blackall, P.J. and G.A. Sergy, The Baffin Island Oil Spill (BIOS) Project, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 705-741, 1981.

Blackall, P.J. and G.A. Sergy, BIOS Project - Preliminary Results, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 292-295, 1983.

Bleicher, B., D. Beauregard, L. Shier, and P. Means, Developing the U.S. Coast Guard's Airborne Dispersant Delivery System Capability, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 329-338, 1995.

Blenkinsopp, S.A., P. Boileau, D.A. Kyle, G.A. Sergy, and M.F. Fingas, How to Prepare Water Accommodated Fractions from Petroleum Hydrocarbons for Use in Aquatic Toxicity Testing - The Basics, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 515-528 1996.

Blenkinsopp, S.A., G.A. Sergy, P.G. Lambert, Z.D. Wang, S.C. Zoltai, and M. Siltanen, Long-term Recovery of Peat Bogs Oiled by Pipeline Spills in Northern Alberta, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1335-1354, 1996.

Blenkinsopp, S.A., Z.D. Wang, J. Foght, D.W.S. Westlake, G.A. Sergy, M.F. Fingas, M. Landriault, L. Sigouin, and K. Semple, The Freshwater Biodegradation Potential of Nine Alaskan Oils, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 581-608, 1997.

Blenkinsopp, S.A., G.A. Sergy, K.G. Doe, G.D. Wohlgeschaffen, K. Li, and M.F. Fingas, Evaluation of the Toxicity of the Weathered Crude Oil Used at the Newfoundland Offshore Burn Experiment (NOBE) and the Resultant Burn Residue, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 677-684, 1997.

Blenkinsopp, S.A., G.A. Sergy, K.G., Doe, P.M. Jackman, and A. Huybers, Simple Test Guidelines for Screening Oil Spill Sorbents for Toxicity, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 473-483, 1998.

Blondina, G.J., M.L. Sowby, M.T. Ouano, M.M. Singer, and R.S. Tjeerdema, Comparative Efficacy of Two Corexit Dispersants as Measured Using California's Modified Swirling Flask Test, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 561-573, 1997.

Bobra, A.M., W.Y. Shiu, and D. Mackay, Toxicity of Hydrocarbons and Crude Oils, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 52-58, 1983.

Bobra, A.M., S. Abernethy, P.G. Wells, and D. Mackay, Recent Toxicity Studies at the University of Toronto, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 82-90, 1984.

Bobra, M.A., Water Solubility Behaviour of Petroleum Mixtures, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 91-104, 1989.

Bobra, M.A., A Study of the Formation of Water-in-oil Emulsions, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 87-117, 1990.

Bobra, M.A., A. Chau, and D. Mackay, What's New in Chemical Dispersion?, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 257-277, 1984.

Bobra, M.A. and E.J. Tennyson, Photooxidation of Petroleum, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 129-147, 1989.

Bobra, M.A., P.I. Kawamura, M.F. Fingas, and D. Velicogna, Laboratory and Test Tank Evaluation of Elastol, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 223-241, 1987.

Bobra, M.A., P.I. Kawamura, M.F. Fingas, and D. Velicogna, Laboratory and Mesoscale Testing of Elastol and Brand M Demoussifier, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 391-415, 1988.

Boehm, P.D., Long-term Fate of Crude Oil in the Arctic Nearshore Environment - The BIOS Experiments, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 280-291, 1983.

Boehm, P.D., D.L. Fiest, P. Hirtzer, L. Scott, R. Norstrom, and F.R. Engelhardt, A Biogeochemical Assessment of the BIOS Experimental Spills: Transport Pathways and Fates of Petroleum in Benthic Animals, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 581-618, 1982.

Boehm, P.D., W.A. Burns, D.S. Page, A.E. Bence, P.J. Mankiewicz, J.S. Brown, and G.S. Douglas, Total Organic Carbon, An Important Tool in a Holistic Approach to Hydrocarbon Source Fingerprinting, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 413-427, 2002.

Bonner, J.S., L. Williamson, A. Callaway, and C.A. Page, Oil Degrading Microbial Populations along the Texas Coast, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 853-863, 2002.

Borries, S.F., Emergency Response Cleanup of a Petroleum Pipeline Leak - Hammond, Indiana, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1163-1179, 1997.

Børseth, J.F. and L. Jørgensen, Physiological Effects of Oil and of Chemical Treatment of Oil on Eggs of Plaice *Pleuronectes platessa*, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 179-186, 1986.

Boulé, M. and M. Blouin, SpillView: A Support to Decision-making Software in Emergency Response to Marine Oil Spills, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1111-1118, 2005.

Bouwmeester, R.J.B. and R.B. Wallace, The Break-up of an Oil Film due to Wind-Wave Action, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 14-25, 1985.

Bouwmeester, R.J. B. and R.B. Wallace, Oil Entrainment by Breaking Waves, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 39-49, 1986.

Braddock, J.F., L.N.A. Harduar, J.E. Lindstrom, and D.M. Filler, Efficacy of Bioaugmentation versus Fertilization for Treatment of Diesel Contaminated Soil at an Arctic Site, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 991-1002, 2000.

Bragg, J.R. and S.H. Yang, Effect of Clay/Oil Flocculation on the Rate of Natural Cleansing in Prince William Sound following the *Exxon Valdez* Oil Spill, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 121, 1993 (abstract only).

Bragg, J.R. and E.H. Owens, Clay-Oil Flocculation as a Natural Cleansing Process following Oil Spills: Part 1 - Studies of Shoreline Sediments and Residues from Past Spills, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-23, 1994.

Bragg, J.R., R.C. Prince, E.J. Harner, and R.M. Atlas, Monitoring and Interpreting Bioremediation Effectiveness, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 339, 1993 (abstract only).

Bragin, G.E., G.M. Coelho, E. Febbo, J.R. Clark, and D.V. Aurand, Coastal Oil Spill Simulation System Comparison of Oil and Chemically Dispersed Oil Released in Near-shore Environments: Biological Effects, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 671-683, 1999.

Brakstad, O.G., P.S. Daling, L.-G. Faksness, and I. Singaas, Biodegradation in Seawater of Oil Components in the Water-accommodated Fraction (WAF), *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 427-438, 1999.

Brakstad, O.G., L.-G. Faksness, Ø. Stokland, D. Altin, and I. Singasaas, Disappearance and Biological Effects of Crude Oils after Sedimentation on Subtidal Soft-bottom Seabed Sediments: Experiments in a Laboratory Seabed Mesocosm, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 295-311, 2000.

Brakstad, O.G., L.-G. Faksness, and A.G. Melbye, Depletion of Compounds from Thin Oil Films in Seawater, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 921-940, 2002.

Brandvik, P.J. and P.S. Daling, Statistical Experimental Design in the Optimization of Dispersant's Performance, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 243-254, 1990.

Brandvik, P.J., M.Ø. Moldestad, and P.S. Daling, Laboratory Testing of Dispersants under Arctic Conditions, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 123-134, 1992.

Brandvik, P.J., T. Lunel, P.S. Daling, and A. Lewis, Measurements of Dispersed Oil Concentrations by In-situ UV Fluorescence during the Norwegian Experimental Oil Spill 1994 with Sture Blend, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 519-535, 1995.

Brandvik, P.J., T. Strøm-Kristiansen, A. Lewis, P.S. Daling, M. Reed, H. Rye, and H.V. Jensen, The Norwegian Sea Trial 1995 - Offshore Testing of Two Dispersant Application Systems and Simulation of an Underwater Pipeline Leakage: A Summary Paper, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1395-1415, 1996.

Brandvik, P.J., A. Lewis, P.S. Daling, T. Strøm-Kristiansen, and E. Larsen, On-land and Offshore Testing of a New Helicopter Bucket for Dispersant Application - Response 3000D, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 499-519, 1997.

Brannon, E.L., L.L. Moulton, and A.W. Maki, Analysis of the *Exxon Valdez* Oil Spill Impacts on Prince William Sound Pink Salmon, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 587-600, 1996.

Britch, R.P., N.C. Shi, and R.V. Shafer, An Interactive Oil Spill Trajectory Model for Alaskan Arctic Waters, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 157-171, 1990.

Brodersen, C., J.W. Short, L. Holland, M. Carls, J. Pella, M. Larsen, and S. Rice, Evaluation of Oil Removal from Beaches 8 Years after the *Exxon Valdez* Oil Spill, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 325-336, 1999.

- Bronson, M.T., F. McAdams, and J. McHale, Mini Barge Shuttle Speeds in Ice, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1367-1369, 2002.
- Bronson, M.T., E. Thompson, F. McAdams, and J. McHale, Ice Effects on a Barge-based Oil Spill Response System in the Alaskan Beaufort Sea, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1253-1267, 2002.
- Brown, C.E. and M.F. Fingas, Oil Spill Surveillance, Monitoring and Remote Sensing: A Global Review, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 387-401, 1999.
- Brown, C.E. and M.F. Fingas, Upcoming Satellites: Potential Applicability to Oil Spill Remote Sensing, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 495-505, 2001.
- Brown, C.E. and M.F. Fingas, A Review of Current Global Oil Spill Surveillance, Monitoring and Remote Sensing Capabilities, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 789-798, 2005.
- Brown, C.E. and R. Marois, Laser Fluorosensor Demonstration Flights over Newfoundland Coastal Waters, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 437-450, 2007.
- Brown, C.E., M. Fruhwirth, P.G. Lambert, and M.F. Fingas, Recent Activities of the Emergencies Science Division's Remote Sensing Working Group, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1073-1082, 1993.
- Brown, C.E., Z.D. Wang, M. Fruhwirth, and M.F. Fingas, May 1993 Oil Spill Sensor Test Program: Correlation of Laser Fluorosensor Data with Chemical Analysis, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1239-1261, 1994.
- Brown, C.E., M. Fruhwirth, M.F. Fingas, G. Vaudreuil, J.-P. Monchalin, M. Choquet, R. Héon, C. Padioleau, R.H. Goodman, and J.V. Mullin, Oil Slick Thickness Measurement: A Possible Solution to a Long-standing Problem, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 427-440, 1995.
- Brown, C.E., M. Fruhwirth, R.D. Nelson, and M.F. Fingas, Upgrading the Laser Environmental Airborne Fluorosensor to Provide a Real-time Response to Oil Spill Emergencies, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1211-1220, 1996.

Brown, C.E., M. Fruhwirth, M.F. Fingas, J.V. Mullin, and G.L. Hover, The Scanning Laser Environmental Airborne Fluorosensor: Providing Timely Response in Complicated Marine Environments, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1247-1251, 1996.

Brown, C.E., R.D. Nelson, and M.F. Fingas, Recovery of the *Irving Whale* Oil Barge: Overflights with the Laser Environmental Airborne Fluorosensor, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1015-1022, 1997.

Brown, C.E., R.D. Nelson, M.F. Fingas, and J.V. Mullin, Laser Fluorosensor Overflights of the Santa Barbara Oil Seeps, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1043-1053, 1997.

Brown, C.E., M.F. Fingas, and R.H. Goodman, Oil-spill Remote Sensors: New Tools that Provide Solutions to Old Problems, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 783-794, 1998.

Brown, C.E., M.F. Fingas, J.V. Mullin, R. Dick, and C. Giroud, Putting the Scanning Laser Environmental Airborne Fluorosensor through its Paces: Initial Test Results, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 811-818, 1998.

Brown, C.E., M.F. Fingas, R.H. Goodman, J.V. Mullin, M. Choquet, and J.-P. Monchalain, Progress in Achieving Airborne Oil Slick Thickness Measurement, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 493-498, 2000.

Brown, C.E., R. Marois, M.F. Fingas, and J.V. Mullin, Preliminary Testing of the Scanning Laser Environmental Airborne Fluorosensor, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 519-523, 2000.

Brown, C.E., M.F. Fingas, and J. An, Laser Fluorosensors: A Survey of Applications and Developments of a Versatile Sensor, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 485-493, 2001.

Brown, C.E., R. Marois, G.E. Myslicki, and M.F. Fingas, Initial Studies on the Remote Detection of Submerged Oil Emulsion with a Range-gated Laser Fluorosensor, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 191-198, 2002.

Brown, C.E., R. Marois, R.L. Gamble, and M.F. Fingas, Further Studies on the Remote Detection of Submerged Oil Emulsion with a Range-gated Laser Fluorosensor, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 279-286, 2003.

Brown, C.E., M.F. Fingas, and R. Hawkins, Synthetic Aperture Radar Sensors: Viable for Marine Oil Spill Response?, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 299-310, 2003.

Brown, C.E., M.F. Fingas, R. Marois, B.G. Fieldhouse, and R.L. Gamble, Remote Sensing of Water-in-oil Emulsions: Initial Laser Fluorosensor Studies, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 295-306, 2004.

Brown, C.E., M.F. Fingas, and R. Marois, Oil Spill Remote Sensing: Laser Fluorosensor Demonstration Flights off the East Coast of Canada, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 317-334, 2004.

Brown, C.E., M.F. Fingas, and R. Marois, Oil Spill Remote Sensing Flights around Vancouver Island, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 921-929, 2006.

Brown, C.E., M.F. Fingas, J.-P. Monchalain, C. Neron, and C. Padioleau, Airborne Measurement of Oil Slick Thickness, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 911-919, 2006.

Brown, H.M., Comparison of Long-term Oil Evaporation in Laboratory and Wave Basin Studies, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-12, 1999.

Brown, H.M. and R.H. Goodman, In-situ Burning of Oil in Ice Leads, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 245-256, 1986.

Brown, H.M. and R.H. Goodman, Dispersant Testing in a Wave Basin - Four Years of Experience, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 501-514, 1988.

Brown, H.M. and P. Nicholson, The Physical-Chemical Properties of Bitumen in Relation to Oil Spill Response, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 107-117, 1991.

Brown, H.M. and R.H. Goodman, Initial Dynamics of the Spreading of Oil on Water, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 61-68, 1995.

Brown, H.M. and R.H. Goodman, The Use of Dispersants in Broken Ice, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 453-460, 1996.

Brown, H.M., R.H. Goodman, and G.P. Canevari, Dispersant Effectiveness in Cold Water, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 245-259, 1985.

Brown, H.M., N.M. To, and R.H. Goodman, Experimental and Theoretical Basin Studies of Dispersant Effectiveness in Cold Water, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 635-651, 1986.

Brown, H.M., D.K. Weiss, and R.H. Goodman, Emulsion Formation in Dispersant-treated Crude Oil, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 255-264, 1990.

Brown, H.M., P. Nicholson, and R. Paterson, The Design of an Inexpensive Flume System for Oil Spill Studies, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 489-494, 1991.

Brown, H.M., R.H. Goodman, and P. Nicholson, The Containment of Heavy Oil in Flowing Water, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 457-465, 1992.

Brown, H.M., R.H. Goodman, and P. Nicholson, The Evaporation of Heavy Oil Stranded on Shorelines, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 47-53, 1992.

Brown, H.M., P. Nicholson, R.H. Goodman, B.A. Berry, and B.R. Hughes, Novel Concepts for the Containment of Oil in Flowing Water, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 485-496, 1993.

Brown, H.M., R.H. Goodman, and P. Nicholson, Using Vortices to Trap Oil in Flowing Water, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 505-512, 1994.

Brown, H.M., C. Stanford, and R. Curry, BOSS - The Better Oil Spill Simulator: A New Concept in Oil Spill Models, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 869-878, 1996.

Brown, H.M., R.H. Goodman, C.-F. An, and J. Bittner, Boom Failure Mechanisms: Comparison of Channel Experiments with Computer Modelling Results, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 457-467, 1997.

Brown, H.M., R.H. Goodman, A.B. Markov, and H. Hudema, Development and Testing of an Inexpensive Remote Sensing Package, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 795-804, 1998.

Brown, H.M., J.J. Baschuk, and R.H. Goodman, Infrared Sensing and the Measurement of Oil Slick Thickness, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 805-810, 1998.

Brown, H.M., E.H. Owens, and M. Green, Submerged and Sunken Oil: Behavior, Response Options, Feasibility, and Expectations, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 135-146, 1998.

Brown, H.M., R.H. Goodman, and C.-F. An, Flow around Oil Containment Barriers, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 345-354, 1998.

Brown, H.M., R.H. Goodman, and C.-F. An, Development of Containment Booms for Oil Spills in Fast Flowing Water, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 813-823, 1999.

Brown, J.S., P.D. Boehm, J.H. Hardenstine, and G.S. Douglas, The North Cape Oil Spill Assessment: PAHs in Oil, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 1409, 1997 (abstract only).

Brown, R., Oil under Multi-year Ice, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 110, 1979 (abstract only).

Bryant, T., E.G. DeCola, T.L. Robertson, and G. Folley, Taming the Oil Spill Paperwork Beast: The Alaska Spill Response Permits Project, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 243-251, 2005.

Bryner, N.P., W.D. Walton, L.A. DeLauter, W.H. Twilley, and J.V. Mullin, Response of Portable Particulate Monitoring Instruments to Combustion Particulates, Road Dust and Salt Aerosols, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 519-544, 1999.

Bryner, N.P., W.D. Walton, L.A. DeLauter, W.H. Twilley, I.A. Mendelssohn, Q. Lin, and J.V. Mullin, In-situ Burning in the Marshland Environment - Soil Temperatures, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 823-846, 2000.

Bryner, N.P., W.D. Walton, W.H. Twilley, G. Roadarmel, I.A. Mendelssohn, Q. Li, and J.V. Mullin, In-situ Oil Burning in the Marshland Environment - Soil Temperatures Resulting from Crude Oil and Diesel Fuel Burns, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 729-753, 2001.

Buckley, J. and B. Humphrey, Fate of Dispersed Oil in the Environment Part II. A Boomed Oil Spill, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 10-18, 1979.

Bugg, J.D. and R.D. Rowe, An Experimental Study of Large Bubble Dynamics, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 105-114, 1989.

Bugg, J.D. and R.D. Rowe, A Simulation of Bubble Formation during an Undersea Oilwell Blowout, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 39-47, 1990.

Buist, I.A., Disposal of Spilled Hibernia Crude Oils and Emulsions: In-situ Burning and the Swirlfire Burner, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 245-277, 1989.

Buist, I.A., Modification, Scale-up and Testing of a 100 bbl/day SWIRLFIRE Burner, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 451-468, 1991.

Buist, I.A. and I.R. McAllister, Dome Petroleum's Fireproof Boom - Development and Testing to Date, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 479-497, 1981.

Buist, I.A. and S.G. Potter, Subsea Containment: COOSRA Research to Date, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 129-149, 1982.

Buist, I.A. and N. Vanderkooy, The Development and Testing of a Helicopter Portable Burner, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 187-196, 1982.

Buist, I.A. and E.M. Twardus, In-situ Burning of Uncontained Oil Slicks, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 127-154, 1984.

Buist, I.A. and E.M. Twardus, Burning Uncontained Oil Slicks: Large-scale Tests and Modelling, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 103-130, 1985.

Buist, I.A. and S.L. Ross, The Use of Emulsion Inhibitors to Control Offshore Oil Spills: Part II, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 271-299, 1986.

Buist, I.A. and I.E. Bjerkelund, Oil in Pack Ice: Preliminary Results of Three Experimental Spills, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 379-397, 1986.

Buist, I.A. and S.G. Potter, Oil Submergence: Wind/Wave Tank Tests and Modelling, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-20, 1987.

Buist, I.A. and S.G. Potter, Offshore Testing of Booms and Skimmers, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 229-265, 1988.

Buist, I.A. and S.G. Potter, Tank Testing of Skimmers with Waxy and Viscous Oils, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 193-225, 1989.

Buist, I.A. and J. Morrison, Research on Using Oil Herding Surfactants to Thicken Oil Slicks in Pack Ice for In-situ Burning, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 349-375, 2005.

Buist, I.A., W.M. Pistruzak, and D.F. Dickins, Dome Petroleum's Oil and Gas Undersea Ice Study, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 647-686, 1981.

Buist, I.A., W.M. Pistruzak, S.G. Potter, N. Vanderkooy and I.R. McAllister, The Development and Testing of a Fire-proof Boom, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 70-84, 1983.

Buist, I.A., S.G. Potter, and J.J. Swiss, Arctic Field Testing of the Lockheed Clean Sweep and VEP Arctic Skimmer, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 85-96, 1983.

Buist, I.A., R.C. Belore, and L.B. Solsberg, Countermeasures for a Major Oil Spill from a Tanker in Arctic Waters, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 168-189, 1983.

Buist, I.A., S.G. Potter, and D.F. Dickins, Fate and Behaviour of Water-in-oil Emulsions in Ice, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 263-279, 1983.

Buist, I.A., S.P. Joyce, and S.L. Ross, Modelling Oil Spills in Leads: Wind/Wave Tank Testing and Preliminary Results, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 131-148, 1987.

Buist, I.A., C.C. Guénette, S.G. Potter, and T. Bringloe, Viscosity and Drag Reduction for Temporary Storage and Transfer of Weathered Crude Oils and Emulsions, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 523-546, 1992.

Buist, I.A., S.G. Potter, D.W. Cooper, A.B. Nordvik, and J. Simmons, Pressure Drops Associated with Pumping Water-in-oil Emulsions, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 531-568, 1994.

Buist, I.A., S.L. Ross, and J. Simmons, In-situ Burning Research Recommendations Arising from Comprehensive Review, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 669-683, 1994.

Buist, I.A., B.K. Trudel, J. Morrison, and D.V. Aurand, Laboratory Studies of the Physical Properties of In-situ Burn Residues, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1027-1051, 1995.

Buist, I.A., J. McCourt, K. Karunakaran, C. Gierer, D. Comins, N.W. Glover, and B. McKenzie, In-situ Burning of Alaskan Oils and Emulsions: Preliminary Results of Laboratory Tests with and without Waves, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1033-1061, 1996.

Buist, I.A., J. McCourt, J.V. Mullin, N.W. Glover, C. Hutton, and J. McHale, Mid-scale Tests of In Situ Burning in a New Wave Tank at Prudhoe Bay, Alaska, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 599-622, 1998.

Buist, I.A., J. McCourt, S.G. Potter, W.T. Schmidt, D.S. DeVitis, and R. Smith, OHMSETT Tests to Determine Optimum Times to Decant Temporary Storage Devices, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 781-801, 1999.

Buist, I.A., S.G. Potter, J. McCourt, P.A. Lane, P. Newsom, L.Hillebrand, and S. Buffington, Re-engineering of a Stainless Steel Fire Boom for Use in Conjunction with Conventional Fire Booms, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 545-565, 1999.

Buist, I.A., J. McCourt, J. Morrison, J. Lane, J.V. Mullin, W.T. Schmidt, D.S. DeVitis, K.L. Nolan, J. Stahovec, B. Urban, and C. Moffatt, Fire Boom Testing at OHMSETT in 2000, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 707-727, 2001.

Buist, I.A., D.S. DeVitis, A. Guarino, K.L. Nolan, D.F. Dickins, J.V. Mullin, and J. Lane, Technical Aspects of Testing in Brash Ice at OHMSETT, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1225-1252, 2002.

Buist, I.A., A. Guarino, D.S. DeVitis, K.L. Nolan, A. Lewis, B. Smith, and J. Lane, Extending Temporary Storage Capacity with Emulsion Breakers, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 139-167, 2002.

Buist, I.A., L. Majors, K. Linderman, D.F. Dickins, J.V. Mullin, and C.K. Owens, Tests to Determine the Limits to In Situ Burning of Thin Oil Slicks in Brash and Frazil Ice, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 629-648, 2003.

Buist, I.A., R.C. Belore, F. Bercha, M. Cerovšek, A. Lewis, J. Wilson, B. Rinelli, and D. Prentki, Persistence of Crude Oil Spills on Open Water, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 209-235, 2005.

Buist, I.A., S.G. Potter, P. Meyer, L. Zabilansky, and J.V. Mullin, Mid-scale Test Tank Research on Using Oil Herding Surfactants to Thicken Oil Slicks in Pack Ice: An Update, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 691-709, 2006.

Buist, I.A., S.G. Potter, T.J. Nedwed, and J.V. Mullin, Field Research on Using Oil Herding Surfactants to Thicken Oil Slicks in Pack Ice for In-situ Burning, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 403-425, 2007.

Bundy, K. and J. Fejes, Monitoring the Degree of Biodegradation of Oil Spill in Marine Environment with NIR Spectroscopy, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 705-716, 1998.

Burns, R.C., Cleanup and Containment of a Diesel Fuel Spill to a Sensitive Water Body at a Remote Site under Extreme Winter Conditions, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 209-220, 1988.

Byford, D.C., The Development of Dispersants for Application at Low Temperatures, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 239-254, 1982.

Byford, D.C., P.J. Green, and A. Lewis, Factors Influencing the Performance and Selection of Low-temperature Dispersants, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 140-150, 1983.

Byford, D.C., P.R. Laskey, and A. Lewis, Effect of Low Temperature and Varying Energy Input on the Droplet Size Distribution of Oils Treated with Dispersants, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 208-228, 1984.

Cabioc'h, F. and J.-P. Garo, Last French Experiments in Order to Evaluate the Burning Possibilities of Three Water-in-oil Emulsions, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 823-832, 1993.

Camp, H., P. Kulakow, D.R Smart, and K. O'Reilly, Application of Chemical Tools to Evaluate Phytoremediation of Weathered Hydrocarbons, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 355-368, 2002.

Campagna, P.R. and A. Humphrey, Air Sampling and Monitoring at the Kuwait Oil Well Fires, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 575-592, 1992.

Campbell, T.G., E. Taylor, and D.V. Aurand, Ecological Risks Associated with Burning as a Spill Countermeasure in a Marine Environment, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 707-716, 1994.

Carls, M.G., G.D. Marty, and S.D. Rice, Is Pink Salmon Spawning Habitat Recovering from the Exxon Valdez Oil Spill?, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 335-345, 2003.

Carr, B.A., Secondary Containment Systems for Bulk Oil Storage Facilities, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 245-259, 1996.

Carrier, G., F. Fendell, and J. Mitchell, In-situ Burning via Towed Boom of Oil Spilled at Sea, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 659-680, 1992.

Carter, J. and R. Ernst, Tainting in Sea Scallops (*Placopecten magellanicus*) Exposed to the Water-soluble Fraction of Crude Oil and Natural Gas Condensate, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 149-159, 1989.

Carter, J., C. MacGregor, W.G. Tidmarsh, P.C.P. Chandler, J. Parsons, and C. Bonke, Monitoring Programs Associated with the Uniacke G-72 Gas/Condensate Blowout on the Scotian Shelf, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 403-422, 1985.

Cekirge, H.M., A.H. Al-Rabeh, and N. Gunay, Use of Three Generations of Oil Spill Models during the Gulf War Oil Spills, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 93-105, 1992.

Cekirge, H.M., S.L. Palmer, K. Convery, and L. Ileri, State-of-the-art Modeling Capabilities for Orimulsion Modeling, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 805-820, 1996.

Challenger, G.E. and G.S. Mauseth, Closing and Opening Fisheries following Oil Spills; A Case Study in Humboldt Bay, California, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 167-179, 1998.

Chamberlain, D.W., J. Lindstedt-Siva, E.R. Mancini, R.A. Levine, and J.A. Miller, The *Arco Anchorage Oil Spill: A Review*, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 385-396, 1987.

Chandler, P.C.P., The Juxtaposition of Long-term and Real-time Oil Spill Modeling, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 297-305, 1989.

Chau, A. and D. Mackay, A Study of Oil Dispersion: The Role of Mixing and Weathering, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 373-384, 1987.

Chen, A.C.T., Design Considerations for a Fire-monitor Based Dispersant Application System, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 187-196, 1999.

Chen, F. and P.D. Yapa, Estimating the Mortality to Aquatic Biota from Oil Releases under Water, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 637-662, 2000.

Chen, K.W., A Study of the Feasibility of Underwater Containment of Subsea Oil Spills in Arctic Waters, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 113-122, 1979.

Cheng, C.-Y., A.N.S. Ernest, R. Aguilar, and J.S. Bonner, Hydrodynamic Characterization of COSS (Coastal Oil-spill Simulation System) Wave Tank, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 89-98, 1998.

Chernoplekov, A.N. and A.A. Alexandrov, Risk Analysis in Oil Spill Response Planning, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 289-317, 2005.

Christensen, J.H., A.B. Hansen, J. Mortensen, and O. Andersen, Biodegradation of Oil in the Coastal Environment - Application of Multivariate Data Analysis, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 349-362, 2003.

Christensen, J.H., A.B. Hansen, and O. Andersen, Chemical Fingerprinting of Terpanes and Steranes by Chromatographic Alignment and Principal Component Analysis, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 133-143, 2005.

Christensen, J.H., A.B. Hansen, and O. Andersen, Evaluation of Oil Biodegradation Using Time Warping and PCA, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 157-168, 2005.

Christensen, F.T., T. Isaji, and E.L. Anderson, Oil Spill Risks for Copper River Delta in Alaska, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 833-846, 1996.

Clarke, L.M.J., C.W. Khan, P. Akhtar, P.V. Hodson, K. Lee, Z.D. Wang, and J.W. Short, Comparative Toxicity of Four Crude Oils to the Early Life Stages of Rainbow Trout (*Oncorhynchus mykiss*), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 785-792, 2004.

Clavelle, E.J. and R.D. Rowe, Numerical Simulation of Oil Boom Failure by Critical Accumulation, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 409-418, 1993.

Clayton Jr., J.R. and E.P. Renard, Statistical Assessment: Two Laboratory Tests for Estimating Performance of Shoreline Cleaning Agents for Oil Spills, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 877-908, 1993.

Clayton Jr., J.R., B.C. Stransky, M.J. Schwartz, B.J. Snyder, D.C. Lees, J. Michel, and T.J. Reilly, Methodologies for Estimating Toxicity of Shoreline Cleaning Agents in the Field, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 543-586, 1996.

Clayton Jr., J.R., B.C. Stransky, A.C. Adkins, D.C. Lees, J. Michel, M.J. Schwartz, B.J. Snyder, and T.J. Reilly, Methodology for Estimating Cleaning Effectiveness and Dispersion of Oil with Shoreline Cleaning Agents in the Field, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 423-451, 1996.

Clearman, R.C., On-site Arctic Oil Spill Training, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 499-502, 1982.

Clement, P.G., A Simplified Approach for Valuing Environmental Injuries from Small Petroleum Spills in Coastal Environments, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 143-154, 2001.

Coelho, G.M., G.E. Bragin, D.V. Aurand, J.R. Clark, and D.A. Wright, Field and Laboratory Investigations of the Toxicity of Physically and Chemically Dispersed Oil, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1117-1131, 1995.

Coelho, G.M., D.V. Aurand, and D.A. Wright, Biological Uptake Analysis of Organisms Exposed to Oil and Chemically Dispersed Oil, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 685-694, 1999.

Comerma, E., A. Poutchkovsky, J. Guyomarch, F. Cabioc'h, A. Doré, and P. Daniel, Inclusion of an Oil Database into a Forecasting System, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 841-856, 2003.

Comfort, G. and W. Purves, An Investigation of the Behaviour of Crude Oil Spilled under Multi-year Ice at Griper Bay, NWT, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 62-86, 1980.

Comfort, G. and M.M. Punt, Oil-burning Tests Conducted in the Presence of a High Pressure Waterjet Barrier, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 227-243, 1989.

Comfort, G., B. Menon, and P. Noble, Feasibility of Air and Water Spray Barriers for the Collection, Concentration and In-situ Burning of Spilled Oils, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 143-156, 1979.

Comfort, G., T. Roots, L. Chabot, and F. Abbott, Oil Behaviour under Multi-year Ice at Griper Bay, NWT, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 14-19, 1983.

Cooper, D.W. and L. Keller, Oil Spill Sorbents: Testing Protocol and Certification Listing Program, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 479-496, 1992.

Cooper, D.W. and F. Hvidbak, Evaluation of Mechanical Recovery Devices for Spills of Orimulsion, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 337-351, 2000.

Cooper, D.W. and R. MacKay, Assisted Pumping of Extremely Viscous Oils, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 373-386, 2001.

Cooper, D.W. and R. MacKay, Heavy Oil Pumping - A Method to the Madness?, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 127-137, 2002.

Cooper, D.W. and A. Obenauf, Canola Oil - Pick it up!, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 115-126, 2002.

Cooper, D.W. and R. MacKay, Extended Testing of GT-185 Pumps in Bitumen, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 543-558, 2003.

Cooper D.W. and D. Velicogna, Testing of Sorbent Booms in Containment Configurations, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 159-170, 2004.

Cooper, D.W., S. Penton, K. Rafuse, and A.B. Nordvik, An Evaluation of Oil Sorbent Materials, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 581-592, 1994.

Cooper, D.W., K. Volchek, S.J. Cathum, H. Peng, and J. Lane, Trace Dispersant Detection and Removal, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 799-812, 2003.

Cooper, D.W., L. Boudreau, A. Obenauf, and A. Dumouchel, Testing of Selected Biosorbents, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 191-205, 2004.

Cooper, D.W., A. Dumouchel, and C.E. Brown, Multi-track Sorbent Boom and Sweep Testing, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 393-407, 2005.

Cooper, D.W., A. Somers, and C.E. Brown, Oil Decon Methods Evaluation, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 409-424, 2005.

Cooper, D.W., R. MacKay, and C.E. Brown, Testing Brush Adapters for the GT-185 Skimmer, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 153-172, 2006.

Cooper, D.W., K. Flood, and C.E. Brown, Multi-track Sorbent Boom Testing with Loose Sorbent Material, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 173-194, 2006.

Cooper, D.W., D. Velicogna, and C.E. Brown, Heavy Oil Booming, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Environment Canada, Ottawa, ON, pp. 343-354, 2007.

Cooper, D.W., D. Velicogna, and C.E. Brown, Optimizing Annular Water Flow with Viscous Oils, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 331-342, 2007.

Cornell, C.M. and R.E. Miller, Aerial Spill Response Coordination, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1031-1035, 2003.

Corsini, T.J., Escorting and Tethering Oil Tankers: Complying with the New Regulations in Prince William Sound, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 193-201, 1995.

Costanzo, D., A Computerized Equipment and Personnel Management System Specific to Oil Spill Response, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 223-236, 1991.

Costanzo, D., Computer Systems for Oil Spill Response Organizations; Framework for Success, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 389-399, 1994.

Costanzo, D., Trimble/ORION GPS Oil Spill Tracking Buoy Initial Field Trials, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1219-1225, 1994.

Costanzo, D. and B. McKenzie, Wildlife Response on the Alaskan North Slope, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 773-790, 1992.

Couillard, C.M. and F.A. Leighton, Avian Embryo Bioassay for the Toxicity of Petroleum Oils to Birds, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 187-192, 1989.

Cox, J.C., Modelling Considerations for Laboratory Testing of Dispersant Effectiveness, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 353-371, 1981.

Cox, J.C. and L.A. Schultz, The Transport and Behaviour of Spilled Oil under Ice, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 45-61, 1980.

Cox, J.C. and L.A. Schultz, The Mechanics of Oil Containment beneath Rough Ice, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 3-44, 1981.

Cox, J.C. and L.A. Schultz, Dispersant Effectiveness under Arctic Conditions, Including Ice, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 373-399, 1981.

Coyne, P.M., D.S. DeVitis, and W.T. Schmidt, From High Speed Skimmers to Sorbents: OHMSETT Testing in 1997, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 949-956, 1998.

Cramer, M.A., E.H. Owens, D.E. Howes, and G.A. Sergy, Spill Response Manuals for the Coasts of British Columbia, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 551-577, 1991.

Crawford, W.R., J.Y. Cherniawsky, V.A. Ballantyne, and C.G. Hannah, Current Predictions for Oil Spill Models, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 877-891, 1997.

Crowell, M.J. and P.A. Lane, Recovery of a Nova Scotian Saltmarsh during Two Growing Seasons following Experimental Spills of Crude Oil and the Dispersant Corexit 9527, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 89-127, 1988.

Cymbaluk, D.M., Negotiation, Diplomacy and Environmental Impacts: A Discussion of the Realities of Multi-agency Co-operation throughout the Aftermath of a Release Incident, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 349-372, 1997.

D'Armiento, A. and C. Moffatt, U.S. Coast Guard Implementation of the Findings from the Joint Viscous Oil Pump Workshop in December 2003, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 425-435, 2005.

D'Atri, B. and T.L. 'Flicking Your Bic at Twenty-five Below (Or the Atigun Pass Diesel Spill Project)', *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 669-677, 1993.

Dakin, D.T., Real-time Petroleum Spill Detection System, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 507-517, 2001.

Daling, P.S., A Study of the Chemical Dispersibility of Fresh and Weathered Crude Oils, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 481-499, 1988.

Daling, P.S. and P.J. Brandvik, A Study of the Formation and Stability of Water-in-oil Emulsions, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 153-170, 1988.

Daling, P.S., P.J. Brandvik, D. MacKay, and Ø. Johansen, Characterization of Crude Oils for Environmental Purposes, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 119-138, 1990.

Daling, P.S., L.-G. Faksness, A.B. Hansen, and S.A. Stout, Improved and Standardized Methodology for Oil Spill Fingerprinting, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 429-453, 2002.

Dalmazzone, C., C. Bocard, and D. Ballerini, IFP Procedure for Testing and Developing Water-in-crude Oil Emulsion Inhibitors, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 317-327, 1995.

Dan, T.V., B. Hale, B. Conrad, B. Stiebel, and E. Veska, Amelioration of Ni Phytotoxicity in Crops Grown in Ni-impacted Agricultural Soils near Port Colborne, Ontario, Canada, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 349-365, 2006.

Davidson, L.W., An Overview of the Canadian Arctic in Relation to Oil Spill Countermeasures, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 8-17, 1978.

Davidson, L.W., Atlas Update, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 370, 1979 (abstract only).

Davidson, L.W., Recommended Revision of An Arctic Atlas: Background Information for Developing Marine Oilspill Countermeasures, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 545-547, 1980.

Davies, L., K. Dooley, T. Lunel, and A. Lewis, The Role of Remote Sensing in Operational Oil Spill Response, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 755-781, 1998.

Davis, D.W. and R.J. Guidry, Oil Spill Science: The Louisiana Perspective, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 735-753, 1999.

Davis, D.W., Hurricanes, Subaqueous Mudslides and Damaged Pipelines Effect on Louisiana's Offshore Oil Industry, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1005-1020, 2005.

Davis, D.W., Oil Spills and other Issues in the Aftermath of Hurricanes *Katrina* and *Rita*: An Overview, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 965-975, 2006.

Dawe, B.R., S.K. Parashar, J.P. Ryan, and R.D. Worsfold, Satellite Data on the *Kurdistan* Spill, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 455-478, 1980.

Day, T., D. Mackay, S. Nadeau, and R. Thurier, Characteristics of Smoke from In Situ Crude Oil Fires, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 179-189, 1978.

Daykin, M., G.A. Sergy, D.V. Aurand, G. Shigenaka, Z.D. Wang, and A. Tang, Aquatic Toxicity Resulting from In-situ Burning of Oil-on-water, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1165-1193, 1994.

Dean Jr., A.M., Investigating the Practical Application of the Resonant Scattering Theory for the Detection of Oil under Sea Ice, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 255-260, 1983.

Debusschere, K., R. Tedford, J. Brolin, and W. Lorentz, Louisiana's Oil Spill Program: New Developments, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 237-246, 2000.

DeCola, E.G., T.L. Robertson, R. Robertson, and J. Banta, Approach to Downstream Planning for Nearshore Response and Sensitive Areas Protection outside Prince William Sound, Alaska, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 271-285, 2004.

DeCola, E.G., T.L. Robertson, L.A. Pearson, L. Dietrick, and G. Folley, The *M/V Selendang Ayu* Commercial Fisheries Work Group Process, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 267-284, 2006.

Delozier, M.J., Enhancing the Encounter Rate of a Prototype Weir Skimmer, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 661-670, 1995.

Delvigne, G.A.L. and L.J.M. Hulsen, Simplified Laboratory Measurement of Oil Dispersion Coefficient - Application in Computations of Natural Oil Dispersion, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 173-187, 1994.

Devenis, P.K., Task Force on Oil Spill Preparedness: Offshore Implementation Progress, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 307-314, 1992.

Devenis, P.K., Komi Oil Spill: An Assessment by a Multi-national Team, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1147-1161, 1995.

DeVitis, D.S. and L. Hannon, Basin Sidewall Effects during Comparable Boom Testing, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1281-1295, 1995.

DeVitis, D.S., K.L. Nolan, W.T. Schmidt, J. Lane, and J.V. Mullin, OHMSETT: 1998 Year in Review, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 755-766, 1999.

Dick, R. and M.F. Fingas, First Results of Airborne Trials of a 64-Channel Laser Fluorosensor for Oil Detection, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 365-379, 1992.

Dick, R., R. Jackson, F. Kuja, A. Loveless, M. Paul, and S. Wiles, Improved Airborne Laser Fluorosensor for Assessment of Marine Pollution, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 315-328, 1990.

Dickins, D.F., Resource Requirement Exercise for Spill Scenarios in the Beaufort Sea, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 59-65, 1978.

Dickins, D.F. and E.H. Owens, Annual Ice Cycle at the Mouth of the Colville River and Implications for Oil Transport, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1169-1189, 2002.

Dickins, D.F., L.C. Martin, I.E. Bjerkelund, S.G. Potter, and D.C. Tilden, Environmental Atlas for Beaufort Sea Oil Spill Response, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 423-447, 1987.

Dickins, D.F., V. Jones, J. Bradford, L. Liberty, G. Gibson, W. Hirst, L. Zabilansky, E.H. Owens, and J. Lane, Testing Ground Penetrating Radar and Ethane Gas Sensing to Detect Oil in and under Ice, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 799-824, 2005.

Dobroski, C.J. and R.B. Bogardus, A Standardized Approach to the Ecological Monitoring of Oil Spills, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 197-217, 1990.

Doe, K.G., P.M. Jackman, and K. Lee, Monitoring the Effectiveness of Remediation Techniques Using Sediment Toxicity Tests with the Amphipod *Eohaustorius estuarius*, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 369-378, 2002.

Domínguez-Laseca, F., J.R. Bergueiro-López, and J.A. Garcia-Raso, Biodegradation in Emulsions of Crude Oil (Type Kirkuk) and Non-ionic Dispersants, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 652-660, 1986.

Donnay, E., T.G. Jacques, G. Hiernaux, and D. Quaghebeur, SAMPLEX (1991-92): Testing of Sampling Techniques for Hydrocarbon Spilled at Sea, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 261-276, 1994.

Donnay, E., T.G. Jacques, and J. O'Sullivan, POLSCALE (1994): Pollution Scale, Reference System and Guide for the Quantification and Evaluation of Coastal Pollution and Clean-up Operations in Oil-polluted Coastal Zones, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 411-417, 1994.

Donnay, E., T.G. Jacques, and J. O'Sullivan, POLSCALE (1994-95) Results of Phase 1 - Methods, Procedures and Reference Scales for Assessing and Reporting the Condition of Oil-polluted Coastal Zones, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 257-266, 1995.

Drieu, M.D. and R.M. Loesch, Learning from the Tough Ones: U.S. Coast Guard Viscous Oil Pumping Improvements, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 415-428, 2000.

Driskell, W.B., J.R. Payne, and G. Shigenaka, Revisiting Source Identification, Weathering Models and Phase Discrimination for *Exxon Valdez* Oil, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 33-58, 2005.

Duhaime, C. and V. Martin, SCAT Planning, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1023-1030, 2000.

Duhaime, C., V. Martin, and R. Daigle, Projet de partenariat entre Environnement Canada et SIMEC, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1559-1570, 1996.

Duhaime, C., V. Martin, and R. Daigle, Partnership Project between Environment Canada and ECRC, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1571-1582, 1996.

Durell, G.S., S.A. Ostazeski, A.D. Ulher, I.K. Almås, P.S. Daling, T. Strøm-Kristiansen, and A.B. Nordvik, Evaluation of the Transfer of Crude Oil Weathering Technology: Interlaboratory Comparison of Physico-Chemical Characteristics of Weathered Oils and Emulsions, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 39-75, 1994.

Duval, W.S., The Sub-lethal Effects of Hydrocarbons on the Bioenergetics and Productivity of Selected Marine Fauna, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 83-85, 1979.

El-Tahan, H. and S. Venkatesh, Behaviour of Oil Spills in Cold and Ice-infested Waters - Analysis of Experimental Data on Oil Spreading, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 337-354, 1994.

Eley, D. and T.L. Robertson, Investigation of Vessel Traffic Passing through the Aleutian Islands with Discussion of Risk Factors that Could Lead to Pollution, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 251-260, 2006.

Engel, M., C. Nalewajko, K. Lee, A.D. Venosa, M.T. Suidan, and I.A. Mendelssohn, Response and Potential Influence of *Spartina alterniflora* in the Biodegradation of Fuel Oil, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1301-1312, 2002.

Engelhardt, F.R., Oil Pollution in Polar Bears: Exposure and Clinical Effects, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 139-179, 1981.

Engelhardt, F.R., The Marine Spill Response Corporation (MSRC) Research and Development Program, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 261-269, 1992.

Engelhardt, F.R., C. Mageau, and R. Trucco, Behavioural Responses of Benthic Invertebrates Exposed to Dispersed Crude Oil, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 32-51, 1983.

Engelhardt, F.R., C. Mageau, E.S. Gilfillan, and P.D. Boehm, Effects of Acute and Long-term Exposure to Dispersed Oil in Benthic Invertebrates, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 367-392, 1984.

Erickson, G.M., G.S. Mauseth, S.A. Blenkinsopp, and G.A. Sergy, Optimizing Hydraulic Cleaning Techniques for Oiled Coarse Sediment Beaches: Immediate and One Year Post-treatment Results of the Meso-scale Field Trials, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 361-386, 1999.

Evans, D.D., H.R. Baum, B. McCaffrey, G. Mulholland, M. Harkleroad, and W. Manders, Combustion of Oil on Water, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 301-336, 1986.

Evans, D.D., G. Mulholland, D. Gross, H.R. Baum, and K. Saito, Environmental Effects of Oil Spill Combustion, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 91-130, 1987.

Evans, D.D., G. Mulholland, D. Gross, H.R. Baum, and K. Saito, Burning, Smoke Production and Smoke Dispersion from Oil Spill Combustion, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 41-87, 1988.

Evans, D.D., H.R. Baum, G. Mulholland, N.P. Bryner, and G. Forney, Smoke Plumes from Crude Oil Burns, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-22, 1989.

Evans, D.D., W.D. Walton, H.R. Baum, J.R. Lawson, R.G. Rehm, R. Harris, A. Ghoniem, and J. Holland, Measurement of Large-scale Oil Spill Burns, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-38, 1990.

Evans, D.D., W.D. Walton, H.R. Baum, G. Mulholland, J.R. Lawson, H. Koseki, and A. Ghoniem, Smoke Emission from Burning Crude Oil, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 421-449, 1991.

Evans, D.D., W.D. Walton, H.R. Baum, K.A. Notarianni, J.R. Lawson, H.C. Tang, K.R. Keydel, R.G. Rehm, D. Madrzykowski, R.H. Zile, H. Koseki, and E.J. Tennyson, In-situ Burning of Oil Spills: Mesoscale Experiments, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 593-657, 1992.

Faksness, L.-G. P.S. Daling, A.B. Hansen, P. Kienhuis, and R. Duus, New Guidelines for Oil Spill Identification of Waterborne Petroleum and Petroleum Products, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 183-202, 2005.

Faksness, L.-G. and P.J. Brandvik, Dissolution of Water Soluble Components from Oil Spills Encapsulated in Ice, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 59-73, 2005.

Faksness, L.-G., P.S. Daling, and A.B. Hansen, Round Robin Study - Oil Spill Identification, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 455-476, 2002.

Fang, J. and K.-F.V. Wong, Instability Study of Oil Slicks Contained by a Single Boom, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 447-468, 2000.

Fant, J.W. and K.A. Hansen, U.S. Coast Guard Oil Spill Remote Sensing: Preliminary Laser Fluorosensor Studies, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 861-872, 2005.

Fant, J.W. and K.A. Hansen, US Coast Guard Laser Fluorosensor Testing, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 951-964, 2006.

Farmwald, J.W. and W.G. Nelson, Dispersion Characteristics and Flammability of Oil under Low Ambient Temperature Conditions, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 217-238, 1982.

Fay, R.R., C.P. Giammona, K. Binkley, and F.R. Engelhardt, Measuring the Aerial Application of Oil Dispersant from Very Large Aircraft at Moderate Altitude, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1057-1063, 1993.

Ferland, J.M., Application of Multiple Recovery Strategies during the *Julie N* Response, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 355-364, 1998.

Ferland, J.M., Lessons from the *Julie N* - The Value of a Strong Home Team, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 243-252, 1998.

Fieldhouse, B.G., Water-in-crude Oil Emulsion Formation and Stability for Crude Oils in Fresh, Brackish and Salt Water, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 897-910, 2007.

Filler, D.M., The Need for a Tundra Treatment Protocol, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1065-1077, 2000.

Filonov, A., I. Nechaeva, L. Akhmetov, A. Gafarov, I. Puntus, and A. Boronin, Biodegradation of Crude Oil by Introduced Psychotropic Microbial Association and Indigenous Bacteria under Laboratory and Field Conditions in Soils of Moscow Region, Russia, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 319-329, 2007.

Fingas, M.F., Dispersant Effectiveness at Sea: A Hypothesis to Explain Current Problems with Effectiveness, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 455-479, 1988.

Fingas, M.F., Remote Sensing of Oil Spills, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 361-386, 1990.

Fingas, M.F., Studies on the Evaporation of Oil Spills, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 189-212, 1994.

Fingas, M.F., The Evaporation of Oil Spills, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 43-60, 1995.

Fingas, M.F., The Evaporation of Oil Spills: Variation with Temperature and Correlation with Distillation Data, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 29-72, 1996.

Fingas, M.F., The Evaporation of Oil Spills: Predictions of Equations Using Distillation Data, *Proceedings of the Twentieth AMOP Technical Seminar*, pp. 1-20, 1997.

Fingas, M.F., In-situ Burning of Oil Emulsion: Small-scale Burns, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 809-817, 2002.

Fingas, M.F., Measurement of Energy in Laboratory Vessels, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 79-97, 2003.

Fingas, M.F., Energy and Work Input in Laboratory Vessels, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-18, 2004.

Fingas, M.F., Measurement of Energy in Laboratory Vessels - III, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-16, 2005.

Fingas, M.F., Estimation of Oil Spill Behaviour Parameters from Readily-available Oil Properties, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-34, 2007.

Fingas, M.F. and C.E. Brown, Review of the Visibility of Oil Slicks and Oil Discharges on Water, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 819-840, 1998.

Fingas, M.F. and C.E. Brown, Detection of Oil in and under Ice, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 199-214, 2002.

Fingas, M.F. and B.P. Hollebhone, Behaviour of Oil in Freezing Environments: A Literature Review, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1191-1205, 2002.

Fingas, M.F. and B.G. Fieldhouse, Studies of Water-in-oil Emulsions: Formation of Water-in-oil States from Heavy Oils, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-12, 2003.

Fingas, M.F. and B.G. Fieldhouse, Modelling of Water-in-oil Emulsions, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 335-350, 2004.

Fingas, M.F. and L. Ka'ahue, Weather Windows for Oil Spill Countermeasures, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 881-955, 2004.

Fingas, M.F. and L. Ka'ahue, Review of Monitoring Protocols for Dispersant Effectiveness, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 977-1002, 2004.

Fingas, M.F. and L. Ka'ahue, Dispersant Field Testing - A Review of Procedures and Considerations, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1017-1046, 2004.

Fingas, M.F. and L. Ka'ahue, Dispersant Tank Testing - A Review of Procedures and Considerations, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1003-1016, 2004.

Fingas, M.F. and C.E. Brown, An Update on Oil Spill Remote Sensors, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 825-859, 2005.

Fingas, M.F. and B.G. Fieldhouse, An Update to the Modelling of Water-in-oil Emulsions, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 923-938, 2005.

Fingas, M.F. and L. Ka'aihue, A Literature Review of the Variation of Dispersant Effectiveness with Salinity, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1043-1083, 2005.

Fingas, M.F. and B.G. Fieldhouse, A Review of Knowledge on Water-in-oil Emulsions, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-56, 2006.

Fingas, M.F. and L. Ka'aihue, Oil Spill Dispersion Stability and Oil Re-surfacing, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 729-819, 2006.

Fingas, M.F., K.A. Hughes, and M.A. Schweitzer, Dispersant Testing at the Environmental Emergencies Technology Division, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 343-356, 1987.

Fingas, M.F., M. DiFruscio, B. White, N.D. Stone, and E.J. Tennyson, Studies on the Mechanism of Dispersant Action: Weathering and Selection of Alkanes, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 61-89, 1989.

Fingas, M.F., B. Kolokowski, and E.J. Tennyson, Study of Oil Spill Dispersants - Effectiveness and Physical Studies, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 265-287, 1990.

Fingas, M.F., D.A. Kyle, I.D. Bier, A. Lukose, and E.J. Tennyson, Physical and Chemical Studies on Oil Spill Dispersants: The Effect of Energy, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 87-106, 1991.

Fingas, M.F., M. Fruhwirth, and R.L. Gamble, Oil Spill Remote Sensing Sensors and Aircraft, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 407-425, 1992.

Fingas, M.F., D.A. Kyle, and E.J. Tennyson, Physical and Chemical Studies on Oil Spill Dispersants: Effectiveness Variation with Energy, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 135-142, 1992.

Fingas, M.F., K. Li, F. Ackermen, P.R. Campagna, R.D. Turpin, S.J. Getty, M.F. Soleki, M.J. Trespalacios, J.R.J. Paré, M.C. Bissonnette, and E.J. Tennyson, Emissions from Mesoscale In-situ Oil Fires: The Mobile 1991 and 1992 Tests, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 749-821, 1993.

Fingas, M.F., D.A. Kyle, and E.J. Tennyson, Physical and Chemical Studies on Dispersants: The Effect of Dispersant Amount and Energy, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 861-876, 1993.

Fingas, M.F., B.G. Fieldhouse, I.D. Bier, D. Conrod, and E.J. Tennyson, Development of a Test for Water-in-oil Emulsion Breakers, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 909-954, 1993.

Fingas, M.F., B.G. Fieldhouse, and J.V. Mullin, Studies of Water-in-oil Emulsions and Techniques to Measure Emulsion Treating Agents, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 213-244, 1994.

Fingas, M.F., D.A. Kyle, Z.D. Wang, F. Ackerman, and J.V. Mullin, Testing of Oil Spill Dispersant Effectiveness in the Laboratory, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 905-941, 1994.

Fingas, M.F., G. Halley, F. Ackerman, N. Vanderkooy, R.D. Nelson, M.C. Bissonnette, N.D. Laroche, P.G. Lambert, P.L. Jokuty, K. Li, W. Halley, G. Warbanski, P.R. Campagna, R.D. Turpin, M.J. Trespalacios, D.F. Dickins, E.J. Tennyson, D.V. Aurand, and R.R. Hiltabrand, The Newfoundland Offshore Burn Experiment (NOBE) - Experimental Design and Overview, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1053-1063, 1994.

Fingas, M.F., F. Ackerman, K. Li, P.G. Lambert, Z.D. Wang, M.C. Bissonnette, P.R. Campagna, P. Boileau, N.D. Laroche, P.L. Jokuty, R.D. Nelson, R.D. Turpin, M.J. Trespalacios, G. Halley, J.M.R. Bélanger, J.R.J. Paré, N. Vanderkooy, E.J. Tennyson, D.V. Aurand, and R.R. Hiltabrand, The Newfoundland Offshore Burn Experiment (NOBE) - Preliminary Results of Emissions Measurement, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1099-1164, 1994.

Fingas, M.F., B.G. Fieldhouse, R.L. Gamble, and J.V. Mullin, Studies of Water-in-oil Emulsions: Stability Classes and Measurement, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 21-42, 1995.

Fingas, M.F., D.A. Kyle, P.G. Lambert, Z.D. Wang, and J.V. Mullin, Analytical Procedures for Measuring Oil Spill Dispersant Effectiveness in the Laboratory, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 339-354, 1995.

Fingas, M.F., F. Ackerman, P.G. Lambert, K. Li, Z.D. Wang, J.V. Mullin, L. Hannon, D. Wang, A. Steenkammer, R.R. Hiltabrand, R.D. Turpin, and P.R. Campagna, The Newfoundland Offshore Burn Experiment: Further Results of Emissions Measurement, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 915-995, 1995.

Fingas, M.F., F. Ackerman, P.G. Lambert, K. Li, Z.D. Wang, R.D. Nelson, M.D. Goldthorp, J.V. Mullin, L. Hannon, D. Wang, A. Steenkammer, S. Schuetz, R.D. Turpin, P.R. Campagna, L. Graham, and R.R. Hiltabrand, Emissions from Mesoscale In Situ Oil (Diesel) Fires: The Mobile 1994 Experiments, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 907-978, 1996.

Fingas, M.F., D.A. Kyle, Z.D. Wang, E. Huang, and J.V. Mullin, Characterization of Oil in the Water Column and on the Surface after Chemical Dispersion, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 481-496, 1996.

Fingas, M.F., B.G. Fieldhouse, and J.V. Mullin, Studies of Water-in-oil Emulsions: The Role of Asphaltenes and Resins, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 73-88, 1996.

Fingas, M.F., K. Li, F. Ackerman, Z.D. Wang, P.G. Lambert, R.L. Gamble, M.J. Trespalacios, S. Schuetz, R.D. Turpin, and P.R. Campagna, Soot Production from In-situ Oil Fires: Review of the Literature, Measurement and Estimation Techniques and Calculation of Values from Experimental Spills, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 999-1032, 1996.

Fingas, M.F., B.G. Fieldhouse, and J.V. Mullin, Studies of Water-in-oil Emulsions: Stability Studies, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 21-42, 1997.

Fingas, M.F., E. Huang, B.G. Fieldhouse, L. Wang, and J.V. Mullin, The Effect of Energy, Settling Time and Shaking Time on the Swirling Flask Dispersant Apparatus, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 541-550, 1997.

Fingas, M.F., B.G. Fieldhouse, and J.V. Mullin, Studies of Water-in-Oil Emulsions: Stability and Oil Properties, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-25, 1998.

Fingas, M.F., P.G. Lambert, F. Ackerman, B.G. Fieldhouse, R.D. Nelson, M.D. Goldthorp, M.M. Punt, S.J. Whitar, P.R. Campagna, D.B. Mickunas, R.D. Turpin, R.J. Nadeau, S. Schuetz, M. Morganti, and R.R. Hiltabrand, Particulate and Carbon Dioxide Emissions from Diesel Fires: The Mobile 1997 Experiments, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 569-598, 1998.

Fingas, M.F., B.G. Fieldhouse, Z.D. Wang, L. Sigouin, and J.V. Mullin, The Development and Application of a Modified Analytical Procedure for Laboratory Dispersant Testing, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 271-280, 1998.

Fingas, M.F., B.G. Fieldhouse, and J.V. Mullin, Studies of Water-in-Oil Emulsions: Energy Threshold of Emulsion Formation, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 57-68, 1999.

Fingas, M.F., B.G. Fieldhouse, Z.D. Wang, L. Sigouin, M. Landriault, and J.V. Mullin, Analytical Procedures for Dispersant Effectiveness Testing, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 231-241, 1999.

Fingas, M.F., F. Ackerman, P.G. Lambert, K. Li, Z.D. Wang, R.D. Nelson, M.D. Goldthorp, R.D. Turpin, P.R. Campagna, S. Schuetz, M. Morganti, and R.R. Hiltabrand, Studies of Emissions from Oil Fires, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 467-518, 1999.

Fingas, M.F., Z.D. Wang, P.G. Lambert, F. Ackerman, B.G. Fieldhouse, R.D. Nelson, M.D. Goldthorp, S.J. Whiticar, K. Li, P.R. Campagna, D.B. Mickunas, R.D. Turpin, R.J. Nadeau, S. Schuetz, M. Morganti, and R.R. Hiltabrand, Emissions from Mesoscale In-situ Oil (Diesel) Fires: Gases, PAHs and VOCs from the Mobile 1997 Experiments, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 567-597, 1999.

Fingas, M.F., C.E. Brown, and R.L. Gamble, The Visibility and Detectability of Oil Slicks and Oil Discharges on Water, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 865-886, 1999.

Fingas, M.F., B.G. Fieldhouse, J. Lane, and J.V. Mullin, Studies of Water-in-oil Emulsions: Energy and Work Threshold for Emulsion Formation, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 19-36, 2000.

Fingas, M.F., B.F. Fieldhouse, J. Lane, and J.V. Mullin, Studies of Water-in-oil Emulsions: Long-term Stability, Oil Properties, and Emulsions Formed at Sea, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 145-160, 2000.

Fingas, M.F., B.G. Fieldhouse, Z.D. Wang, L. Sigouin, M. Landriault, and J.V. Mullin, Recent Results from Dispersant Testing, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 681-695, 2000.

Fingas, M.F., Z.D. Wang, P.G. Lambert., F. Ackerman, K. Li, M.D. Goldthorp, S.J. Whiticar, R.D. Nelson, P.R. Campagna, R.D. Turpin, R.J. Nadeau, S. Schuetz, M. Morganti, and R.R. Hiltabrand, Emissions from Mesoscale In-situ Oil (Diesel) Fires: Emissions from the Mobile 1998 Experiments, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 857-901, 2000.

Fingas, M.F., B.G. Fieldhouse, and P.L. Jokuty, Vegetable Oil Spills: Oil Properties and Behaviour, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 13-22, 2001.

Fingas, M.F., B.G. Fieldhouse, P.G. Lambert, J. Lane, and J.V. Mullin, Studies of Water-in-oil Emulsions: Testing of Emulsion Formation in OHMSETT, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 47-63, 2001.

Fingas, M.F., B.G. Fieldhouse, L. Lerouge, J. Lane, and J.V. Mullin, Studies of Water-in-oil Emulsions: Energy and Work Threshold as a Function of Temperature, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 65-77, 2001.

Fingas, M.F., B.G. Fieldhouse, L. Sigouin, Z.D. Wang, and J.V. Mullin, Dispersant Effectiveness Testing: Laboratory Studies of Fresh and Weathered Oils, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 551-566, 2001.

Fingas, M.F., P.G. Lambert, Z.D. Wang, K. Li, F. Ackerman, M.D. Goldthorp, R.D. Turpin, P.R. Campagna, R.J. Nadeau, and R.R. Hiltabrand, Studies of Emissions from Oil Fires, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 767-823, 2001.

Fingas, M.F., Z.D. Wang, M. Landriault, and J. Noonan, The Dynamics of Orimulsion in Water with Varying Salinity and Temperature, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 13-27, 2002.

Fingas, M.F., B.G. Fieldhouse, J. Noonan, P.G. Lambert, J. Lane, and J.V. Mullin, Studies of Water-in-oil Emulsions: Testing of Emulsion Formation in OHMSETT, Year II, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 29-44, 2002.

Fingas, M.F., L. Sigouin, Z.D. Wang, and G. Thouin, Resurfacing of Dispersed Oil with Time in the Swirling Flask, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 773-783, 2002.

Fingas, M.F., B.P. Hollebone, Z.D. Wang, P.L. Smith, and R. MacKay, The Properties of Heavy Oils and Orimulsion: Another Look, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 43-62, 2003.

Fingas, M.F., P.G. Lambert, M.D. Goldthorp, and R.L. Gamble, In-situ Burning of Orimulsion: Mid-scale Burns, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 649-660, 2003.

Fingas, M.F., Z.D. Wang, B.G. Fieldhouse, and P.L. Smith, The Correlation of Chemical Characteristics of an Oil to Dispersant Effectiveness, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 679-730, 2003.

Fingas, M.F., G. Thouin, Z.D. Wang, and B.G. Fieldhouse, Dispersed Oil Resurfacing with Time, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 731-742, 2003.

Fingas, M.F., B.G. Fieldhouse, and Z.D. Wang, The Dynamics of Orimulsion in Water with Varying Energy, Salinity and Temperature, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 39-55, 2004.

Fingas, M.F., B.G. Fieldhouse, C.E. Brown, R.L. Gamble, and D.W. Cooper, In-situ Burning of Heavy Oils and Orimulsion: Mid-scale Burns, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 207-233, 2004.

Fingas, M.F., B.G. Fieldhouse, and Z.D. Wang, Dispersant Testing - Study on Analytical and Test Procedures, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 807-817, 2004.

Fingas, M.F., Z.D. Wang, B.G. Fieldhouse, C.E. Brown, C. Yang, M. Landriault, and D.W. Cooper, In-situ Burning of Heavy Oils and Orimulsion: Analysis of Soot and Residue, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 333-348, 2005.

Fingas, M.F., B.G. Fieldhouse, and Z.D. Wang, The Effectiveness of Dispersants under Various Temperature and Salinity Regimes, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 377-391, 2005.

Fingas, M.F., B.P. Hollebone, and B.G. Fieldhouse, The Density Behaviour of Heavy Oils in Water, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 57-77, 2006.

Fingas, M.F., B.G. Fieldhouse, and Z.D. Wang, The Effectiveness of Dispersants on Alaska North Slope Crude Oil under Various Temperature and Salinity Regimes, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 821-826, 2006.

Fink, R.P. and W.S. Duval, The Sub-lethal and Lethal Effects of the Water-soluble Fraction of Prudhoe Bay Crude Oil on Juvenile Cotto Salmon *Oncorhynchus kisutch*, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 158-181, 1980.

Fink, R.P., L.A. Harwood, and W.S. Duval, The Sublethal Effects of Dispersed Crude Oil on an Estuarine Isopod, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 115-138, 1981.

Finnigan, T.D., Synopsis of an Oil Spill Modeling Workshop, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 657-669, 1996.

Fiocco, R.J., P.S. Daling, G. DeMarco, R.R. Lessard, and G.P. Canevari, Chemical Dispersibility Study of Heavy Bunker Fuel Oil, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 173-186, 1999.

Fitzpatrick, M., R.E. Francois, and C.D. McKindra, Oil Spill Detection under Ice - Status Report, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 207-215, 1983.

Fitzpatrick, M., I.M. Lissauer, and L. Hachmeister, An Environmental Atlas for the Alaskan Beaufort Sea, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 393-401, 1984.

Folley, G., L.A. Pearson, C. Crosby, E.G. DeCola, and T.L. Robertson, The Alaska Commercial Fisheries Water Quality Sampling Methods and Procedures Manual, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 285-299, 2006.

Foster, J., Background Information for Developing Marine Oil Spill Countermeasures - Biological and Social Components, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 18-30, 1978.

Foy, M.G., Acute Lethal Toxicity of Prudhoe Bay Crude Oil and Corexit 9527 to Arctic Marine Invertebrates and Fish from Frobisher Bay, NWT, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 72-80, 1979.

Foy, M.G. and A.D. Sekerak, Acute Lethal Toxicity of Oil/Dispersant Mixtures to Selected Arctic Species, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 106-113, 1978.

Fraser, J.P. and E.J. Tennyson, Oil Spills of Opportunity - An Appropriate Place for Response Research?, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 255-269, 1993.

Fraser, J.P. and M. Wicks III, Estimation of Maximum Stable Oil Droplet Sizes at Sea Resulting from Natural Dispersion and from Use of a Dispersant, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 313-316, 1995.

Fraser, J.P., I.A. Buist, and J.V. Mullin, A Review of the Literature on Soot Production during In-situ Burning of Oil, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1365-1405, 1997.

Fredrikson, G., Cost-benefit Analysis of Oil Pollution Combat Alternatives, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 485-498, 1982.

Fredriksson, D.W., C.S. Albro, and S.A. Ostazeski, Hydrodynamic Calibration of a Meso-scale, Wind-Wave Flume Basin for the Study of Spilled Oil, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1541-1553, 1996.

Free, A.P., J.C. Cox, and L.A. Schultz, Laboratory Studies of Oil Spill Behaviour in Broken Ice Fields, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 3-14, 1982.

French, D.P., Modeling the Impacts of the *North Cape Oil Spill*, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 387-430, 1998.

French, D.P., Estimation of Oil Toxicity Using an Additive Toxicity Model, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 561-600, 2000.

French, D.P. and D.L. Mendelsohn, Development and Application of an Orimulsion Spill Fate and Effects Model, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 769-792, 1995.

French, D.P., E.M. Howlett, and D.L. Mendelsohn, Oil and Chemical Spill Impact Model System Description and Application, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 815-835, 1994.

French, D.P., H.M. Rines, and P. Masciángioli, Validation of an Orimulsion Spill Fates Model Using Observations from Field Test Spills, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 933-961, 1997.

French, D.P., H.Z. Schuttenberg, and T. Isaji, Probabilities of Oil Exceeding Thresholds of Concern: Examples from an Evaluation for Florida Power and Light, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 243-270, 1999.

French McCay, D.P. and J.R. Payne, Model of Oil Fate and Water Concentrations with and without Application of Dispersants, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 611-645, 2001.

French McCay, D.P., N. Whittier, S. Sankaranarayanan, J. Jennings, and D. Schmidt Etkin, Modeling Fates and Impacts for Bio-economic Analysis of Hypothetical Oil Spill Scenarios in San Francisco Bay, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1051-1074, 2002.

French McCay, D.P., N. Whittier, T. Isaji, and W. Saunders, Assessment of the Potential Impacts of Oil Spills in the James River, Virginia, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 857-877, 2003.

French McCay, D.P. and J.J. Rowe, Evaluation of Bird Impacts in Historical Oil Spill Cases Using the SIMAP Oil Spill Model, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 421-452, 2004.

French McCay, D.P., N. Whittier, J.J. Rowe, S. Sankaranarayanan, H.-S. Kim, and D.V. Aurand, Use of Probabilistic Trajectory and Impact Modeling to Assess Consequences of Oil Spills with Various Response Strategies, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 253-271, 2005.

French McCay, D.P., J.J. Rowe, S. Sankaranarayanan, and D. Schmidt Etkin, Data Needs to Reliably Hindcast a Spill's Impact: The PEPCO Pipeline Spill of April 2000 as Case Example, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 827-853, 2006.

French McCay, D.P., J.J. Rowe, W. Nordhausen, and J.R. Payne, Modeling Potential Impacts of Effective Dispersant Use on Aquatic Biota, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 855-878, 2006.

French McCay, D.P., C. Mueller, K. Jayko, B. Longval, M. Schroeder, E. Terrill, M. Carter, M. Otero, S.Y. Kim, J.R. Payne, W. Nordhausen, M. Lampinen, and C. Ohlmann, Evaluation of Field-collected Data Measuring Fluorescein Dye Movements and Dispersion for Dispersed Oil Transport Modeling, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 713-754, 2007.

Frish, M.B., M.A. DeFaccio, P.E. Nebolsine, and G.A. Simons, Laser Ignition of Arctic Marine Oil Spills, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 166-175, 1985.

Frish, M.B., P.E. Nebolsine, M.A. DeFaccio, H. Scholaert, W. Kung, and J. Wong, Laser Ignition of Arctic Oil Spills: Engineering Design, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 203-221, 1986.

Frish, M.B., V. Gauthier, J. Frank, and P.E. Nebolsine, Laser Ignition of Oil Spills: Telescope Assembly and Testing, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 277-287, 1988.

Fritz, D.E., E. Taylor, A.E. Steen, and J.R. Williams, An Annotated Bibliography of Environmental and Human Health Effects from Inland Freshwater Oil Spills, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 501-504, 1994.

Fuller, C.B., J.S. Bonner, T.J. McDonald, C.A. Page, G.E. Bragin, J.R. Clark, D.V. Aurand, A. Hernandez, and A.N.S. Ernest, Comparative Toxicity of Simulated Beach Sediments Impacted with Both Whole and Chemical Dispersions of Weathered Arabian Medium Crude Oil, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 659-670, 1999.

Fuller, C.B., J.S. Bonner, S. Dellamea, S. Ussery, P. Tissot, P. Louchouart, C.A. Page, and McDonald, T.J., Ecological Evaluation of Shoreline Cleaners Used on Oiled Mesocosm Sandy Beaches, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 795-803, 2000.

Fuller, C.B., J.S. Bonner, J.D. Bujnoch, S.F. Ussery, G. Arrambide, and M.C. Sterling Jr., A Re-circulated Toxicity Exposure Chamber to Evaluate Hydrocarbon Dispersions, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 865-875, 2002.

Fuller, C.B., J.S. Bonner, C.A. Page, G. Arrambide, M.C. Sterling, Jr., and T.O. Ojo, Field Instruments for Real Time In-situ Crude Oil Concentration Measurements, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 755-764, 2003.

Futsæter, G., Oil Pollution in the Marine Environment, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 307-324, 1991.

Galagan, C.W., E.M. Howlett, and A.J. Brown, PC-Based Visualization of Geographically Referenced Environmental Data, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 23-29, 1992.

Galagan, C.W., E.M. Howlett, and E.L. Anderson, Development of an Integrated Forms Management and GIS Application for Spill Response, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 767-771, 1999.

García-Martínez, R., J.J. Rodríguez-Molina, F. Camacho, and P. Masciángioli, ORITRACK: A Mathematical Model for Oil Emulsion Spills in Water, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 857-868, 1996.

García-Martínez, R., L.J. Mata, and H. Flores-Tovar, A Correction to the MacKay Oil Spreading Formulation, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1627-1635, 1996.

Garo, J.P., J.P. Vantelon, S. Gandhi, and J.L. Torero, Some Observations on the Pre-boilover Burning of a Slick of Oil on Water, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1611-1626, 1996.

Garrett, B.P., W.G. Tidmarsh, and R. Mitchner, Evaluation of Remote Sensing Technology for Monitoring Low Volume Oil Discharges from Offshore Well Sites, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 303-323, 1985.

Garrett, B.P., R.M. Gershey, and D.R. Green, Evaluation of Remote Sensing Sentinel Instrumentation for Detecting Oil Discharges from Offshore Platforms, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 447-461, 1986.

Garrett, R.M., I.J. Pickering, C.E. Haith, and R.C. Prince, Photooxidation of Polycyclic Aromatic Hydrocarbons in Crude Oils, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 99-114, 1998.

Gästgifvars, M., C. Ambjörn, and L. Funkquist, Operational Modelling of the Trajectory and Fate of Spills in the Baltic Sea, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1115-1129, 2002.

Germano, J.D., Sediment Profile Imaging: A Rapid Seafloor Impact Assessment Tool for Oil Spills, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1271-1279, 1995.

Gershey, R.M. and B. Batstone, Field Tests of Elastol and Demoussifier, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 443-453, 1988.

Gesser, H.D. and C.W. Turner, Study on the Enhancement of the Photochemical Oxidation of Crude Oil by Sensitizers, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 100-105, 1978.

Gibbs, L., D. Cianciarelli, and R. Mortazavi, Remediation of Oil-contaminated Gravel Using a Fluidized Bed Combustor, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 477-484, 1993.

Giesen, J.H., Development of Exercise Design, Development and Implementation Protocol in the Utilization of Simulators for Response Management Training, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 275-288, 1997.

Gilfillan, E.S., E.J. Harner, J.E. O'Reilly, and W.A. Burns, A Comparison of Shoreline Assessment Study Designs Used for the *Exxon Valdez* Oil Spill, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 615-629, 1996.

Gilfillan, E.S., D.S. Page, J.M. Neff, K.R. Parker, and P.D. Boehm, 1999 Shoreline Conditions in the *Exxon Valdez* Oil Spill Zone in Prince William Sound, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 281-294, 2000.

Gill, S.D., A Perspective of Practical Difficulties Encountered in Oil Spills, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 524-528, 1980.

Gill, S.D. and C.W. Ross, Aerial Application of Oil Spill Dispersants, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 328-340, 1980.

Gill, S.D. and C.W. Ross, 1981 Dispersant Application Field Trial - St. John's, Newfoundland, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 255-263, 1982.

Gill, R.J., T.E. Keliher, J.R. Rossiter, N. Rich, and M.P. Bruce-Lockhart, A Feasibility Study of Surface Techniques for the Detection of Oil under Ice, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 349-364, 1979.

Gobas, F.A.P.C., A Model for Exposure and Toxicological Impact Assessment of Aromatic Hydrocarbon Spills in the Aquatic Environment, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 279-296, 1989.

Gobas, F.A.P.C. and D. Mackay, Progress toward Understanding the Phenomena of Hydrocarbon Bioaccumulation, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 91-102, 1985.

Godon, A. and J.H. Milgram, In-tank Dispersant Mixing Study, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 543-562, 1986.

Goncharov, V.K., Dynamics of Gas Bubbles at Great Depth in Application to the Problem of Detection of Gas Escapes from Wells and Marine Pipelines, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 45-56, 2002.

Goncharov, V.K., The Complex Factor of Ecological Risk and its Application for Planning the Marine Transport of Crude Oil, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 287-293, 2004.

Goncharov, V.K. and I.V. Ivanov, Evaluating Environmental Effects of Oil Spills by Simulating the Behavior and Spreading of Oil on the Sea Surface, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 949-957, 2005.

Goobie, G.I., T.E. Laidley, and E.M. Reimer, C-Core Oil Spill Research Activities, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 623-643, 1981.

Goodman, J.C., Arctic Response Strategy Canadian Coast Guard, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 185-189, 2000.

Goodman, R.H., Ice Movement Buoys for Tracking Oil Spills, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 246-259, 1978.

Goodman, R.H., The Exxon Valdez Incident - One Year Later, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 475-477, 1990.

Goodman, R.H., Remote Sensing - What Do You Really Need?, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 479-485, 1990.

Goodman, R.H., When Less is Best - The Dilemma of Accurate Mapping, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 525-526, 1991.

Goodman, R.H., Will Specialized Equipment and Supplies Needed for an Oil Spill Response Be Available When You Need Them?, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 253-260, 1992.

Goodman, R.H., Computer-based Training for Oil Spill Management, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 221-224, 1993.

Goodman, R.H., Input Data Sources for Oil Spill Models, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 529-537, 1993.

Goodman, R.H., Limited Data Sets and the Statistical Validity of Oil Spill Response Data, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 895-903, 1994.

Goodman, R.H., Are OSR (Oil Spill Research) and OSR (Oil Spill Response) Two Solitudes?, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 285-295, 2002.

Goodman, R.H., Is SMART Really that Smart?, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 779-786, 2003.

Goodman, R.H., Mass Balance Myths, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 19-27, 2004.

Goodman, R.H., Why Do Oil Spills Create a Paper Blizzard?, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 203-207, 2005.

Goodman, R.H., Oil Spill Research: Salt Water and Fresh Water, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 195-198, 2006.

Goodman, R.H., Wabamun: A Major Inland Spill, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1021-1032, 2006.

Goodman, R.H., Technology Needs for the Later Phases of an Oil Spill, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 203-210, 2007.

Goodman, R.H. and M.F. Fingas, Detection of Oil-under-ice - A Joint Esso/EPS Project, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 233-240, 1983.

Goodman, R.H. and W.F. MacKay, The Disciplined Approach: A Methodology for Strategic Decisions during an Oil Spill Response, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 375-382, 1985.

Goodman, R.H. and A.G. Holoboff, The Use of Polysulphide Rubber Molds to Measure Oil Storage Volumes, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 459-467, 1987.

Goodman, R.H. and M.F. Fingas, The Use of Remote Sensing in the Determination of Dispersant Effectiveness, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 377-384, 1988.

Goodman, R.H., M.R. MacNeill, and H. Ripley, Remote Sensing Program for the 1983 Offshore Dispersant Trials, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 488-505, 1984.

Goodman, R.H., G. Petersen, and R. Fitch, Use of Remote Sensing during the Freshwater Dispersant Experiments, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 622-634, 1986.

Goodman, R.H., R.J. Woznow, and W.F. MacKay, A New Approach to Emergency Incident Response, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 449-457, 1987.

Goodman, R.H., S. Nadeau, and A.G. Holoboff, The Development and Use of Contemporary Oil Spill Models in the Preparation of a Response Plan for Cold Lake Bitumen, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-10, 1992.

Goodman, R.H., H.M. Brown, P. Nicholson, and S. Penny, Infrared Cameras for the Detection of Oil-on-water, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 415-425, 1995.

Goodman, R.H., H.M. Brown, C.-F. An, and R.D. Rowe, Dynamic Modeling of Oil Boom Failure Using Computational Fluid Dynamics, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 437-455, 1997.

Goodman, R.H., A. Mendoza Quintero-Mármol, K. Bannerman, and G. Stevenson, Spreading of Oil and the Concept of Average Oil Thickness, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 57-71, 2004.

Goto, S., S.M. Varlamov, S.-W. Kim, and D. Miyata, Integration of Web-GIS and Oil Spill Simulation Applications for Environmental Management of Near-shore Spill Accidents, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 167-176, 2001.

Gottelher, S.K., Citizens' Involvement in Monitoring the Alyeska Pipeline in Prince William Sound, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 289-293, 1991.

Gouriou, V., K. Quintin, S. Legrand, Com. Ravin, A. Mazurier, Y. LeJunter, and M. Gicquel, New Tools and Technologies to Manage Operational Data and Help in Decision-making Concerning Shoreline Pollution, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 229-235, 2006.

Graham, G. and I. Morrison, Marine Oil Spill Expert Systems (MOSES), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Ottawa, ON, pp. 261-270, 2004.

Green, D.R., A Microprocessor-controlled Sampler for In-situ Extraction of Hydrocarbons from Water, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 216-222, 1983.

Green, D.R., B. Humphrey, and B. Fowler, The Use of Flow-through Fluorometry for Tracking Dispersed Oil, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 435-444, 1982.

Greenberg, B.M., W.-D. Huang, Y. Gurska, K.E. Gerhardt, W. Wang, M.A. Lampi, C. Zhang, A. Khalid, D. Isherwood, P. Chang, H. Wang, D.G. Dixon, and B.R. Glick, Successful Field Tests of a Multi-process Phytoremediation System for Decontamination of Persistent Petroleum and Organic Contaminants, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 389-400, 2006.

Grenon, S., How to Prioritize Numerous Environmental Issues?, Case Study of the Havre-Saint-Pierre Spill, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 945-951, 2000.

Grenon, S. and M. Boulé, Alternative Methods in the St. Lawrence: Challenges and Decision Making Process According to the Quebec Region Working Group on Marine Spills, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 271-277, 2003.

Griffiths, R.A. and P.C. Deslauriers, Cold Weather Testing at OHMSETT, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 287-305, 1981.

Grilli, S.T., Z. Hu, and M.L. Spaulding, Numerical Modeling of Oil Containment by a Boom, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 343-376, 1996.

Grilli, S.T., T. Fake, and M.L. Spaulding, SlickMap: An Interactive Computer Model of Oil Containment by a Boom, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 953-986, 2000.

Guarino, A., J.-E. Delgado, W.T. Schmidt, M. Crickard, and B.N. Midkiff, Development of Skimmer Testing Protocol Based on ASTM Standards by Minerals Management Service and U.S. Coast Guard at Ohmsett Facility, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 371-386, 2007.

Gudimov, A.V., Zooremediation - A New Biotechnology Solution for Shoreline Protection and Cleanup, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 401-412, 2002.

Guénette, C.C., Experimental Site and Design, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 835-836, 1999 (abstract only).

Guénette, C.C. and I.A. Buist, Development and Testing of a Prototype Rockwasher for Cleaning Oiled Beach Cobbles, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 631-653, 1991.

Guénette, C.C. and I.A. Buist, Testing of the LORI Stiff Brush Skimmer Sweep System, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 451-476, 1993.

Guénette, C.C. and P. Sveum, In-situ Burning of Uncontained Crude Oil and Emulsions, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 997-1010, 1995.

Guénette, C.C. and P. Sveum, Emulsion Breaking Igniters: Recent Developments in Oil Spill Igniter Concepts, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1011-1025, 1995.

Guénette, C.C. and R. Wighus, In-situ Burning of Crude Oil and Emulsions in Broken Ice, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 895-906, 1996.

Guénette, C.C. and J. Thornborough, An Assessment of Two Off-shore Igniter Concepts, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 795-808, 1997.

Guerrero Zúñiga, A. and A.M. Rodríguez Dorantes, Evaluation of Peroxidases from Roots of *Cyperus hermaphroditus* as Enzymatic Mechanisms involved in Phenanthrene Oxidation, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1105-1113, 2006.

Guerrier, P. and G. Tardif, The Health Protection of Riparian Populations in Case of a Major Spill: The St. Lawrence Vision 2000 SHORES Project, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 1299, 1995 (abstract only).

Guerrier, P. and M. Paul, Preparedness Activities Regarding the Protection of Public Health in Case of a Major Oil or Chemical Spill on the St. Lawrence River, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1555-1557, 1996.

Guerrier, P., M. Paul, D. Lefavre, V. Jarry, and M. Colliou, Public Health Risks Associated with Oil and Chemical Spills in Cold Freshwater Environments: A Simulation Exercise Involving a Phenol and Diesel Spill in the St. Lawrence River, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1189-1196, 1997.

Guidry, R.J., From the Incident Command Center Oil Spills from Hurricanes *Katrina* and *Rita*, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 989-1001, 2006.

Gundlach, E.R., A Portable Geographic Information System (GIS) for Spill Response Planning and Response, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 541-550, 1991.

Gundlach, E.R. and M.O. Hayes, The Oil Spill Environmental Sensitivity Index Applied to the Alaskan Coast, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 311-323, 1982.

Gundlach, E.R. and M. Reed, Quantification of Oil Deposition and Removal Rates for a Shoreline/Oil Spill Interaction Model, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 65-76, 1986.

Gundlach, E.R. and D.S. Jensen, Recent NIIMS ICS Enhancements for U.S. Spill Response, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 253-274, 1997.

Guyomarch, J. and F.-X. Merlin, Methodology for Assessing Oil Weathering in a Dedicated Hydraulic Canal: Evolution of the Physical-Chemical Properties and Dispersibility of Various Crudes, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 37-57, 2000.

Guyomarch, J., F.-X. Merlin, and P. Bernanose, Oil Interaction with Mineral Fines and Chemical Dispersion: Behaviour of the Dispersed Oil in Coastal or Estuarine Conditions, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 137-149, 1999.

Guyomarch, J., F.-X. Merlin, and S. Colin, Study of the Feasibility of Chemical Dispersion of Viscous Oils and Water-in-oil Emulsions, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 219-230, 1999.

Hankins, P.F., M.T. Bronson, and D.A. Wilson, The Graphical Resource Database: Vital Tools for Response Strategies, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 217-224, 2000.

Hann Jr., R.W., The Alaska Coastal Communities Cooperative: The Concept and Feasibility, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 281-291, 1992.

Hansen, A.B. and J. Avniskjold, Allocation of Multiple, Widely Spread Oil Spills Associated with One Polluter: GC-MS Fingerprinting and Diagnostic Ratios of Spilled Oil and Oiled Seabirds, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 169-182, 2005.

Hansen, D.J. and M. Van Aanhout, Environmental Auditing of Ships: An Effective Tool for Minimizing Environmental Risk at Sea, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 171-181, 1995.

Hansen, K.A., Equipment Evaluation of Fast-water Oil Recovery Equipment, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 367-384, 2000.

Hansen, K.A., Second Phase Evaluation of Fire Resistant Booms: Containment Performance, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 429-445, 2000.

Hansen, K.A., Development of a Fast-water Field Guide, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 237-249, 2001.

- Hansen, K.A., Fast Water Oil Spill Response, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 169-179, 2002.
- Hansen, K.A., D.S. DeVitis, S. Ellis, S.G. Potter, and T. Coe, Evaluation of Fast-water Oil Recovery Equipment, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 251-273, 2001.
- Harner, T., A. Cassamalli, and D. Mackay, A Novel Submersible Sparger for Sensing Dissolved Hydrocarbons in the Vicinity of Oil Slicks, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 189-202, 1993.
- Harper, J.R. and F. Beech, Fraser Estuary Protection Trials, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 324-350, 1985.
- Harper, J.R. and D.E. Howes, Development of a Shoreline Protection Strategy for the West Coast of Vancouver Island, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1149-1162, 1997.
- Harper, J.R., G.A. Robilliard, J. Issacs, and E.H. Owens, Coastal Sensitivity Analysis of the Northern Chukchi Sea Coast of Alaska, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 278-294, 1984.
- Harper, J.R., G.A. Miskulin, D.R. Green, D. Hope, and J.H. Vandermeulen, Experiments on the Fate of Oil in Low Energy Marine Environments, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 383-399, 1985.
- Harper, J.R., J. Dempsey, W.S. Duval, J. Haggarty, B. Humphrey, L.B. Solsberg, and W.G. Tidmarsh, Development of a Directory of Canadian Marine Oilspill Response Specialists, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 207-213, 1991.
- Harper, J.R., D.E. Howes, and P.D. Reimer, Shore-zone Mapping System for Use in Sensitivity Mapping and Shoreline Countermeasures, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 509-523, 1991.
- Harper, J.R., D.F. Dickins, D.E. Howes, and G.A. Sergy, Recent Shoreline Mapping Projects in British Columbia and Significance to Oil Spill Countermeasure Planning, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 293-300, 1992.
- Harper, J.R., G.A. Sergy, and T. Sagayama, Subsurface Oil in Coarse Sediments Experiments (SOCSEX II), *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 867-886, 1995.
- Harper, J.R., G.A. Sergy, and M. Kory, Orimulsion - Sediment Interaction Scoping Experiments, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1121-1132, 1997.

Harper, J.R., S. Ward, and G.A. Sergy, Hydraulic Washing Removal Efficiencies of Orimulsion from Rock Surfaces, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 819-833, 2002.

Harper, J.R., S. Ward, T. Brown, G.A. Sergy, and M. Dempsey, Orimulsion Penetration and Retention in Coarse Sediments, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 835-852, 2002.

Harper, J.R., N. Sloan, P. Bartier, M. Morris, and C. Osborne, ShoreZone Mapping for Haida Gwaii: Relevance for Spill Planning in Northern British Columbia, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 491-508, 2005.

Harris, B.C., J.S. Bonner, and R.L. Autenrieth, Available Nutrient Dynamics in Marsh Sediments Contaminated by an Oil Spill following a Flood, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 685-692, 1997.

Harris, B.C., J.S. Bonner, T.J. McDonald, C.B. Fuller, C.A. Page, P. Dimitriou-Christidis, M.C. Sterling Jr., and R.L. Autenreith, Nutrient Effects on the Biodegradation Rates of Chemically-dispersed Crude Oil, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 877-893, 2002.

Harris, B.C., J.S. Bonner, T.J. McDonald, C.B. Fuller, C.A. Page, P. Dimitriou-Christidis, M.C. Sterling Jr., and R.L. Autenreith, Bioavailability of Chemically-dispersed Crude Oil, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 895-905, 2002.

Harris, G.W. and P.G. Wells, Laboratory Effectiveness Testing of Oil Spill Dispersants, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 305-316, 1980.

Harris, G.W., P.G. Wells, A.M. Bobra, and F. Abbott, The Comparative Toxicology of Oil Spill Dispersants to Fish - Implications for Canada's Dispersant Toxicity Guidelines and the Protection of Marine Environment Quality, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 485-495, 1986.

Hartley Sr., A.E., Overview of the Kolva River Basin 1995 Oil Recovery and Mitigation Project, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1301-1307, 1996.

Harvey, T.C., Prevention of Oiled Wildlife (POW) Project, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 253-264, 1998.

Hawke, L., A. Dumouchel, M.F. Fingas, and C.E. Brown, Air-deployable Oil Spill Sampling Devices Review Phase II - Testing, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 469-487, 2007.

Hay, A.E. and L.W. Davidson, Remote Acoustic Monitoring of the Dispersion of Oil from a Controlled Spill: An Experimental Study, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 506-525, 1984.

Helton, D. and H. Hope, Opening Doors to Natural Resource Damage Assessments: Public Participation under the Oil Pollution Act of 1990, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 995-1001, 1997.

Helton, D., T. Penn, and R. Hicks, The Cost of Oil Spills: Putting Response and Natural Resource Damage Costs in Perspective, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 981-993, 1997.

Helton, D., J. Michel, and T.J. Reilly, Incorporating Oil Behavior in the Design of Natural Resource Damage Assessment Studies: Three Case Histories, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1003-1014, 1997.

Heras, H., S. Zhou, and R.G. Ackman, Uptake and Depuration of Petroleum Hydrocarbons by Atlantic Salmon: Effect of Different Lipid Levels, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 343-351, 1993.

Herrin-DiNicola, K. and D. Quirk, Training Exchange for Spill Response Managers: A New Program among Cooperatives, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 203-211, 1995.

Hillman, S.O., Alaskan Clean Seas - A 1984 Status Report in Arctic Spill Response, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 423-442, 1984.

Hillman, S.O., Report: Prince William Sound, Alaska - SERVS Implementing the New Age of Spill Prevention and Response, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 401-410, 1994.

Hillman, S.O., Alyeska/SERVS Technological Innovations for Oil Spill Response, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 223-236, 1996.

Hillman, S.O., Oil Spill Response Planning, Training and Facilities for Wildlife in Prince William Sound, Alaska, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 331-342, 1996.

Hillman, S.O., Incident Command System - Environmental Unit Responsibilities, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 215-227, 1997.

Hillman, S.O., W.F. Gusey, and D.W. Chamberlain, ACS Alaskan Bering Sea Coastal Resources Manual, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 397-405, 1987.

Hillman, S.O., S.D. Hood, M.T. Bronson, and G. Shufelt, Dispersant Field Monitoring Procedures, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 521-539, 1997.

Hirt, M., S. Venkatesh, and V.R. Neralla, System for Oil Spill Motion Prediction (SOS) Operational Evaluation - St. John's Experimental Spill, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 451-461, 1982.

Hirvi, J.-P., Summary of the Environmental Effects of the *Antonio Gramsci* Oil Spill in the Gulf of Finland in 1987, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 179-195, 1990.

Hirvi, J.-P., J. Rytönen, and R. Hakala, Oil Pollution Problem in the Baltic Marine Environment, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 307-327, 1989.

Hodgins, D.O., New Capabilities in Real-time Oil Spill and Fate Prediction Using HF Radar Remote Sensing, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 527-539, 1991.

Hodgins, D.O. and J.S. Hardy, Performance of the Seasonde High-frequency Radar System for Surface Current Measurements, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 335-348, 1992.

Hodgins, D.O., J.-H. Huang, D.S. Dunbar, and S.L.M. Hodgins, A High-resolution Coupled Hydrodynamic and Oil Spill Modelling System Applied to the Port of Vancouver, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 39-56, 1991.

Hodgins, D.O., S.L.M. Hodgins, and P.H. LeBlond, A Formalized Risk Analysis Procedure for Oil and Chemical Spills in Coastal and Inland Waters, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 377-390, 1991.

Hodgins, D.O., J.-H. Huang, and M.F. Fingas, Oil Spill Modelling Using Remote Sensed Surface Currents, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 381-405, 1992.

Hodgins, D.O., R.H. Goodman, and M.F. Fingas, Forecasting Surface Currents Measured with HF Radar, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 517-527, 1993.

Hodgins, D.O., R.H. Goodman, M.F. Fingas, and R. Overstreet, Surface Current Measurements in Juan de Fuca Strait Using the SeaSonde HF Radar, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1083-1094, 1993.

Hodgins, D.O., R.H. Goodman, and M.F. Fingas, Remote Sensing of Surface Currents in the Fraser River Plume with the SeaSonde HF Radar, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1207-1217, 1994.

Hodgins, D.O., S.E. Tinis, R.H. Goodman, M.F. Fingas, and C. Bjerkelund, Ocean Surface Feature Identification Using HF Radar in Conjunction with SAR Imagery, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1227-1237, 1994.

Hodgins, D.O., S.S. Salvador, S.E. Tinis, and D. Nazarenko, RADARSAT SAR for Oil Spill Response, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1031-1041, 1997.

Hodson, P.V., S. Zambon, A. Ewert, I. Ibrahim, Y. Kiparissis, M. Windle, K. Lee, and A.D. Venosa, Evaluating the Efficiency of Oil Spill Countermeasures by Monitoring Changes in the Bioavailability and Toxicity to Fish of PAH from Wetland Sediments, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 211-222, 2001.

Hodson, P.V., T. Cross, A. Ewert, S. Zambon, and K. Lee, Evidence for the Bioavailability of PAH from Oiled Beach Sediments In Situ, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 379-388, 2002.

Hodson, P.V., C.W. Khan, G. Saravanabhavan, L. Clarke, R.S. Brown, B.P. Hollebhone, Z.D. Wang, J.W. Short, K. Lee, and T.L. King, Alkyl PAH in Crude Oil Cause Chronic Toxicity to Early Life Stages of Fish, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 291-299, 2007.

Hoff, R.Z., S.A. Blenkinsopp, G.A. Sergy, C. Henry, J. Foght, Z.D. Wang, P. Roberts, and D.W.S. Westlake, Evaluating Biodegradation Potential of Various Oils, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1233-1241, 1995.

Hoffman, R.W. and L. Shier, Additional Investigations of Oil-Sediment Interactions in Alaskan North Slope and TAP Area Rivers, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 129-135, 1999.

Hoffman, R.W., R.C. Belore, and A.J. Mearns, A Comparison of Effluent Discharge Criteria to Oil Spill Dispersion Criteria, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 209-218, 1999.

Hollebone, B.P., Z.D. Wang, M. Landriault, and P.L. Smith, A New Method for the Determination of the Hydrocarbon Groups in Oil: Saturates, Aromatics, Resins and Asphaltenes (SARA), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 31-41, 2003.

Hollebone, B.P., Z.D. Wang, M.F. Fingas, and M. Landriault, Determination of the Aqueous Solubility of Crude Oil in Water-soluble Fractions, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 63-77, 2003.

Hollebone, B.P., C. Yang, D. Lean, O. Nwobu, and J. Belletrutti, Mercury in Canadian Crude Oil, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 17-32, 2005.

Hollebone, B.P., B.G. Fieldhouse, T.C. Lumley, M. Landriault, K.G. Doe, and P.M. Jackman, Aqueous Solubility, Dispersibility and Toxicity of Biodiesels, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 227-243, 2007.

Holoboff, A.G. and R.J. Foster, Saturation/Penetration of Norman Wells Crude Oil into Ukalerk Borrow Pit Sand, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 63-78, 1987.

Hood, S.D., New Strategies for Free Oil Recovery and Nearshore Protection in Prince William Sound, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 267-285, 1995.

Hostettler, F.D. and K.A. Kvenvolden, Alkylcyclohexanes in Environmental Geochemistry, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 489-502, 2002.

Houghton, J.P., R.H. Gilmour, D.C. Lees, W.B. Driskell, and S.C. Lindstrom, Prince William Sound Intertidal Biota - Good News and Bad News Five Years Later, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1075-1093, 1995.

Howes, D.E. and J. Bones, West Coast Oil Spills: British Columbia Initiatives, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 177-189, 1991.

Howlett, E.M., K. Jayko, and M.L. Spaulding, Interfacing Real-time Information with OILMAP, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 539-548, 1993.

Howlett, E.M., E.L. Anderson, and M.L. Spaulding, Environmental and Geographic Data Management Tools for Oil Spill Modeling Applications, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 893-908, 1997.

Hughes, M.R., C. Kasserra, and B.R. Thomas, Effect of Externally Applied Bunker Fuel on Body Mass, Body Temperature, Plasma Concentration, and Water Flux of Glaucous-winged Gulls, *Larus glaucescens*, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 219-230, 1990.

Huijjer, K., Trends in Oil Spills from Tanker Ships 1995-2004, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 319-332, 2005.

Humphrey, B., Persistence of Oil in Subtidal Sediments, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 75-83, 1993.

Humphrey, B., Hindcasting the Persistence of Oil on Shorelines with the SOCS Model, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 685-688, 1996.

Humphrey, B., Sampling and Quantifying Oil in Coarse Sediments, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 843-844, 1999 (abstract only).

Humphrey, B. and J.H. Vandermeulen, The Characterization of Fifteen-year-old Stranded Oil, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 29-38, 1986.

Humphrey, B. and J.R. Harper, Coarse Sediment Oil Persistence: Laboratory Studies and Model, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-10, 1993.

Humphrey, B., G.A. Sergy, and E.H. Owens, Stranded Oil Persistence in Cold Climates, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 401-410, 1990.

Huston, D.A.C., Arctic Skimmer, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 130-142, 1979.

Hutcheson, M.S., R. Odense, R.M. Gershey, and J.H. Vandermeulen, Development of a Continuous Flow Exposure System for Oil Effects Testing, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 169-176, 1987.

Hvidbak, F., The Development and Test of Techniques for Emergency Transfer of Extreme Viscosity Oil, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 339-356, 2001.

Hvidbak, F., Positive Displacement Archimedes' Screw Pumps and Flow Enhancing Techniques. Essential Tools in Response to Spills of Heavy Oil and Bitumen, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 559-575, 2003.

Hvidbak, F. and P. Masciángioli, The Development and Test of Equipment for Rapid Reflotation of Spilled Orimulsion, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 469-480, 2000.

Hvidbak, F., S.M. Jacobsen, and P. Masciángioli, Underwater Remote Detection and Monitoring of Spilled Orimulsion Using Sonar, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 507-518, 2000.

Ibrekk, H., M. Østby, and E. Naess-Ulseth, Evaluation of Strategies for Offshore Oil Spill Combat, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 161-167, 1983.

Ikävalko, J., B. Gerdes, and G. Dieckmann, An Experimental Study on the Effects of Statfjord Crude Oil and Application of Inipol and Fish Meal on the Sea Ice Biota in Svalbard in February - April 2004, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 993-1003, 2005.

Inglis, P.E. and Pullen, T.C., Oil Spill Countermeasures Operation in the Canadian Arctic, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 44-50, 1978.

Inyang, L.E.D., G.E. Essien, B.S. Moses, E.R. Gundlach, E.S. Gilfillan, and D.S. Page, Analysis of Potential Effects of the Idoho-QIT Oil Spill on River-Estuarine Fisheries in Nigeria, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 941-957, 2002.

Isaacs, J., N. Hemming, J.R. Harper, S. Grabacki, and D.C. Lees, Kodiak Island Coastal Sensitivity Study: Balancing Human Use with Oil Residence and Biological Sensitivity, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 362-374, 1985.

Isaji, T., E.M. Howlett, C. Dalton, and E.L. Anderson, Stepwise-Continuous-Variable-Rectangular Grid Hydrodynamics Model, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 597-610, 2001.

Iwamoto, L., T.L. Robertson, and J. Banta, The Alaska Potential Places of Refuge Project: A Key Step in Reducing the Risk of Vessel-source Oil Spills, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 261-266, 2006.

Jackins, P.D., G.C. Guanaurd, and C.D. McKindra, Radar Resonance Reflection from Sets of Plane Dielectric Layers, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 365-390, 1982.

Jacobs, M.A. and D.M. Waldron, Practical, Efficient, and Effective Approaches to Sheltered Water Spills, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 399-405, 1996.

James, R.T.B. and R. Dick, Design of Algorithms for the Real-time Airborne Detection of Littoral Oil Spills by Laser-induced Fluorescence, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1599-1608, 1996.

Jardim, G.M., Reflections on Chevron's Oil Spill Drill Program, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 165-169, 1995.

Jensen, H.V., T.A. McClimans, and B.O. Johannessen, Evaluation of Weir Skimmers without Testing, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 689-704, 1995.

Jensen, H.V., T. Lorenzo, L.B. Solsberg, and N.W. Glover, Status of the Program Mechanical Oil Recovery in Ice Infested Waters (MORICE) Phase 3 - Quantitative Tests, *Proceedings of the Twenty-second AMOP Technical Seminar*, pp. 803-811, 1999.

Jensen, H.V., J.V. Mullin, and J. McHale, MORICE Oil in Ice Testing at OHMSETT, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1269-1283, 2002.

Jenssen, B.M., M. Ekker, D. Vongraven, and M. Silverstone, Body Weight Development and Thermoregulation of Oil-contaminated Grey Seal Pups *Halichoerus grypus* at the Froan Archipelago, Norway, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 155-167, 1991.

Jezequel, R., S. LeFloch, F.-X. Merlin, J. Drewes, and K. Lee, The Influence of Microorganisms on Oil-Mineral Fine Interactions in Low-energy Coastal Environments: Preliminary Results, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 957-962, 1998.

Johannessen, B.Ø. and A. Mjelde, Certification of Oil Spill Response Equipment, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 295-301, 2001.

Johannessen, B.Ø. and S. Holmemo, Off-loading Norne Oil (Waxy Oil) from Storage Tanks on the NOFO Oil Spill Response Vessels, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 387-400, 2001.

Johannessen, B.Ø., S. Løset, and H.V. Jensen, Oil Spill Research in the Cold Environment Laboratory at SINTEF NHL, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1319-1329, 1994.

Johannessen, B.Ø., H.V. Jensen, L.B. Solsberg, and T. Lorenzo, Program for Mechanical Oil Recovery in Ice Infested Waters (MORICE), *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1331-1352, 1997.

Johannessen, B.Ø., H.V. Jensen, T. Lorenzo, and L.B. Solsberg, Status of the Program for Mechanical Oil Recovery in Ice Infested Waters (MORICE) Phase 2 - Laboratory Evaluations, *Proceedings of the Twenty-first AMOP Technical Seminar*, pp. 375-385, 1998.

Johansen, Ø., The Halten Bank Experiment - Observations and Model Studies on Drift and Fate of Oil in Marine Environment, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 18-36, 1984.

Johansen, Ø. and K. Skognes, Statistical Simulations of Oil Drift for Environmental Risk Assessments and Consequence Studies, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 355-366, 1988.

Johnson, W.R. and T. Paluszkiwicz, Risk Assessment Initiatives in the U.S. Beaufort Sea, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 197-210, 1992.

Johnson, I., P.L. Jokuty, K.G. Doe, and S.A. Blenkinsopp, A Review of Methods Used in the Preparation and Analysis of Orimulsion Related Samples (Part 2 - Aquatic Toxicology), *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 261-280, 2000.

Jokuty, P., M.F. Fingas, and S.J. Whitarcar, Oil Analytical Techniques for Environmental Purposes, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 245-260, 1994.

Jokuty, P., S.J. Whitarcar, M.F. Fingas, E. Meyer, and C. Knobel, Hydrocarbon Groups and their Relationships to Oil Properties and Behaviour, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-19, 1995.

Jokuty, P., S.J. Whitarcar, B.G. Fieldhouse, Z.D. Wang, P.G. Lambert, and M.F. Fingas, A Review of Methods Used in the Preparation and Analysis of Orimulsion Related Samples, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 151-172, 1999.

Jokuty, P., S.J. Whitarcar, K. McRoberts, and J.V. Mullin, Oil Adhesion Testing - Recent Results, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 9-27, 1996.

Jokuty, P., S.J. Whitarcar, Z.D. Wang, M. Landriault, L. Sigouin, and J.V. Mullin, A New Method for the Determination of Wax Content of Crude Oils, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 63-72, 1997.

Jokuty, P., B.G. Fieldhouse, M.F. Fingas, S.J. Whitarcar, and J. Latour, Bitumen Adhesion as a Function of Time, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 27-32, 1998.

Jokuty, P., B.G. Fieldhouse, M.F. Fingas, S.J. Whiticar, and J. Latour, Characterizing the Dynamics of Orimulsion Spills in Salt, Fresh, and Brackish Water, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 33-49, 1998.

Jones, H.W. and H.W. Kwan, The Detection of Oil Spills under Arctic Ice by Ultrasound, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 391-411, 1982.

Jones, H.W. and H.W. Kwan, The Detection of Crude Oil under Seawater in the Arctic Ocean, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 241-252, 1983.

Jones, H.W., H.W. Kwan, and E.M. Yeatman, On the Design of an Apparatus to Detect Oil Trapped under Sea Ice, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 295-305, 1984.

Jones, H.W., H.W. Kwan, T. Hayman, and E.M. Yeatman, An Apparatus for the Detection of Oil under Ice, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 278-286, 1985.

Jones, H.W., H.W. Kwan, T. Hayman, and E.M. Yeatman, The Detection of Oil under Ice by Ultrasound Using Multiple Element Phased Arrays, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 475-484, 1986.

Jones, R.K., A Simplified Pseudo-component Oil Evaporation Model, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 43-61, 1997.

Jorgenson, M.T., L.W. Krizan, and M.R. Joyce, Bioremediation and Tundra Restoration after an Oil Spill in the Kuparuk Oilfield, Alaska, 1990, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 149-154, 1991.

Jorgenson, M.T., T.C. Cater, M.R. Joyce, and S. Ronzio, Cleanup and Bioremediation of a Crude Oil Spill at Prudhoe Bay, Alaska, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 715-722, 1992.

Jorigne, E.M. and K.-F.V. Wong, Oil Spill Preparedness in the Mediterranean Sea, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 297-310, 1993.

Josefsen, K., P. Sveum, S. Ramstad, S. Markussen, K. Flokvord, S. Krigsvoll, R. Aune, and I. Storrø, In Situ Production of Biosurfactants: An Alternative Method for Dispersing and Bioremediating Marine Oil Spills, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1243-1262, 1995.

Joseph, I.-N., E. Perigó, J.R. Bergueiro-López, A. Pita, M.-A. Mayol, and A. Pérez-Navarro, Enhanced Biodegradation of Pina Cuban Crude Oil by a Culture of Mixed Marine Bacteria, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 745-754, 1998.

Juszko, B.A., D.R. Green, and M.F. Fingas, Sinking of Oil: Water Density Considerations, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 9-13, 1983.

Katsumi, N., The Marine Transport of Oil and Other Noxious Substances in Canadian Coast Guard Central Region 1987-89, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 325-347, 1991.

Katsumi, N., Port Emergency Response Information System (PERIS), *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 315-329, 1996.

Kennicutt II, M.C., I.R. MacDonald, T. Togne, C.P. Giammona, and F.R. Engelhardt, The *Tenyo Maru* Oil Spill: A Multi-spectral Scanning and Sea-truth Experiment, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 349-356, 1992.

Kepkay, P.E., J.B.C. Bugden, K. Lee, and P.M. Stoffyn-Egli, Application of Ultraviolet Fluorescence (UVF) Spectroscopy to Monitor Oil-Mineral Aggregate (OMA) Formation, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1051-1064, 2000.

Kerambrun, L. and F. Clement, Evaluation Tests of Oil Spill Response Equipment Carried out by CEDRE (France) during 1994 and 1995, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 385-397, 1996.

Kerambrun, L. and F. Laruelle, *Erika* Oil Spill: Some Innovations in the French Shoreline Response and Beach Cleanup Methods, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 671-677, 2001.

Kerambrun, L. and N. Beau, The *Prestige* Oil Spill Response on the Sandy Beaches in France, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 539-547, 2005.

Kerambrun, L., M. Lavenant, G. Cariou, H. Poisson, H. Goasguen, and M. Peltier, The *Prestige* Oil Spill Response in the French Coastal Waters: Setting up a Second-line Response System, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 237-242, 2005.

Khan, C.W., S.D. Ramachandran, L.M.J. Clarke, P.V. Hodson, B.P. Hollebone, and Z.D. Wang, EROD Activity (CYP1A) Inducing Compounds in Fractionated Crude Oil, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 773-783, 2004.

Khelifa, A. and R.L. Gamble, Prediction of Tar Ball Formation, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 79-90, 2006.

Khelifa, A., M. Pahlow, A. Vézina, K. Lee, and C.G. Hannah, Numerical Investigation of Impact of Nutrient Inputs from Produced Water on the Marine Planktonic Community, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 323-333, 2003.

Khelifa, A., P.S. Hill, and K. Lee, A Stochastic Model to Predict the Formation of Oil-Mineral Aggregates, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 893-909, 2003.

Khelifa, A., P.S. Hill, and K. Lee, Prediction of Oil Droplet Size Distribution in Agitated Aquatic Environments, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 371-382, 2004.

Khelifa, A., K. Lee, P.S. Hill, and L.O. Ajjolaiya, Modelling the Effect of Sediment Size on OMA Formation, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 383-395, 2004.

Khelfia, A., L.O. Ajjolaiya, P. MacPherson, K. Lee, P.S. Hill, S. Gharbi, and M. Blouin, Validation of OMA Formation in Cold Brackish and Sea Waters, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 527-538, 2005.

Khelifa, A., M.F. Fingas, B.P. Hollebone, and C.E. Brown, Effects of Chemical Dispersants on Oil Physical Properties and Dispersion, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 105-116, 2007.

Khelifa, A., B.G. Fieldhouse, Z.D. Wang, C. Yang, M. Landriault, M.F. Fingas, C.E. Brown, R.L. Gamble, and D. Pjontek, A Laboratory Study on Formation of Oil-SPM Aggregates Using the NIST Standard Reference Material 1941b, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 35-47, 2007.

Kilpatrick, R.D. and A.J. Saecker, Testing of the U.S. Navy's Cold Oil Modifications to the MARCO Class V Oil Skimmer, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 219-242, 1981.

King, T.L. and K. Lee, Assessment of Sediment Quality based on Toxic Equivalent Benzo[A]Pyrene Concentrations, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 793-806, 2004.

Kiparissis, Y., C. Ho, J. Reynolds, N. Henry, P.V. Hodson, and K. Lee, Chronic Toxicity of Oiled Sediments to Japanese Medaka, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 959-968, 2002.

Kitchen, R.B., J.S. Bonner, R.L. Autenrieth, K.C. Donnelly, and A.N.S. Ernest, Introducing COSS: A New and Unique Oil Spill Research Facility, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1327-1330, 1997.

Kitz, C.G., M.J. Szerlog, and S.M. Hyde, Technology and Interactive Software for Oil Spill Planning and Response, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 239-242, 1997.

Kivisild, H.R., W.J. Milne, and P. Jackson, Oil Skimming Vehicle for Ice-infested Waters, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 131-135, 1978.

Klokk, T., Effects of Oil and Clean-up Methods on Shoreline Vegetation, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 113-118, 1986.

Klokk, T., A. Danielsen, and E. Sendstad, Costs and Clean-up Strategies of the Onshore Region of the Norwegian Coast, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 351-361, 1985.

Knudsen, D.C., Experiments in the Detection of Oil-under-ice Using Acoustics, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 253-254, 1983.

Knudsen, O.Ø., P.J. Brandvik, and A. Lewis, Treating Oil Spills with W/O Emulsion Inhibitors - A Laboratory Study of Surfactant Leaching from the Oil to the Water Phase, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1023-1034, 1994.

Kolluru, V.S. and D.L. Mendelsohn, A Simplified Approach to Compute Constants Used in MacKay's Evaporation Model, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 837-856, 1995.

Kolluru, V.S., M.L. Spaulding, and E.L. Anderson, Application and Verification of the Worldwide Oil Spill Model (WOSM) to Selected Spill Events, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 647-667, 1993.

Kolluru, V.S., M.L. Spaulding, and E.L. Anderson, A Three Dimensional Subsurface Oil Dispersion Model Using a Particle Based Approach, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 867-894, 1994.

Koseki, H., Thermography Research for Radiation Measurement of an Oil Spill Fire, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 833-841, 1993.

Kveseth, K., H.M. Seip, K.L. Seip, and K.I. Johannessen, Assessment of Damage from Oil Spills, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 198-206, 1983.

LaBelle, R.P., Oil Spill Trajectory Analysis on the Alaskan Outer Continental Shelf, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 367-376, 1988.

LaBelle, R.P., Risk Assessment of Offshore Oil Spills, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 231-242, 1990.

LaBelle, R.P., Update of Minerals Management Service (MMS) Ocean Drifter Programs, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1195-1206, 1994.

LaBelle, R.P. and W.R. Johnson, Stochastic Oil-spill Analysis for Cook Inlet/Shelikof Strait, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 573-585, 1993.

LaBelle, R.P., J.A. Galt, E.J. Tennyson, and K.B. McGrattan, 1993 Spill off Tampa Bay, A Candidate for Burning?, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 635-649, 1990.

LaBelle, R.P., J.M. Price, W.R. Johnson, and C.F. Marshall, Surface Drifter Deployment in Experimental Oil Spill, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 493-503, 1995.

LaBelle, R.P., C.F. Marshall, and P.P. Niiler, Comparison of Simulated and Observed Surface Currents Used in Oil-spill Model, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 847-855, 1996.

LaBelle, R.P., J.V. Mullin, and A.C. White, Oil Spill Research Program, U.S. Minerals Management Service, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1305-1313, 1997.

Labrie, P. and B. Cyr, Biological Remediation of Shoreline Oily Waste from Marine Spills, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 387-399, 1990.

Ladanowski, C. and L. Petti, Removal of Petroleum-derived Hydrocarbons from Contaminated Soils by Solvent Extraction, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 505-521, 1992.

LaFevers Jr., J.B., Contingency Planning for the New Millennium, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 257-260, 2000.

Laflamme, A., S.R. Leblanc, and R.J. Percy, Maps Help Protect Sensitive Area from Spills - An Integrated Approach to Environmental Mapping, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 155-166., 2001.

Laforest, S., M. Boulé, and V. Martin, Quebec Region's Shoreline Segmentation in the St. Lawrence River: Response Tool for Oil Spills, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 731- 739, 2004.

Laforest, S., V. Martin, and M. Boulé, La segmentation des rives du Saint-Laurent au Québec: un outil d'intervention pour les déversements d'hydrocarbures, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 741-749, 2004.

LaFreniere, L.M., M.C. Negri, R.A. Sedivy, Y.E. Yan, D. Steck, S.M. Gilmore, P. Kulakow, S. Hutchinson, and L. Erickson, Integrating Phytoremediation, Wetlands, Spray Irrigation, and Prairie Restoration to Treat Carbon Tetrachloride Contamination in a Rural Community, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 367-388, 2006.

Lamarche, A., A Personal Digital Assistant (PDA) System for Data Acquisition during Shoreline Assessment Field Surveys, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 217-228, 2006.

Lamarche, A. and E.H. Owens, The Use of SCAT and SHORECLEAN on the *Iron Baron* Spill, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1609-1610, 1996.

Lamarche, A. and J. Tarpley, Providing Support for Day-to-day Monitoring of Shoreline Cleanup Operations, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1107-1120, 1997.

Lamarche, A. and H. Bart, A Concern-based Method to Prioritize Spill Response Activities, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 269-284, 2002.

Lamarche, A. and J. Roberts, A Framework for the Management of Digital Images Used to Document Oiled Shorelines, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 235-244, 2004.

Lamarche, A. and J. Roberts, Development of a Shoreline Segmentation Database for the Coast of New Zealand, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 751-764, 2004.

Lamarche, A., V. Emerand, K. Dalkir, C. Rivet, and M.F. Fingas, DEVERSYS: A Decision Support System to Help in the Choice of Shoreline Cleanup Methods after an Oil Spill, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 791-800, 1992.

Lamarche, A., P.J. Rubec, and A.P. Varanda, Geographical Information System (GIS) Support for Shoreline Cleanup Operations, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1131-1143, 1996.

Lamarche, A., D.E. Morris, E.H. Owens, S.D. Poole, and J. Tarpley, The Benefits of Computerized SCAT Data Management within an Incident Command System, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 157-166, 1998.

Lamarche, A., E.H. Owens, V. Martin, and S. Laforest, Combining Pre-spill Shoreline Segmentation Data and Shoreline Assessment Tools to Support Early Response Management and Planning, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 219-231, 2003.

Lamarche, A., E.H. Owens, A. Laflamme, D. Reimer, S. Laforest, and S. Clement, A Personal Digital Assistant (PDA) System for Data Acquisition during Shoreline Assessment Field Surveys, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 245-259, 2004.

Lamarche, A., E.H. Owens, and G.A. Sergy, Development of a SCAT Data Management Manual, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 473-490, 2005.

Lambert, G. and D.B. Peakall, Thermoregulatory Metabolism in Mallard Ducks Exposed to Crude Oil and Dispersant, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 181-194, 1981.

Lambert, P.G., A Literature Review on Flow-through Fluorometers for Monitoring Oil-in-water Levels, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 861-880, 2004.

Lambert, P.G. and M.F. Fingas, A Critical Review of Field Total Petroleum Hydrocarbon (TPH) Analysis, Part II, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 175-186, 1997.

Lambert, P.G., M.A. Bobra, M.F. Fingas, E.J. Tennyson, and J.R. Gould, Development of a Portable Field Kit for Measuring Properties of Spilled Oils, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 73-85, 1991.

Lambert, P.G., B.G. Fieldhouse, M.F. Fingas, S.J. Whiticar, E.J. Tennyson, and J.V. Mullin, Sampling and Analysis in the Field: Methodologies Used by the Emergencies Science Division, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 277-288, 1994.

Lambert, P.G., Z.D. Wang, B.G. Fieldhouse, P.L. Jokuty, M.C. Bissonnette, M.F. Fingas, S.J. Whiticar, D.A. Kyle, M. Landriault, L. Sigouin, and M.D. Goldthorp, Analysis of the Komineft Pipeline Oil, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1187-1231, 1995.

Lambert, P.G., M.C. Bissonnette, and M.F. Fingas, The Site Assessment Kits Used by the Canadian Members of the United Nations Delegation during the Komineft Pipeline Spill, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1297-1298, 1995.

Lambert, P.G., F. Ackerman, M.F. Fingas, M.D. Goldthorp, B.G. Fieldhouse, R.D. Nelson, M.M. Punt, S.J. Whiticar, S. Schuetz, A. Dubois, M. Morganti, K. Robbin, R. Magan, R. Pierson, R.D. Turpin, P.R. Campagna, D.B. Mickunas, R.J. Nadeau, and R.R. Hiltabrand, Instrumentation and Techniques for Monitoring the Air Emissions during In-situ Oil/Fuel Burning Operations, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 529-567, 1998.

Lambert, P.G., M.F. Fingas, and M.D. Goldthorp, A Critical Review of Field Total Petroleum Hydrocarbon (TPH) Analysis, Part III, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 43-56, 1999.

Lambert, P.G., B.G. Fieldhouse, Z.D. Wang, M.F. Fingas, M.D. Goldthorp, L.A. Pearson, and E. Collazzi, Preliminary Results from the Laboratory Study of a Flow-through Fluorometer for Measuring Oil-in-water Levels, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 69-98, 2000.

Lambert, P.G., B.G. Fieldhouse, Z.D. Wang, M.F. Fingas, M.D. Goldthorp, L.A. Pearson, and E. Collazzi, A Laboratory Study of a Flow-through Fluorometer for Measuring Oil-in-water Levels, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 23-45, 2001.

Lambert, P.G., M.D. Goldthorp, and B.P. Hollebhone, On-site Analysis of Metals in Waste Oil, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 13-30, 2003.

Lambert, P.G., B.G. Fieldhouse, and M.F. Fingas, A Discussion on the Use of Oil Spill Treating Agents in Canada, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1077-1086, 2006.

Langfeldt, J.N., Oil Pollution Control Research and Development in Norway, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 495-501, 1980.

Langfeldt, J.N., Four Years of Activity to Improve Norway's Ability to Clean Up Oil Pollution, 1979-1983, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 261-262, 1983.

Langfeldt, J.N. and S.E. Sørstrøm, Testing of Oil Skimmers Offshore Norway - Testing Procedure and Results, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 104-118, 1983.

Laperrire, F., H. Whittaker, M. Yanagisawa, and I. Suzuki, High Pressure Water Jet Testing for Oil Containment in Simulated Environmental Conditions, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 209-222, 1987.

LaRiviere, D., R.L. Autenreith, and J.S. Bonner, Oxidation of Rhizosphere Sediments by *Alternanthera philoxeroides*: Roots to Quicker Petroleum Degradation?, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 341-353, 2002.

LaRiviere, D., R.L. Autenreith, and J.S. Bonner, Biodegradation of Oil-contaminated Sediments: Effect of a Dispersant and Natural Organic Matter, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 765-778, 2003.

Laun, H.M. and R. Hingmann, Laboratory Tests of Elastol (Oil Spill Combat Agent), *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 417-442, 1988.

Laureshen, C.J. and R.D. Rowe, Bubble Group Behaviour under Microgravity Conditions Applied to Subsea Blowout Plume Modelling, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 23-31, 1989.

Lautenberger, C.V. and L.A. Pearson, Development of a Unified Federal/State, Coastal/Inland Oil and Hazardous Substance Contingency Plan for the State of Alaska., *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 291-296, 1993.

Lazes, R., A Study on the Effects of Oil Fires on Fire Boom Employed during the In-situ Burning of Oil, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 717-724, 1994.

LeBlanc, L.A. and P.D. Boehm, Monitoring Hydrocarbons in Beaufort Sea Sediments and Organisms: Implications for Oil Spill Monitoring, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 131-148, 1991.

Ledrew, B.R. and A.K. Gustajtis, An Oil Spill Scenario for the Labrador Sea, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 66-77, 1978.

Lee, K., Oil-Mineral Fine Interactions and Toxicity Studies, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 841-842, 1999 (abstract only).

Lee, K. and G.H. Tremblay, Bioremediation: Composition Changes in Experimentally-oiled Sand Beach Sediments, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 353, 1993 (abstract only).

Lee, K., S. St.-Pierre, and A.M. Weise, Enhanced Oil Biodegradation with Mineral Fine Interaction, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 715-722, 1997.

Lee, K., G.D. Wohlgeschaffen, G.H. Tremblay, J.H. Vandermeulen, D.C. Mossman, K.G. Doe, P.M. Jackman, R.C. Prince, R.M. Garrett, and C.E. Haith, Residual Hydrocarbon Toxicity in Sediments Impacted by the 1970 Arrow Spill, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 485-504, 1998.

Lee, K., P.M. Stoffyn-Egli, P.A. Wood, and T. Lunel, Formation and Structure of Oil-Mineral Fine Aggregates in Coastal Environments, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 911-921, 1998.

Lee, K., G.D. Wohlgeschaffen, S.E. Colbanli, J. Gauthier, A.D. Venosa, K.G. Doe, P.M. Jackman, L.E.J. Lee, M.T. Suidan, and S. Garcia-Blanco, Monitoring Habitat Recovery and Toxicity Reduction in an Oiled Freshwater Wetland to Determine Remediation Success, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 195-209, 2001.

Lee, K., S.E. Cobanli, G.D. Wohlgeschaffen, A.D. Venosa, M.T. Suidan, J. Gauthier, G.H. Tremblay, C.W. Greer, and K.G. Doe, Habitat Recovery in a Crude Oil-Contaminated Saltmarsh following Bioremediation Treatments, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 329-339, 2002.

Lee, S.C., D. Mackay, F. Bonville, E. Joner, and W.Y. Shiu, A Study of the Long-term Weathering of Submerged and Overwashed Oil, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 33-60, 1989.

Lee, S.C., W.Y. Shiu, and D. MacKay, The Long-term Weathering of Heavy Crude Oils: Experimental Measurements and Development of Models, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 49-74, 1990.

Leech, M., M.I. Walker, M. Wiltshire, and A. Tyler, OSIS: A Windows 3 Oil Spill Information System, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 549-572, 1993.

Lefavre, D., F.J. Saucier, J. Chassé, A. Gosselin, V. Jarry, and C. Rivet, Assimilation of Drifter Data into an Oil Spill Forecasting Trajectory Model and Transmission of the Information for Decision Making - Case of the 1996 *Irving Whale* Salvage in the Gulf of St. Lawrence, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1055-1060, 1997.

Lehr, W.J., Progress in Oil Spread Modeling, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 889-894, 1996.

Lehr, W.J., Modeling the Benzene Inhalation Hazard from Spilled Oil, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 853-861, 1997.

Lehr, W.J., A Simplified Model of Natural and Mechanical Removal to Estimate Cleanup Equipment Efficiency, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 567-573, 2001.

Lehr, W.J., Unique Physics of LNG Spills, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 637-644, 2007.

Lehr, W.J. and D.A. Simecek-Beatty, Analysis of Coalescence Behavior for an Emulsified Bitumen Spill, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1161-1167, 2002.

Lehr, W.J. and D.A. Simecek-Beatty, Calculation of the Thermal Inertia of Sunken Oil, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 927-933, 2003.

Lehr, W.J., R. Overstreet, R.A. Jones, and G. Watabayashi, ADIOS - Automated Data Inquiry for Oil Spills, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 31-45, 1992.

Lehr, W.J., J.A. Galt, and R. Overstreet, Handling Uncertainty in Oil Spill Modelling, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 759-768, 1995.

- Lehr, W.J., J.A. Galt, G. Watabayashi, and J. Sermershein, Tracking the *North Cape* Oil Spill, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1479-1485, 1996.
- Lehr, W.J., C.H. Barker, and D.A. Simecek-Beatty, New Developments in the Use of Uncertainty in Oil Spill Forecasts, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 271-284, 1999.
- Lehr, W.J., D. Wesley, D.A. Simecek-Beatty, R. Jones, G. Kachook, and J. Lankford, Algorithm and Interface Modifications of the NOAA Oil Spill Behavior Model, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 525-539, 2000.
- Lehtinen, K.-J., S. Suomalainen, C. Lehtinen, J. Mattsson, S. Reiland, and O. Lindén, Physiological Effects on Fish Chronically Exposed to Low Levels of Petroleum Hydrocarbons, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 77-92, 1982.
- Leik, J.A., J.S. Bonner, and R.L. Autenrieth, Subsurface Characterization of a Coastal Wetland, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 693-701, 1997.
- Leo, D., New Evaluation Methods of Environmental Damages - Theoretical Basics and Tentative Procedures, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 513-519, 1982.
- Leo, R. and B. Nill, R&D for Oil Spill Countermeasures in Germany, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 609-621, 1981.
- Leo, R. and B. Nill, Disposal of Oily Sludges and Oil Spill Debris by Using the Patented DCR-Process, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 341-347, 1982.
- Leo, R. and B. Nill, Lessons to be Learned from the *Afran Zenith* Oil Spill at Hamburg, July 1981, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 503-512, 1982.
- Leonov, A.V. and V.M. Pishchal'nik, Mathematical Simulation of Oil Hydrocarbon Decomposition in Waters of Aniva Bay (Sakhalin Island, Russia), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1033-1053, 2006.
- Lewis, A., Calibration and Use of a Helicopter Bucket to Apply Oil Spill Dispersants, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 505-517, 1995.

Lewis, A., P.S. Daling, R.J. Fiocco, and A.B. Nordvik, Chemical Dispersion of Oil and Water-in-oil Emulsions - A Comparison of Bench Scale Test Methods and Dispersant Treatment in Meso-scale Flume, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 979-1010, 1994.

Lewis, A., P.S. Daling, T. Strøm-Kristiansen, and P.J. Brandvik, The Behaviour of Sture Blend Crude Oil Spilled at Sea and Treated with Dispersant, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 453-469, 1995.

Lewis, A., A. Crosbie, L. Davies, and T. Lunel, Large-scale Field Experiments into Oil Weathering at Sea and Aerial Application of Dispersants, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 319-344, 1998.

Lewis, E.L., Studies on Oilwell Blowouts in Deep Offshore Waters, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 79-89, 1978.

Li, H., Q. Zhao, M.C. Boufadel, and A.D. Venosa, Optimal Nutrient Application Strategy for the Bioremediation of Oil-polluted Beaches, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 245-262, 2007.

Li, K., T. Caron, M. Landriault, J.R.J. Paré, and M.F. Fingas, The Measurement of Volatiles, Semi-volatiles and Heavy Metals in an Oil Burn Test, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 561-573, 1992.

Li, K., M.F. Fingas, J.R.J. Paré, and P. Boileau, Determination of Dissolved Organics in the Water Soluble Fraction from Crude Oils by Headspace Analysis, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 289-306, 1994.

Li, K., M.F. Fingas, P. Boileau, S.A. Blenkinsopp, J.R.J. Paré, J.M.R. Bélanger, and M. Llompert, Comparison of Purge and Trap and Headspace Determination of Dissolved Organics in the Water Soluble Fraction from Crude Oils, Plus a Quick Look at MAP-HS, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 89-111, 1996.

Li, M., Representing Turbulent Dispersion in Oil Spill Models, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 671-684, 1996.

Li, M. and C. Garrett, Breakup of Oil Droplets in Turbulent Flows, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 185-198, 1996.

Lissaeur, I.M. and J.W. St. Martin, Short-term Oil Spill Transport Model, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 19-27, 1986.

Little, D.I., E.H. Owens, I.A. Buist, and R.C. Marty, Peat Shorelines Protection, Cleanup and Disposal Guidelines, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 801-818, 1992.

Little, D.I., T. Deakin, B. Fichaut, and R.J. Meech, Some Observations on Heavy Fuel Oil Spills: Trends, Impacts and Comparisons with Crude Oil Spills, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 971-998, 2003.

Liu, H., Y. Zhan, W. Wang, and Z.D. Wang, Interfacial Properties of Oil Spill Dispersants and their Affects on Dispersion Effectiveness, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 355-365, 1995.

Liukkonen, S., R. Koskivaara, J. Rytönen, and K. Lampela, Adhesion of Oil to Plastics, Stainless Steel and Ice, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 69-90, 1995.

Liukkonen, S., J. Rytönen, G. Matishov, V. Petrov, and C.R. Page III, The Improvement of Oil Bioremediation by Biosorbent Technology, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 643-659, 1997.

Lockhart, W.L. and D.A. Metner, Oil-sensitive Biomarker Studies of Fish from Arctic Canada, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 169-176, 1991.

Lockhart, W.L. and R.W. Danell, Field and Experimental Tainting of Arctic Freshwater Fish by Crude and Refined Petroleum Products, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 763-771, 1992.

Lockhart, W.L., D.A.J. Murray, R.W. Danell, and D.A. Metner, Aspects of the Chemistry of the Water Soluble Fraction of Oils: Analysis and Effects, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 75-81, 1984.

Lockhart, W.L., B.N. Billeck, R.W. Danell, B.G.E. de March, and D.A. Duncan, Comparative Toxicity of Several Oil/Dispersant Mixtures to Representative Freshwater Organisms, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 202-207, 1984.

Lockhart, W.L., B.N. Billeck, R.E. Evans, R.W. Danell, and J. Carneiro, Toxicology Studies with a High-boiling Lubricating Oil (Esstic 46 CF) Used in a Hydroelectric Generating Station, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 529-541, 1996.

Lockhart, W.L., D.A. Duncan, B.N. Billeck, R.W. Danell, and M.J. Ryan, Chronic Toxicity of the Water-soluble Fraction of Norman Wells Crude Oil to Juvenile Fish, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 575-580, 1997.

Loesch, R.M., C. Moffatt, and S. Knutson, Development and Testing of the U.S. Coast Guard Water Injection Enhanced Viscous Oil Pumping System (VOPS), *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 385-399, 2000.

Loesch, R.M., S.G. Potter, M.D. Drieu, and C. Moffatt, Pumping Emulsified Crude Oil and Viscous Oils Using Annular Water Injection and Steam Coils, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 319-338, 2001.

Logan, R., The UK Environmental Agency and its Role in Coastal Pollution, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 237-243, 1996.

Lombard, W.K., Design of an Air Transportable Incinerator for Oil Spill Debris, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 194-203, 1978.

Lombard, W.K., Construction of an Air-portable Incinerator for Oil Spill Debris, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 239-247, 1979.

Lorenzo, T., Environment Canada's Oil Spill Response Equipment Test Facility, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 511-515, 1993.

Lorenzo, T., R. Therrien, and B.O. Johannessen, Study of Viscosity and Emulsion Effects on Skimmer Performance, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 705-729, 1995.

Løset, S., T. Carstens, and H.V. Jensen, Deflection of Open Pack Ice in an Oil Spill Recovery Area, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 495-507, 1991.

Louchouart, P., J.S. Bonner, P. Tissot, T.J. McDonald, C.B. Fuller, and C.A. Page, Quantitative Determination of Oil Films/Slicks from Water Surfaces Using a Modified Solid-phase Extraction (SPE) Sampling Method, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 59-68, 2000.

Løvås, S., H.V. Jensen, and H. Krogstad, Remote Sensing of the 1994 NOFO-Dispersant Field Trial - Experiences and Results, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 441-452, 1995.

Lowden, G., C. Meyers, and G. Yoshioka, Overview of the U.S. Oil Pollution Act of 1990, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 281-287, 1991.

Lumley, T.C., B.P. Hollebone, and S. Harrison, Evaluation of Methods for Assessing Effectiveness of Oil Spill Treating Agents, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 117-132, 2007.

Lumley, T.C., B.P. Hollebone, and S. Harrison, Evaluation of Methods for Assessing Toxicity of Oil Spill Treating Agents, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 133-150, 2007.

Lunel, T., Dispersion: Oil Droplet Size Measurements at Sea, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1023-1056, 1993.

Lunel, T., Dispersion of a Large Experimental Slick by Aerial Application of Dispersant, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 951-977, 1994.

Lunel, T., Field Trials to Determine Quantitative Estimates of Dispersant Efficiency at Sea, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1011-1021, 1994.

Lunel, T., Satellite Remote Sensing at the *Sea Empress* Spill - A Help or Potential Hindrance?, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1221-1235, 1996.

Lunel, T. and A. Lewis, Oil Concentrations below a Demulsifier Treated Slick, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 955-972, 1993.

Lunel, T. and P.A. Wood, A Laboratory Dispersant Effectiveness Test which Reflects Dispersant Efficiency in the Field, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 461-480, 1996.

Lunel, T. and L. Davies, Dispersant Effectiveness in the Field on Fresh Oils and Emulsions, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1355-1393, 1996.

Lunel, T., L. Davies, A.C.T. Chen, and R.A. Major, Field Test of Dispersant Application by Fire Monitor, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 559-602, 1995.

Lunel, T., L. Davies, and P.J. Brandvik, Field Trials to Determine Dispersant Effectiveness at Sea, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 603-627, 1995.

Lunel, T., G. Baldwin, and F.-X. Merlin, Comparison of Meso-scale and Laboratory Dispersant Tests with Dispersant Effectiveness Measured at Sea, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 629-651, 1995.

Lunel, T., J. Rusin, N. Bailey, C. Halliwell, and L. Davies, A Successful at Sea Response to the *Sea Empress* Spill, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1499-1519, 1996.

Lunel, T., K. Lee, R.P.J. Swannell, P.A. Wood, J. Rusin, N. Bailey, C. Halliwell, L. Davies, M. Sommerville, A. Dobie, D.J. Mitchell, and M. McDonagh, Shoreline Clean Up during the *Sea Empress* Incident: The Role of Surf Washing (Clay-Oil Flocculation), Dispersants and Bioremediation, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1521-1540, 1996.

Luo, X. and Q.M. Ma, Changes in the Chemical Composition of the Light Crude by Short-term Weathering, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 143-151, 2006.

Mabile, N.J. and R. Helinski, North Slope Mobile Technology and its Application to Spill Response, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 497-503, 1992.

MacDougall, J.W. and J.K.E. Tunaley, The Complex Permittivity of Crude Oil, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 413-420, 1986.

Mackay, D., Uses and Abuses of Oil Spill Models, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-17, 1984.

Mackay, D., Oil Spill Processes: Evaporation, Emulsification, Dissolution and Sinking, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 53-58, 1985.

Mackay, D., Chemical Dispersion, a Mechanism and a Model, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 260-268, 1985.

Mackay, D. and S. Paterson, The Development of an Oil Spill Model, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 114-119, 1980.

Mackay, D. and K. Hossain, Studies of Oil Sedimentation, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 120-127, 1980.

Mackay, D. and S. Paterson, Program for Simulating Oil Property Changes during Weathering, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 128-138, 1980.

Mackay, D. and W. Zagorski, Studies of the Formation of Water-in-oil Emulsions, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 75-86, 1981.

Mackay, D. and P.G. Wells, Factors Influencing the Aquatic Toxicity of Chemically Dispersed Oils, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 445-467, 1981.

Mackay, D. and P.G. Wells, The Use of Dispersants for Oil Spill Treatment, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 469-476, 1981.

Mackay, D. and W. Zagorski, Water-in-oil Emulsions: A Stability Hypothesis, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 61-74, 1982.

Mackay, D. and P.G. Wells, Recent Advances in Chemical Dispersion of Oil Spills, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 275-284, 1982.

Mackay, D. and M. Nowak, Water-in-oil Emulsions: Some Recent Advances, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 37-46, 1984.

Mackay, D., I.A. Buist, K. Hossain, A. Kisil, R. Mascarenhas, and S. Paterson, Oil Spill Processes and Models, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 87-99, 1979.

Mackay, D., A. Kisil, I.A. Buist, K. Hossain, R. Mascarenhas, and S. Paterson, A Laboratory Study of the Behaviour of Oil and Gas under Ice, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 101-107, 1979.

Mackay, D., I.A. Buist, K. Hossain, A. Kisil, R. Mascarenhas, and S. Paterson, A Laboratory Study of the Combustibility of Aged Oils, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 206-209, 1979.

Mackay, D., R. Mascarenhas, K. Hossain, and T. McGee, The Effectiveness of Chemical Dispersants at Low Temperatures and in the Presence of Ice, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 317-327, 1980.

Mackay, D., A. Chau, and K. Hossain, Effectiveness of Chemical Dispersants: A Discussion of Recent Progress, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 151-153, 1983.

Mackay, D., A. Chau, B. Clark, C. Yen, J. Parsons, and B. Ahier, The Dispersion and Submergence of Oil Spills, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 101-111, 1986.

Mackay, D., D. Berger, M.E. Charles, and H. Van Ooijen, Rheological Characterization of Waxy Crude Oils for Environmental Purposes, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 85-98, 1993.

MacNeill, M.R. and B. Lee, Oceanography at the COATF 1983 Offshore Dispersant Trials, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 471-487, 1984.

MacNeill, M.R. and R.H. Goodman, Motion of Oil in Leads, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 42-52, 1985.

Maddock, M., The Regional Environmental Emergency Team (REET) Process in Ontario, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 131-142, 2001.

Major, R.A., P. Nicholson, and A.C.T. Chen, Wave Basin Tests of Boat Dispersant Application Systems, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1035-1051, 1994.

Maki, H., T. Hiwatari, K. Kohata, M. Watanabe, H. Miyazaki, F. Yamasaki, and T. Tanimoto, Effect of Nitrogen Form for the Amendment of Crude Oil Bioremediation Field Experiment in the Sea of Japan, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 969-977, 2002.

Malcolm, J.D. and A.B. Cammaert, Transport and Deposition of Oil and Gas Spills under Sea Ice, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 45-73, 1981.

Malmquist, L.M.V., R.R. Olsen, J.H. Christensen, and O. Andersen, Evaluation of Short-term Physical Weathering of a Heavy Fuel Oil by Use of Time Warping and PCA, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 145-155, 2005.

Mamaca, E., F.-X. Merlin, and S. LeFloch, Experimental Studies on the Weathering of Chemicals in a Field Trial to Predict their Behaviour in Case of a Spill, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 29-37, 2004.

Manen, C.-A., The Use of Computer Modelling to Predict the Effects of an Oil Spill, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 447-450, 1982.

Mansfield, B.H., Canadian Government Contingency Planning for Major Arctic Oil Spills, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 548-556, 1980.

Marko, J.R., Deep-water Blowout Trajectory Models for the Lancaster Sound Region, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 37-62, 1979.

Martin, V., Méthodologie d'intervention durant un déversement d'origine inconnue: L'exemple du cas de Baie-des-Sables, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 271-280, 1993.

Martin, V., Methodology of Intervention during a Mystery Spill: The Example of the Baie-des-Sables Case, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 281-289, 1993.

Martin, V., C. Duhaime, M. Boulé, and A. Lamarche, Live Testing of the SCAT Management Process, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 307-316, 2002.

Martin, V., C. Duhaime, M. Boulé, and A. Lamarche, Mise à l'essai du processus de gestion TERR, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 377-327, 2002.

Mauseth, G.S., G.M. Erickson, S.L. Brocco, and G.A. Sergy, Optimizing Hydraulic Cleaning Techniques for Oiled Coarse Sediment Beaches, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1159-1176, 1996.

Mauseth, G.S., C.A. Martin, and K. Whittle, Closing and Reopening Fisheries following Oil Spills; Three Different Cases with Similar Problems, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1283-1303, 1997.

Mauseth, G.S., A.W. Graham, J. Simon, and G.A. Sergy, Optimizing Hydraulic Cleaning Techniques for Oiled Coarse Sediment Beaches: Long-term Monitoring Results, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 713-729, 2004.

Maynard, N.G., Techniques for the Optimization of Scientific Spill Response - Tested at the *Burmah Agate Oil Spill*, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 687-704, 1981.

Mayol, M.-A., A. Pita, J.R. Bergueiro-López, M. Rallo, and S. Somoza, Biodispersant Production by Sea Bacteria and its Application to Oil Spills at Sea, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 305-318, 1998.

McAllister, I.R., Development of an Off-shore Self-inflating Oil Containment Boom for Arctic Use, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 166-168, 1979.

McAllister, I.R., Development of an Offshore Self-inflating Oil Containment Boom for Arctic Use, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 214-221, 1980.

McAuliffe, C.D., Organism Exposure to Volatile Hydrocarbons from Untreated and Chemically Dispersed Crude Oils in Field and Laboratory, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 497-526, 1986.

McCann, S.B., G.E. Reinson, and D. Frobel, Coastline Studies, Southeastern Baffin Island, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 33-43, 1978.

McCarthy, M.W., Small-scale In-situ Burn Tests to Develop Operational Proficiencies, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 979-985, 1996.

McCarthy, M.W. and J. McGrath, The Contribution of Air Cushioned Vehicles in Oil Spill Response, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1303-1311, 1994.

McColl, W.D., R.A. Neville, R.A. O'Neil, and S.M. Till, Remote Sensing of the Newfoundland Oil Spill Dispersant Sea Trials, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 425-434, 1982.

McColl, W.D., M.F. Fingas, R.A.E. McKibbin, and S.M. Till, CCRS Remote Sensing of the Beaufort Sea Dispersant Trials 1986, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 291-306, 1987.

McCourt, J. and L. Shier, Interaction between Oil and Suspended Particulate Matter in the Yukon River, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 79-87, 1998.

McCourt, J. and L. Shier, Preliminary Findings of Oil-Solids Interaction in Eight Alaskan Rivers, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 11-17, 2000.

McCourt, J., S.L. Ross, I.A. Buist, and J. Morrison, Field Test of Waste Oil Combustion and Empty Drum Cleaning at Alexandra Fiord, NWT, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1253-1265, 1996.

McCourt, J., I.A. Buist, B. Pratte, W. Jamieson, and J.V. Mullin, Testing Fire Resistant Boom in Waves and Flames, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 823-839, 1997.

McCourt, J., I.A. Buist, J.V. Mullin, B. Pratte, and W. Jamieson, Continued Development of a Test for Fire Booms in Waves and Flames, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 505-528, 1998.

McCourt, J., I.A. Buist, and J.V. Mullin, Laboratory Testing to Determine Operational Parameters for In Situ Burning of Six U.S. Outer Continental Shelf Crude Oils, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 623-632, 1998.

McCourt, J., I.A. Buist, W.T., Schmidt, D.S. DeVitis, B. Urban, and J.V. Mullin, OHMSETT's Propane-fuelled Test System for Fire-resistant Booms, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 439-445, 1999.

McCourt, J., I.A. Buist and S. Buffington, Results of Laboratory Tests on the Potential for Using In-situ Burning on Seventeen Crude Oils, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 917-922, 2000.

McDonagh, M. and K. Colcomb-Heiliger, Aerial Spraying of Demulsifiers to Enhance the Natural Dispersion of Oil Slicks, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 107-121, 1992.

McEwen, S. and E. Taylor, Development of the Alaska Chadux Corporation, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 373-387, 1997.

McGibbon, G., R.G. Fisher, I.G. Meldrum, and A.J. Plomer, Further Developments in Oil Spill Solidification, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 199-216, 1982.

McGillivray, D.G., R.H. Goodman, C.K. Cooper, and D.R. Browne, WinOil: An Oil Spill Model for Windows 95, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 821-832, 1996.

McGrattan, K.B., Smoke Plume Trajectory from In Situ Burning of Crude Oil: Complex Terrain Modeling, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 723-734, 1997.

McGrattan, K.B., H.R. Baum, and R.G. Rehm, Smoke Plume Trajectory from In Situ Burning of Crude Oil in Alaska, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 725-733, 1994.

McGrattan, K.B., W.D. Walton, A.D. Putorti, W.H. Twilley, J. McElroy, and D.D. Evans, Smoke Plume Trajectory from In-situ Burning of Crude Oil in Alaska - Field Experiments, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 901-913, 1995.

McKenzie, B., Implementation of the Incident Command System on the Alaskan North Slope, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 237-249, 1991.

McKenzie, C., J. Oxley, and R.H. Goodman, The Value of Large-scale Exercises in an Oil Spill Response Training Program: The Experiences of the Imperial Oil National Emergency Team, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 197-206, 1991.

McKindra, C.D., I.M. Lissauer, D.L. Murphy, and P.A. Tebeau, U.S. Coast Guard Arctic Oil Spill Response Program and Research Progress, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 502-523, 1980.

McKindra, C.D., K.H. Dunton, and R. Karns, Electronic Diver (under Ice) Detection System, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 569-586, 1981.

McLaren, P., Labrador Coastal Studies for Oil Spill Contingency Planning, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 31-32, 1978.

McLaren, P., Trends in Sediment Distributions: A Method to Predict Oil Movement in the Coastal Zone, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 417-431, 1980.

McLaren, P. and W.B. Barrie, Coastal Studies by the Geological Survey of Canada for Oil Spill Countermeasures Planning: Labrador and Eastern Lancaster Sound, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 267-270, 1979.

McLaren, W.A., Evaluation of Pumps and Separators for Processing Oil in Arctic Waters, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 136-144, 1978.

McLaren, W.A., Testing of American Petroleum Institute Separator under Simulated Wave Action, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 170-179, 1979.

Mearns, A.J. and R. Yender, Workshop on Managing Seafood Problems during the Response Phase of an Oil Spill, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 203-214, 1997.

Mearns, A.J., K.G. Doe, W. Fisher, R.Z. Hoff, K. Lee, R. Siron, C. Mueller, and A.D. Venosa, Toxicity Trends during an Oil Spill Bioremediation Experiment on a Sandy Shoreline in Delaware, USA, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1133-1145, 1997.

Mearns, A.J., G.C. Lauenstein, and T.P. O'Connor, The U.S. Mussel Watch: Nationwide Geographic and Longterm Trends of PAHs in Coastal Mussels and Oysters, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 465-472, 1998.

Meikle, K.M., Subsea Containment Workshop Report, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 261-279, 1981.

Meikle, K.M., Development and Testing of the AMOP Boom, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 307-321, 1981.

Meikle, K.M., Incendiary Device for Oil Slick Ignition, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 499-513, 1981.

Meikle, K.M., The Use of High-pressure Water for Spill Containment, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 119-125, 1983.

Meikle, K.M. and H.B. Ewing, Oil Spill Incinerator Development: An Update, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 291-304, 1980.

Melbye, A.G., D. Altin, and T. Frost, Determination of Uptake of Dispersed Oil in the Copepod *Calanus finmarchicus*, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 223-235, 2001.

Meldrum, I.G., R.G. Fisher, and A.J. Plomer, Oil Solidifying Additives for Oil Spills, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 325-352, 1981.

Mendelsohn, D.L., H.M. Rines, F.T. Christensen, T. Isaji, D.P. French, and N. Edwards, A Comparative Assessment of the Fate and Effects of Similar Orimulsion and Heavy Fuel Oil Spills in the Milford Haven Estuary, UK, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 775-804, 1996.

Mendelsohn, I.A., Q. Lin, N.P. Bryner, W.D. Walton, W.H. Twilley, and J.V. Mullin, In-situ Oil Burning in the Marshland Environment - Recovery and Regrowth of *Spartina alterniflora*, *Spartina patens*, and *Sagittaria lancifolia* Plants, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 785-807, 2002.

Meniconi, M.F.G., I.T. Gabardo, M.E.R. Carneiro, S.M. Barbanti, G.C. Silva, and C.G. Massone, Brazilian Oil Spills Chemical Characterization - Case Studies, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 503-531, 2002.

Meniconi, M.F.G., C.G. Massone, and A.L. Scofield, Distribution and Sources of Polycyclic Aromatic Hydrocarbons in Sediments of Guanabara Bay, Brazil, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 99-115, 2003.

Meniconi, M.F.G., C.G. Massone, A.L. Scofield, and V.J.F. Junior, Oil Spill Aftermath: Temporal Evaluation of Hydrocarbon Sources in Guanabara Bay, Brazil, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 75-92, 2005.

Menot, L., C. Chassé, and L. Kerambrun, Experimental Study of the Ecological Impact of Hot Water/High Pressure Cleaning on Rocky Shores, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 891-901, 1998.

Merlin, F.-X. and P. LeGuerrou, The New French Approval Procedure for Shoreline Cleaning Agents, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 943-950, 1994.

Merlin, F.-X., P. LeGuerrou, C. Quere, C.J. Chaumery, and J. Oudot, Elaboration of an Experimental Method to Assess Biodegradation Agents: Bioremediation Trials on Oil Polluted Beach, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 723-738, 1992.

Merlin, F.-X., K. Lee, R.P.J. Swannell, J. Oudot, A. Bassères, T.J. Reilly, C.J. Chaumery, C. Dalmazzone, and P. Sveum, Protocol for Experimental Assessment of Bioremediation Agents on a Petroleum Polluted Shoreline, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 465-478, 1994.

Merlin, F.-X., P. LeGuerrou, A. LeGall, and L. Menot, Observations and Conclusions from 10 Years of Periodic Quality Controls on Operational Dispersant Stockpiles, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 551-559, 1997.

Meselhe, E.A., C.H. Barker, and M. Hodges, Oil Spill Trajectory Analysis for the Calcasieu Estuary, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 455-469, 2001.

Metge, M., Implementation Study for Experimental Oilspills in Northern Waters, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 372-383, 1979.

Michel, J., S.M. Lehmann, and C.B. Henry Jr., Oiling and Cleanup Issues in Wetlands, M/T *Julie N* Spill, Portland, Maine, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 841-856, 1998.

Miller, R.E., Managing a Modern Fleet of Oil Spill Recovery Vessels, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 229-237, 1997.

Mills, M.A. and J.S. Bonner, San Jacinto River Oil Spill: Wetland Bioremediation Project, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 647-656, 1996.

Mills, M.A., J.S. Bonner, M.A. Simon, T.J. McDonald, and R.L. Autenrieth, Bioremediation of a Controlled Oil Release in a Wetland, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 609-616b, 1997.

Milne, A., Currents in Lancaster Sound, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 244-245, 1978 (abstract only).

Mitchell, J.B.A., The Effectiveness of Ferrocene in Reducing Smoke Emission from Burning Crude Oil, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 75-85, 1990.

Mitchell, J.B.A. and E. Janssen, The Use of Additives for Smoke Reduction from Burning Pool Fires, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 391-397, 1991.

Mitchell, J.B.A. and M.E. Moir, Smoke Reduction from Pool Fires Using Ferrocene and Derivatives, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 681-687, 1992.

Mitton, M.J. and G.L. McClymont, Pump and Treat and Vapour Extraction Technology to Remediate a Hydrocarbon Spill in Northwestern Alberta, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 679-687, 1995.

Moche, E., Summary of the Identification and Assessment of Potential Oiled Debris Disposal Sites to Complement British Columbia's Emergency Clean-up Efforts of Marine Oil Spills along Juan de Fuca Strait, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 191-196, 1991.

Moffatt, C. and P. Hankins, Results of Experiments with Flare Type Igniters on Diesel Fuel and Crude Oil Emulsions, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1197-1213, 1997.

Moffatt, C., T. Beaver, and B.J. Snyder, Removing Heavy Fuel Oil from the Submerged Wreck of the *Jacob Luckenbach*, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 999-1011, 2003.

Moffatt, C., P. Nourse, R. MacKay, F. Hvidbak, M.D. Drieu, J. Mackey, and D.W. Cooper, Results from the Joint United States and Canadian Coast Guard Viscous Oil Pump Testing 2003, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 171-190, 2004.

Moir, M.E. and B. Erskin, In-situ Burning of Oil Spills on Land: A Case Study, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 651-655, 1994.

Moles, A., Juvenile Demersal Fishes: A Possible Case for the Use of Dispersants in the Subarctic?, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1353-1365, 2002.

Moller, T.H., Recent Experience of Oil Sinking, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 11-14, 1992.

Montero, P., J. Blanco, J.M. Cabanas, J. Maniero, Y. Pazos, A. Moroño, P. Montero, C.F. Balseiro, P. Carracedo, B. Gómez, E. Penabad, V. Pérez-Muñuzuri, F. Braunschweig, R. Fernandes, P.C. Leitao, and R. Neves, Oil Spill Monitoring and Forecasting on the *Prestige-Nassau* Accident, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1013-1029, 2003.

Moorcroft, D.R. and J.K.E. Tunaley, Electromagnetic Resonance in Layers of Sea Ice and Oil over Sea Water, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 269-277, 1985.

Morita, I. and H. Takesue, Development of a Fiber-optic Fluorometric Detection System for Oil Spills, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1237-1245, 1996.

Morris, D.E., Development of Morris Skimmers for Arctic Use, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 125-129, 1979.

Morris, P.R., A.A. North, and D.H. Thomas, Trials with Net Boom for Corralling and Recovering Viscous Oils at Sea, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 257-270, 1986.

Morson, B.J., S.O. Hillman, and W.F. Gusey, Alaskan Beaufort Sea Oil Spill Response Considerations Manual, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 297-310, 1982.

Mudge, S.M., Reassessment of the Hydrocarbons in Prince William Sound and the Gulf of Alaska: Identifying the Source Using Partial Least Squares, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-12, 2001.

Mudge, S.M., Aspects of Hydrocarbon Fingerprinting Using PLS - New Data from Prince William Sound, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 533-545, 2002.

Mudge, S.M., The Vegetable Oil Spill That Wasn't!, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1295-1300, 2002.

Mukherjee, B. and B.A. Wrenn, Effects of Mixing Energy and Flow Dynamics on Chemical Dispersion of Crude Oil, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 189-202, 2007.

Mullin, J.V., OHMSETT - The National Oil Spill Response Test Facility, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 261-267, 1996.

Munger, M., T. Bryant, E. Haugstad, J. Kwietniak, E.G. DeCola, and T.L. Robertson, Geographic Response Information Network: A New Tool to Manage Community Information for Oil Spill Contingency Planning and Response Operations, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 237-244, 2006.

Murdoch, M.A., Evaluating Oil/Water Separators, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 435-449, 1993.

Murphy, D.L., I.M. Lissauer, J.C. Myers, and J.W. Steen, Satellite-tracked Buoy Trajectories in the Beaufort Sea, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 223-232, 1983.

Murray, S.P. and E.H. Owens, The Role of Oceanic Fronts in Oil Spill Dispersion and for Oil Spill Response Planning in the Coastal Zone, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-8, 1988.

Myers, J., In-situ Burn and Initial Recovery of a South Louisiana Intermediate Marsh, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 977-987, 2006.

Myers, J., E. Meselhe, K. Kheishy, R. Miller, and C. Douglas, Hydrologic Modeling as a Tool for Land Management and Contingency Planning in the Calcasieu Sabine Basin, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 211-226, 2007.

Myers, R.D. and K. Corry, Surface and Subsurface Hydrocarbon Concentrations Measured during an Offshore Dispersant Trial, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 454-470, 1984.

Nadeau, R.J. and O. Hansen, Fate of Oil Determinations under Arctic Conditions; The Komi Pipeline Oil Spill Experience, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1163-1175, 1995.

Nadeau, R.J., R. Singhvi, J. Ryabik, Y.-H. Lin, and J. Syslo, Bioremediation Efficacy in Marrow Marsh following the Apex Oil Spill, Galveston Bay, Texas, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 739-756, 1992.

Nahri-Niknafs, B., S.J. Ghotbesharif, S. Taghvaei, and A.H. Rustayian, In Vitro Photooxidation of a Crude Iranian Petroleum Maltenic Fraction as a Film over Seawater in Natural Simulated Conditions and Identification of Photoproducts, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 853-859, 2004.

Narita, S., S. Kanada, and H. Shimoda, A New Oil-recovery Method for Broken Ice Conditions, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 357-372, 2001.

Nash, J.H. and R.W. Hillger, Preliminary Results of the Verification of Offshore Oil Spill Containment Boom Performance Evaluation Protocol, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 267-276, 1988.

Nauman, S.A., Shoreline Clean-up Techniques: Exxon Valdez Operations, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 431-438, 1990.

Nedwed, T.J., R.C. Belore, W. Spring, and D. Blanchet, Basin-scale Testing of ASD Icebreaker Enhanced Chemical Dispersion of Oil Spills, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 151-160, 2007.

Nee, V.W., J. Nash, D.E. Fritz, and R.C. Stevens, Improved Oil Spill Recovery Using Polypropylene Fabric, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 497-509, 1993.

Neff, J.M., Long-term Trends in the Concentrations of Polycyclic Aromatic Hydrocarbons in the Water Column of Prince William Sound and the Western Gulf of Alaska following the *Exxon Valdez* Oil Spill, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 27-38, 1991.

Neff, J.M., S.A. Ostazeski, and I. Stejskal, The Weathering Properties of Four Unique Crude Oils from Australia, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 73-109, 1997.

Nelson, W.G., Vertical Temperature Profiles within Equilibrium Thickness Crude Oil Spills on Water, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 5-13, 1984.

Nelson, W.G. and A.A. Allen, The Physical Interaction and Cleanup of Crude Oil with Slush and Solid First Year Sea Ice, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 37-59, 1982.

Nelson, W.G. and P.R. Pope, Field Test of Energetex Model 282 Air-cooled Portable Incinerator, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 149-156, 1985.

Nemirovskaya, I.A. and L.M. Gurvich, Transformation of Oil Pollution in the Marine Environment, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 923-936, 1998.

Nemirovskaya, I.A. and A.N. Novigatsky, Natural and Anthropogenic Hydrocarbons in the Antarctic Pack Ice, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 843-852, 2004.

Nemirovskaya, I.A. and A.N. Novigatsky, Organic Compounds and Suspended Matter in the Marine Ice of the Eastern Antarctic, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1021-1029, 2005.

Nemirovskaya, I.A. and V. Shevchenko, Study of Hydrocarbons in Bottom Sediments of the Northern Dvina River-White Sea Geochemical Barrier during Spring Flood, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 911-924, 2007.

Nemirovskaya, I.A., A.N. Novigatsky, and A.A. Kluvitkin, Hydrocarbons (Aliphatic and Aromatic) in the Snow-Ice Cover in the Arctic, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1285-1293, 2002.

Nemirovskaya, I.A., V. Shevchenko, and A. Bogunov, Natural and Anthropogenic Hydrocarbons in the White Sea Ecosystem, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1055-1076, 2006.

Nes, H. and S. Norland, Effectiveness and Toxicity of Oil Dispersants, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 132-139, 1983.

Neville, R.A., V. Thomson, R.A. O'Neil, L. Buja-Bijunas, L. Gray, B. Hawkins, and K. Dagg, Remote Sensing of Oil Spills, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 307-346, 1979.

Nix, P.G., J.P. Stecko, and S.H. Hamilton, A Constructed Wetland for the Treatment of Stormwater Contaminated with Diesel Fuel, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 439-464, 1994.

Noble, J.M., Shipping Casualties - The Inter-relationship between Spill Prevention and Salvage, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 379-388, 1994.

Nolan, K.L., J. Lane, and D. Jensen, OHMSETT Trains Oil Spill Responders, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 175-183, 2000.

Nolan, K.L., J. Lane, and J.V. Mullin, OHMSETT: Fiscal Year 2001 in Review, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 177-185, 2001.

Nolan, K.L., D.S. DeVitis, W.T. Schmidt, J. Lane, and J.V. Mullin, OHMSETT - What Are We up to Now? 2002 in Review, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 297-305, 2002.

Noll, C.J., Field Testing of Arctic Shoreline Cleanup Techniques on the Labrador Coast, Phase I Arctic Marine Oilspill Program, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 294-297, 1979.

Nordvik, A.B., P.S. Daling, and F.R. Engelhardt, Problems in the Interpretation of Spill Response Technology Studies, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 211-217, 1992.

Nordvik, A.B., J. Simmons, and T. Hudon, MSRC (Marine Spill Response Corporation) Oil Spill Response Vessel Oil Water Separator System Tests, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 593-605, 1994.

O'Brien, D.K., S.B. Brown-Maunders, and S.O. Hillman, New Environmental Database Mapping for Oil Spill Response in Alaska, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 227-242, 1995.

O'Brien, P.S., G. Hayden, R. Butts, W. Van Dyke, and S.L. Ross, Decision Regarding the Oil Industry's Capability to Clean Up Spilled Oil in the Alaskan Beaufort Sea during Broken Ice Periods, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 355-366, 1984.

O'Brien, P.S., C.-A. Manen, B. Hahn, H. Metsker, L. Fox Jr., D. Kennedy, C. Getter, L. Tomich, M.A. Conway, and L. Harris, Dispersant Use Guidelines for Cook Inlet, Alaska, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 581-600, 1986.

O'Neil, R.A., R.A. Neville, and V. Thomson, The Development of Techniques for the Detection and Tracking of Oil in Ice Infested Waters, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 205-222, 1978.

O'Neil, R.A., R.A. Neville, and V. Thomson, The Recommended Remote Sensing System for the Detection and Tracking of Oil Spills in Canada, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 445-454, 1980.

Ojo, T.O. and J.S. Bonner, 3-Dimensional Self-calibrating Coastal Oil Spill Trajectory Tracking and Contaminant Transport Using HF Radar, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 215-226, 2002.

Ojo, T.O., M.C. Sterling, Jr., J.S. Bonner, C.B. Fuller, F. Kelly, and C.A. Page, Implementation of Distributed Computing System for Emergency Response and Contaminant Spill Monitoring, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 287-297, 2003.

Ojo, T.O., M.C. Sterling, Jr., J.S. Bonner, C.A. Page, C.B. Fuller, F. Kelly, and J.C. Perez, Field Simulation Experiment of Aerial Dispersant Application for Spill of Opportunity, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 813-824, 2003.

Ostazeski, S.A., G.S. Durell, and A.D. Uhler, Progress toward the Development of Micro- and Meso-scale Methods for Predicting the Behaviour of Low-API Gravity Oils (LAPIO) Spilled on Water, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-8, 1996.

Ostazeski, S.A., P.S. Daling, S.C. Macomber, D.W. Fredriksson, G.S. Durell, A.D. Uhler, M. Jones, and K.R. Bitting, Weathering Properties and the Predicted Behavior at Sea of a LAPIO Oil (Weathered No. 6 Fuel Oil), *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 137-162, 1996.

Ouellette, L. and V. Razbin, Remediation of Oil-contaminated Debris Using a Rotary Kiln Combustor, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 569-580, 1994.

Ouellette, L., S.J. Cathum, J. Critchley, J. Avotins, V. Kokars, D.W. Cooper, and D. Maat, Soil Bioremediation at CFB Trenton: Evaluation of Bioremediation Processes, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1267-1278, 1996.

Owen, D., Bioremediation of Marine Oil Spills: Scientific Validity and Operational Constraints, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 119-130, 1991.

Owens, C.K. and R.C. Belore, Dispersant Effectiveness Testing in Cold Water and Brash Ice, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 819-841, 2004.

Owens, E.H., Field Testing of Arctic Shoreline Protection and Cleanup Techniques on the Labrador Coast - Phase I, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 287-291, 1979.

Owens, E.H., Suggested Improvements to Oil Spill Response Planning following the *Nestucca* and *Exxon Valdez* Incidents, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 439-450, 1990.

Owens, E.H., Shoreline Conditions following the *Exxon Valdez* Spill as of Fall 1990, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 579-606, 1991.

Owens, E.H., An A-B-C of Oiled Shorelines, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1095-1110, 1993.

Owens, E.H., The Management of Shoreline Protection and Treatment Operations, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1179-1193, 1996.

Owens, E.H., Sediment Relocation and Tilling - Underused and Misunderstood Techniques for the Treatment of Oiled Beaches, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 857-871, 1998.

Owens, E.H., SCAT - A Ten-year Review, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 337-360, 1999.

Owens, E.H., Practical Guidelines or 'Rules of Thumb' for Spill Response Activities, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 695-704, 1999.

Owens, E.H., Effectiveness of Physical Treatment Methods, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 837-838, 1999 (abstract only).

Owens, E.H. and A.R. Teal, Shoreline Cleanup following the *Exxon Valdez* Oil Spill - Field Data Collection within the SCAT Program, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 411-421, 1990.

Owens, E.H. and A.R. Teal, A Brief Overview and Initial Results from the Winter Shoreline Monitoring Program following the *Exxon Valdez* Incident, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 451-470, 1990.

Owens, E.H. and E. Taylor, A Proposed Standardization of Terms and Definitions for Shoreline Oiling Assessment, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1111-1135, 1993.

Owens, E.H. and W.S. Dewis, A Pre-spill Shoreline Protection and Shoreline Treatment Data Base for Atlantic Canada, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 213-226, 1995.

Owens, E.H. and G.A. Sergy, Oil on Shorelines and Shoreline Treatment: A State-of-knowledge Review, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1105-1116, 1996.

Owens, E.H. and A.M. Sienkiewicz, Treatment Techniques and Environmental Trade-offs on the Komi Project: A Large Sub-arctic Inland Oil Spill Response, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 389-413, 1997.

Owens, E.H. and G.A. Sergy, A Field Guide for the Protection and Treatment of Shorelines following an Oil Spill, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1133-1147, 1997.

Owens, E.H. and P.D. Reimer, Real-time Aerial Mapping for Operations Support and Videotape Documentation on a River Spill, Río Desaguadero, Boliva, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 471-483, 2001.

Owens, E.H. and G.S. Mauseth, Cleanup Standards for Inland Oil Spills: A Review, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 679-694, 2001.

Owens, E.H. and G.A. Sergy, Accelerating the Natural Removal of Oil on Beaches: Part 1- Sediment Relocation, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 661-677, 2003.

Owens, E.H. and G.A. Sergy, Accelerating the Natural Removal of Oil on Shorelines: Part 2 - Tilling or Mixing Techniques, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 685-702, 2004.

Owens, E.H. and G.A. Sergy, A SCAT Manual for Arctic Regions and Cold Climates, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 703-712, 2004.

Owens, E.H. and G.A. Sergy, Time Series Observations of Marsh Recovery and Pavement Persistence at Three *Metula* Spill Sites after 302 Years, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 463-472, 2005.

Owens, E.H., C.R. Foget, and W. Robson, Arctic Shoreline Countermeasures - Initial Results and Implications from the BIOS Experiment, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 349-362, 1982.

Owens, E.H., W. Robson, C.R. Foget, and J.R. Harper, The BIOS Shoreline Experiments: Results from 1980-1982 Field Studies, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 59-64, 1983.

Owens, E.H., W. Robson, and B. Humphrey, Data on the Character of Asphalt Pavements, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-17, 1986.

Owens, E.H., W. Robson, and B. Humphrey, Observations and Initial Results from a Site Visit to the *Metula* Spill 12 Years after the Incident, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 21-41, 1987.

Owens, E.H., B. Humphrey, and W. Robson, Results of Beach Studies and Chemical Analyses from the BIOS Experimental Site and from the *Metula* Spill Site, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 171-183, 1988.

Owens, E.H., A.R. Teal, and P.C. Haase, Berm Relocation during the 1990 Shoreline Cleanup Program following the *Exxon Valdez* Spill, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 607-630, 1991.

Owens, E.H., P.D. Reimer, and G.A. Sergy, Arabian Gulf Oil Spill: Shoreline Surveys and Cleanup Guidelines for Bahrain and Qatar, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 655-663, 1991.

Owens, E.H., G.A. Sergy, B.E. McGuire, and B. Humphrey, The 1970 Arrow Oil Spill: What Remains on the Shoreline 22 Years Later?, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1149-1167, 1993.

Owens, E.H., R.C. Marty, and D.E. Howes, Waste Management Guidelines for Marine Oil Spill Response in British Columbia, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1169-1185, 1993.

Owens, E.H., J.R. Bragg, and B. Humphrey, Clay-Oil Flocculation as a Natural Cleansing Process following Oil Spills: Part 2 - Implications of Study Results in Understanding Past Spills and for Future Response Decisions, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 25-37, 1994.

Owens, E.H., M. Johnston, and M. Johnson, Shoreline Protection Using Geotextile Barriers, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 857-866, 1995.

Owens, E.H., S.R. Leblanc, and R.J. Percy, An Integrated Approach to Shoreline Mapping for Spill Response Planning, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1145-1158, 1996.

Owens, E.H., L.B. Solsberg, M.R. West, M. McGrath, and D.C. Tilden, The EPPR Field Guide for Oil Spill Response in Arctic Waters, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 719-734, 1999.

Owens, E.H., G.A. Sergy, L. Guzmán M., Z.D. Wang, and J. Baker, Long-term Salt Marsh Recovery and Pavement Persistence at *Metula* Spill Sites, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 847-863, 1999.

Owens, E.H., G.A. Sergy, R.D. Martin, J.A. Tarpley, J. Michel, and R. Yender, SCAT 2000 - A New Generation of Forms for the Description and Documentation of Oiled Shorelines, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 805-822, 2000.

Owens, E.H., G.A. Reiter, and G.E. Challenger, Stream Remediation following a Gasoline Spill, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 923-944, 2000.

Owens, E.H., L.M. Zimlicki-Owens, A. Lamarche, P.D. Reimer, and C.A. Martin, The Documentation of Tar Balls on Oiled Shorelines: Lessons from the *New Carissa*, Oregon, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 749-769, 2000.

Owens, E.H., G.A. Sergy, and R.C. Prince, The Fate of Stranded Oil at the BIOS Site Twenty Years after the Experiment, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-11, 2002.

Owens, E.H., E. Taylor, and B. Hale, Oceanographic Studies in Harrison Bay and the Colville River Delta, Alaska, to Support the Development of Oil Spill Response Strategies, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 253-269, 2003.

Owens, E.H., A. Lamarche, P.D. Reimer, S.O. Marchant, and D.K. O'Brien, Pre-spill Shoreline Mapping in Prince William Sound, Alaska, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 233-251, 2003.

Owens, E.H., H.A. Parker-Hall, G.S. Mauseth, A. Graham, T. Allard, P.D. Reimer, J.W. Engles, J. Whitney, S.M. Lehmann, C. Williams, S. Penland, and C.B. Wooley, Shoreline and Surveillance Surveys on the *M/V Selendang Ayu* Spill Response, Unalaska Island, Alaska, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 509-525, 2005.

Page, C.A., P. Sumner, R.L. Autenrieth, J.S. Bonner, and T.J. McDonald, Materials Balance on a Chemically-dispersed Oil and a Whole Oil Exposed to an Experimental Beach Front, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 645-658, 1999.

Page, C.A., C.B. Fuller, R.L. Autenrieth, J.S. Bonner, P. Louchouart, P. Tissot, and T.J. McDonald, Materials Balance on an Oil Washed from a Sandy Substrate Using Shoreline Cleaners, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 697-708, 2000.

Page, C.A., J.S. Bonner, C.B. Fuller, and M.C. Sterling Jr., Dispersant Effectiveness in a Simulated Shallow Embayment, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 721-733, 2002.

Page, D.S., P.D. Boehm, G.S. Douglas, and A.E. Bence, Identification of Hydrocarbon Sources in the Benthic Sediments of Prince William Sound and the Gulf of Alaska following the *Exxon Valdez* Oil Spill, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 45, 1993 (abstract only).

Page, D.S., P.D. Boehm, E.S. Gilfillan, A.E. Bence, W.A. Burns, and P.J. Mankiewicz, Effects of the *Exxon Valdez* Oil Spill on the Subtidal Organic Geochemistry of Two Bays in Prince William Sound, Alaska, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1195-1209, 1996.

Page, D.S., P.D. Boehm, G.S., Douglas, J.S. Brown, A.E. Bence, W.A. Burns, and P.J. Mankiewicz, Mass Balance Constraints on the Sources of Petrogenic Hydrocarbon Background in Offshore Sediments of Prince William Sound and the Gulf of Alaska, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-9, 2000.

Page, D.S., A.E. Bence, W.A. Burns, P.D. Boehm, J.S. Brown, and G.S. Douglas, A Holistic Approach to Hydrocarbon Source Allocation in the Subtidal Sediments of Prince William Sound, Alaska, Embayments, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 547-563, 2002.

Palczynski, R.J., Physical and Chemical Properties of Spilled Oil, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 115-128, 1989.

Palczynski, R.J., A Study of the Underwater Discharges of Crude Oil and Gas, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 473, 1990 (abstract only).

Parker, H.W., C.E. Heintz, and P.T. Nash, Biodegradable Adsorbents for Aquatic Oil Spills - Adsorbent Capabilities and Biodegradation Rates, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 367-375, 1993.

Parker, M.N., Polar Lows in the Beaufort Sea, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 343-353, 1988.

Parsons, M.J., W.D. Stocky, J. Westerlind, H.R. Gram, M.P. Jadamec, and J.R. Johnson, A Remote Oil Spill Detection System for Early Warning of Spills at Waterfront or Land-based Facilities, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 357-363, 1992.

Paterson, B., G. Comfort, and M.M. Punt, Development of a Waterjet Barrier for Oil Spill Containment, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 439-455, 1992.

Paul, M. and P. Guerrier, PEPEC: A Response Guide Dealing with Protecting Public Health in Case of Drinking Water Contamination by an Oil or Chemical Spill on the St. Lawrence River, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 987-990, 2000.

Payne, J.R., W.B. Driskell, J.F. Braddock, J. Bailey, J.W. Short, L. Ka'aihue, and T.H. Kuckertz, From Tankers to Tissues - Tracking the Degradation and Fate of Oil Discharges in Port Valdez, Alaska, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 959-991, 2005.

Payne, J.R., E. Terrill, M. Carter, M. Otero, W. Middleton, A. Chen, D.P. French McCay, C. Mueller, K. Jayko, W. Nordhausen, R. Lewis, M. Lampinen, T. Evans, C. Ohlmann, G.L. Via, H. Ruiz-Santana, M. Maly, B. Willoughby, C. Varela, P. Lynch, and P. Sanchez, Evaluation of Field-collected Drifter and Subsurface Fluorescein Dye Concentration Data and Comparisons to High Frequency Radar Surface Current Mapping Data for Dispersed Oil Transport Modeling, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 681- 711, 2007.

Peabody, C.H., Freshwater Dispersant Study, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 265-274, 1982.

Peabody, C.H., R. Sinclair, and D.J. Lawrence, Offshore Dispersant Trials: Trajectory Modelling, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 526-548, 1984.

Peakall, D.B. and A.P. Gilman, The Sub-lethal Effects of Oil Dispersants on Seabirds, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 182-189, 1980.

Peakall, D.B., P.G. Wells, and D. Mackay, A Hazard Assessment of Chemically Dispersed Oil Spills and Seabirds - A Novel Approach, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 78-90, 1985.

Pearson, L.A., Amending the Oil Pollution Act of 1990 for State Implementation of Program Elements, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 325-347, 1997.

Pearson, L.A., Opinions on the Use of Oil Spill Response Methods in Prince William Sound and Cook Inlet, Alaska, *Proceedings of the Twenty-third AMOP Technical Seminar*, pp. 191-202, 2000.

Pearson, W.H., R.A. Elston, R.W. Bienert, A.S. Drum, and L.D. Antrim, An Analysis of the Potential for Oil Spill Effects on the Herring Population of Prince William Sound, Alaska, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 601-613, 1996.

Peck, J.B., B. Dufour, and V.P. Peck, Cost Accounting and Oil Spills, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 285-314, 1996.

Pécseli, M., G. Pritzl, A.B. Hansen, J.H. Christensen, O. Anderson, G. Banta, K. Johansen, and J.L. Sørensen, The *Baltic Carrier* Oil Spill: Monitoring and Assessment of PAC Levels in Water, Sediment and Biota, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 953-970, 2003.

Pelletier, E. and C. Brochu, Simulation of Oil Biodegradation under an Ice Cover, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 141-150, 1986.

Pelletier, E., C. Brochu, and J.H. Vandermeulen, Long-term Fate of Dispersed Oil at Low Temperatures in an Experimental Mesoscale Tank, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 43-61, 1987.

Pelto, M.J., C.-A. Manen, and B.E. Kirstein, A Two-dimensional Numerical Model for Predicting the Concentrations of Oil under a Slick, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 20-23, 1983.

Perkins, R.A., Selection of Potential Cold Water Marine Species for Testing of Oil, Dispersants, and Chemically Dispersed Oil, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 313-335, 2000.

Pertile, L., In-situ Combustion of Stranded Oil on Remote Shorelines, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 237-244, 1986.

Phillips, L.D., A.M. Nawwar, and F. Laperrière, Laboratory Testing to Optimize the Performance of a High Pressure Waterjet Barrier, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 193-207, 1987.

Philp, R.P., J. Allen, and T. Kuder, The Use of the Isotopic Composition of Individual Compounds for Correlating Spilled Oils and Refined Products in the Environment with Suspected Sources, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 565-579, 2002.

Poncet, F., R. Ragot, and F. Tintilier, The *Erika* Oil Spill Impact on Terrestrial Vegetation: Main Results of a Five-year Monitoring Program, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 301-317, 2007.

Pope, P.R., S.O. Hillman, and L. Safford, Arctic Coastal Plains Tundra Restoration: A New Application, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 93-108, 1982.

Potter, S.G. and E.M. Twardus, Development and Testing of an Air-Transportable Incinerator, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 65-69, 1983.

Potter, S.G. and L.B. Solsberg, Countermeasures for Dealing with Spills of Viscous, Waxy Crude Oils, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 223-235, 1986.

Potter, S.G., J. McCourt, and R. Smith, Estimation of Towing Forces on Oil Spill Containment Booms, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 825-832, 1999.

Potter, S.G., M.T. Bronson, E. Thompson, and L. Majors, Testing of Various Options for Improving the Pumping of Viscous Oils and Emulsions, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 387-401, 2007.

Price, M., Analysis of the Particular Spill Characteristics Observed by the Belgian Aerial Surveillance Program during the *Tricolor* Incident, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 307-316, 2004.

Price, M., Combining Airborne and Satellite Remote Sensing Programs to Repress Illegal Oil Discharges in Restricted Sea Areas, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 873-887, 2005.

Prince, R.C., Bioremediation and Biodegradation, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 839, 1999 (abstract only).

Prince, R.C., R.M. Garrett, C.E. Haith, J.H. Vandermeulen, S.E. Colbani, D.C. Mossman, and K. Lee, The Role of Biodegradation in the Weathering of Oil from the 1970 Arrow Spill, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 717-727, 1998.

Provant, S.G., Working with and Regulating the Oil Industry in Prince William Sound: A New Concept of Public Involvement, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 665-673, 1991.

Provant, S.G., Assessment of the TRANSREC-350 Mechanical Recovery Capacity of the Oil Spill Response Equipment in Prince William Sound, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 219-237, 1992.

Punt, M.M., G.E. Choryhanna, and A. Martin, Solvent Extraction and Recovery of Petroleum-derived Hydrocarbons from Soil, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 469-481, 1991.

Purves, W., The Interaction of Crude Oil and Natural Gas with First-year Sea Ice, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 126, 1978 (abstract only).

Purves, W., Design and Development of Oil Spill Recovery Devices for Ice-infested Waters, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 146, 1978 (abstract only).

Purves, W., Design and Development of Equipment to Aid in the Burning of Oil on Water, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 190, 1978 (abstract only).

Purves, W., R. Abdelnour, B. Roberts, and W.G. Wallace, Booms Offshore, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 222-252, 1980.

Putorti Jr., A.D., D.D. Evans, and E.J. Tennyson, Ignition of Weathered and Emulsified Oils, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 657-667, 1994.

Quaife, L.R., C.H. Peabody, H.M. Brown, and R.H. Goodman, The Freshwater Oilspill Research Program - Field Trial, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 601-621, 1986.

Radwan, S.S., R.H. Al-Hasan, S. Salamah, and M. Khanafer, Enhancing Effects of Picocyanobacteria on Growth and Hydrocarbon Consumption Potential of the Associated Oil-utilizing Bacteria, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 967-976, 2004.

Rallo, M., J.R. Bergueiro-López, A. Pita, M.-A. Mayol, and J. Natta, Characterisation and Evaporation of Pina Crude Oil Spilled at Sea and on Beach Sand, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 893-902, 1999.

Ramachandran, S.D., P.V. Hodson, C.W. Khan, and K. Lee, PAH Uptake by Juvenile Rainbow Trout Exposed to Dispersed Crude Oil, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 743-753, 2003.

Ramachandran, S.D., C.W. Khan, P.V. Hodson, K. Lee, and T.L. King, Role of Droplets in Promoting Uptake of PAHs by Fish Exposed to Chemically Dispersed Crude Oil, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 765-772, 2004.

Ranger, R.L. and D.B. Cassas, Computer Enhancement of Spill Response Decision Support, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 297-312, 1995.

Ranger, R.L., E.H. Owens, J.M. Colonell, and S.M. Ban, Spill Transport Assessments Using Oceanographic and Anecdotal Data Bases, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 727-737, 1996.

Read, R.J., H.J. Leadlay, S. Anderson, J. Brydon, and E.H. Owens, Refinement and Implementation of a Pre-SCAT Database and Shoreline Segmentation Methodology, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 771-793, 2000.

Reed, M. and E.R. Gundlach, Hindcast of the *Amoco Cadiz* Oil Spill, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 307-323, 1988.

Reed, M. and O.M. Aamo, Real Time Oil Spill Forecasting during MIZ'93, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 785-797, 1994.

Reed, M., M.L. Spaulding, E.R. Gundlach, T.W. Kana, and S.J. Siah, Formulation of a Shoreline/Oil Spill Interaction Model, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 77-100, 1986.

Reed, M., C.W. Turner, M.L. Spaulding, and D. Dorson, Evaluation of Surface Drifters for Satellite Tracking of Oil on the Sea Surface, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 267-290, 1987.

Reed, M., C.W. Turner, A. Odulo, and T. Isaji, Field Test of Satellite-positioned Drifters for Oil Spill Simulation and Tracking, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 329-360, 1990.

Reed, M., E.L. Anderson, K. Jayko, E.M. Howlett, T. Isaji, and M.L. Spaulding, ASAP: A State of the Art Oil Spill Model for Worldwide Application, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 143-146, 1992.

Reed, M., P.S. Daling, P.J. Brandvik, and I. Singsaas, Laboratory Tests, Experimental Oil Spills, Models and Reality: The *Braer* Oil Spill, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 203-209, 1993.

Reed, M., O.M. Aamo, and P.S. Daling, OSCAR, A Model System for Quantitative Analysis of Alternate Oil Spill Response Strategies, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 815-835, 1995.

Reed, M., O.M. Aamo, and K. Downing, Calibration and Testing of IKUs Oil Spill Contingency and Response (OSCAR) Model System, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 689-726, 1996.

Reed, M., P.S. Daling, O.G. Brakstad, I. Singsaas, L.-G. Faksness, B. Hetland, and N. Ekrol, OSCAR2000: A Multi-component 3-Dimensional Oil Spill Contingency and Response Model, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 663-680, 2000.

Reimer, E.M., Oil in Pack Ice: The *Kurdistan* Spill, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 529-544, 1980.

Reinharz, E., Concepts of Injury and the Oil Pollution Act of 1990, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 183-191, 1995.

Reiter, G.A. and J.A. Kemerer, Vessel Destruction: A Viable Response Option for Isolated Areas, *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 329-334, 1989.

Renard, E.P. and J.R. Clayton Jr., Statistical Assessment: Measurement Methods for Estimating Performance of Dispersants, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 973-1010, 1993.

Riebell, P.N. and J.A. Percy, Acute Toxicity of Petroleum Hydrocarbons to the Arctic Littoral Mysid, *Mysis oculata* (Fabricius), *Proceedings of the Twelfth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 161-185, 1989.

Rivet, C., Spill Experiences in St. Lawrence River Ice, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 400-401, 1985.

Robe, R.Q., I.M. Lissauer, and J.C. Myers, Beaufort Sea Drifting Buoys - 1983, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 327-341, 1984.

Roberts, D., Development of Oil Spill Burning Equipment, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 191-193, 1978.

Roberts, D., Design and Development of an Oil Recovery Vehicle (Skimmer) to Operate in Ice-infested Water, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 128, 1978 (abstract only).

Roberts, P., C.B. Henry Jr., and G. Shigenaka, Documentation of Weathered Petroleum Bioavailability to Intertidal Bivalve Species after the T/V *Exxon Valdez* Incident, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 939-940, 1998 (abstract only).

Robertson, I., Operational Examples of In-situ Burning: Lessons from the Burning of Two Recent Diesel Spills on the B.C. Coast, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 411-419, 1991.

Robertson, T.L., R. Dabney, J. Banta, M. Munger, and E. Haugstad, Methods Used to Develop Geographic Response Strategies for Central Cook Inlet, Alaska, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 227-236, 2000.

Robertson, T.L., E.G. DeCola, S. Fletcher, L.A. Pearson, and L. Iwamoto, The Spill Tactics for Alaska Responders Manual Project, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 245-250, 2006.

Robilliard, G.A., Oil Spill Protection and Cleanup Countermeasures on Arctic Shorelines: Are they Biologically Necessary?, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 325-330, 1982.

Robilliard, G.A. and E.H. Owens, An Integrated Biological and Physical Shoreline Classification Applicable to Oil Spill Countermeasure Planning, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 517-535, 1981.

Robilliard, G.A. and P.A. Lebednik, Effects of a No. 2 Fuel Oil Spill on the Intertidal and Shallow Subtidal Benthic Infauna of Arthur Kill, New Jersey/New York, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 341, 1993 (abstract only).

Robilliard, G.A., E.H. Owens, R. Castle, and C.R. Forget, Arctic Shoreline Protection and/or Cleanup - How to Decide What to Do, When and Where, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 342-378, 1980.

Robilliard, G.A., T.P. Winfield, P.A. Lebednik, and R.K. Markarian, Natural Resource Damage Assessments for Oil Spills: Status of Rules and Application to Recent Oil Spills, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 181-194, 1992.

Robinson, L., Effectiveness of Citizen Involvement, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 207-216, 2006.

Roddis, H.A.J., Development and Testing of Ice-tracking Buoys, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 433-444, 1980.

Roddis, H.A.J., A VHF Radio System for Tracking Drifting Buoys Automatically, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 413-423, 1982.

Rog, S., D. Owens, L.A. Pearson, M.A. Tumeo, J. Braddock, and T. Venator, PES-51 Shoreline Restoration of Weathered Subsurface Oil in Prince William Sound, Alaska, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 607-620, 1994.

Ross, C.W., Dispersant Research and Development Program, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 66-69, 1979.

Ross, S.L., Countermeasures for Oil Spills in Canadian Arctic Waters: The Arctic Marine Oilspill Program (AMOP), *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-29, 1980.

Ross, S.L., An Overview of Potential Large Oil Spills Offshore Canada and Possible Response Strategies, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 190-197, 1983.

Ross, S.L., The Case for Using Vessel-based Systems to Apply Oil-spill Dispersants, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 201-219, 1998.

Ross, S.L. and S. Maharaj, Potentially Beneficial Spill-related Effects of Chemicals Routinely Added to Crude Oils, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 123-137, 1993.

Ross, S.L. and R.C. Belore, Effectiveness of Dispersants on Thick Oil Slicks, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1011-1022, 1993.

Ross, S.L. and I.A. Buist, Preliminary Laboratory Study to Determine the Effect of Emulsification on Oil Spill Evaporation, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 91-109, 1995.

Ross, S.L., I.A. Buist, E. Young, and L. Rinaldo, The Use of Emulsion Inhibitors to Control Offshore Spills: Part I, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 192-211, 1985.

Ross, S.L., I.A. Buist, S.G. Potter, and R.C. Belore, Feasibility of Using OHMSETT for Dispersant Testing and Research, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 709-731, 2000.

Rowe, R.D and C.J. Lareshen, An Investigation of Bubble Groups from an Undersea Oilwell Blowout, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 31-39, 1988.

Rowe, R.D. and J.D. Bugg, Bubble Behaviour at the Wellhead of a Subsea Oilwell Blowout, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 129-138, 1988.

Rubec, P.J., A. Lamarche, A.A. LaVoi, and J.K. Winner, Wireless Electronic Support to the SCAT Process, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 147-155, 1998.

Rusin, J., T. Lunel, M. Sommerville, A. Tyler, and I. Marshall, Shoreline Oil Cleanup, Recovery and Treatment Evaluation System (SOCRATES), *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1117-1129, 1996.

Rusin, J., T. Lunel, and L. Davies, Validation of the EUROSPILL Chemical Spill Model, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1437-1477, 1996.

Russell, L.T., G.D.M. MacKay, W. Carson, and D. Skinner, The Removal of Spilled Oil from Recreational Beaches, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 277-286, 1979.

Rye, H., Model for Calculation of Underwater Blow-out Plume, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 849-865, 1994.

Rye, H., P.J. Brandvik, and M. Reed, Subsurface Oil Release Field Experiment - Observations and Modelling of Subsurface Plume Behaviour, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1417-1435, 1996.

Rytkönen, J., J. Sassi, and E. Mykkänen, Recent Oil Recovery Test Trials with Ice in Finland, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 577-594, 2003.

Sahota, H.S. and S. Venkatesh, Prediction of the Motion of Oil Spills in Northern Canadian Waters, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 223-243, 1978.

Salazar, M.H. and S.M. Salazar, Using Bioaccumulation and Growth in Caged Intertidal Oysters to Assess Oil Exposure and Effects in Delaware Bay, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 661-675, 1997.

Salvador, S.S., D.O. Hodgins, and M.F. Fingas, Current Data Derived from Ocean Drifters for Oil Spill Modelling, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1073-1083, 1997.

Savard, J.P., C. Rivet, W. Lau, and D. Mackay, Desirability of Chemical Dispersion of Oil Spills in the St. Lawrence Estuary, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 243-256, 1984.

Schepart, B.S., J.B. Hyzy, and M.T. Jorgenson, Laboratory Evaluation of Biodegradation of Crude Oil Contaminated Tundra Soil, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 689-714, 1992.

Schmidt Etkin, D., Factors in the Dispersant Use Decision-making Process: Historical Overview and Look to the Future, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 281-304, 1998.

Schmidt Etkin, D., Worldwide Analysis of Marine Oil Cleanup Cost Factors, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 161-174, 2000.

Schmidt Etkin, D., Methodologies for Estimating Shoreline Cleanup Costs, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 647-670, 2001.

Schmidt Etkin, D., Analysis of Past Marine Oil Spill Rates and Trends for Future Contingency Planning, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 227-252, 2002.

Schmidt Etkin, D. and J. Welch, Development of the Oil Spill Response Cost-effectiveness Analytical Tool, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 889-921, 2005.

Schmidt Etkin, D., C. Grey, P. Wells, J. Koefoed, M. Nauke, T. Meyer, J. Campbell, and S. Reddy, Estimates of Oil Entering the Marine Environment in the Past Decade: GESAMP Working Group 32 Project, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 903-910, 1998.

Schmidt Etkin, D., D.P. French McCay, N. Whittier, S. Sankaranarayanan, and J. Jennings, Modeling of Response, Socioeconomic, and Natural Resource Damage Costs for Hypothetical Oil Spill Scenarios in San Francisco Bay, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1075-1102, 2002.

Schmidt Etkin, D., D.P. French McCay, and J.J. Rowe, Modelling to Evaluate Effectiveness of Variations in Spill Response Strategy, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 879-892, 2006.

Schmidt Etkin, D., J.J. Rowe, S. Sankaranarayanan, D.P. French McCay, and J. Reichert, Using Current Analysis to Determine Efficacy of Pre-booming Operations, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 355-370, 2007.

Schmidt Etkin, D., D.P. French McCay, and J.J. Rowe, Using Analytical Models to Assess the Benefits of Oil Spill Response Technology, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 657-680, 2007.

Schulze, R.H., Oil Spreading in Broken Ice, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-4, 1985.

Schulze, R.H., Oil Spill Encounter Rate: A Means of Estimating Advancing Skimmer Performance, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 419-433, 1993.

Schulze, R.H., Use of Spill Encounter Rate to Establish Regulatory Requirements for Advancing Skimmers, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 513-518, 1994.

Schulze, R.H., A Case for Separators in Oil Spill Response, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 653-659, 1995.

Schulze, R.H., Estimating Skimmer Performance Using Controlled Test Data, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 365-373, 1998

Schulze, R.H. and P. Zahn, An Oil Spill Response System for an Offshore Ice Environment, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 151-176, 1982.

Schulze, R.H. and J. Lane, A Performance Review of Oil Spill Containment Booms, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 285-293, 2001.

Schulze, R.H., J.C. Cox, and L.A. Schultz, Oil Spill Behaviour in Remote Inland Environments, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 96-113, 1980.

Schulze, R.H., W. Thayer, and P. Zahn, A Spill Response System for Breakup, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 154-160, 1983.

Scott, J.G., Development and Evaluation of Viscous Oil Recovery Equipment, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 126-131, 1983.

Seip, K.L., H.M. Seip, A. Heiberg, and K.-A. Brekke, A Computer-assisted Method for Determining Oil Pollution Damage Scenarios in 8 Regions of Norway, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 402-422, 1984.

Sendstad, E., Potential for Biological Degradation of Stranded Oil, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. Appendix B pp. 5-6, 1979.

Sendstad, E., Accelerated Biodegradation of Crude Oil on Arctic Shorelines, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 402-416, 1980.

Sendstad, E., T. Hoddø, P. Sveum, K. Eimhjellen, K. Josefson, O. Nilsen, and T. Sommer, Enhanced Oil Biodegradation on an Arctic Shoreline, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 331-340, 1982.

Sendstad, E., P. Sveum, L.J. Endal, I. Brattbakk, and O.I. Rønning, Studies on a Seven-year-old Seashore Crude Oil Spill on Spitsbergen, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 60-74, 1984.

Sergy, G.A., Svalbard Project Objectives and Overview, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 833, 1999 (abstract only).

Sergy, G.A., Key Conclusions of the Svalbard Shoreline Experiment, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 845, 1999 (abstract only).

Sergy, G.A., S.A. Blenkinsopp, D.W.S. Westlake, J. Foght, and D. McLeay, The Development of Laboratory Methods for Assessing the Efficacy and Toxicity of Oil Spill Bioremediation Agents, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 355-365, 1993.

Sergy, G.A., C.C. Guénette, and E.H. Owens, In Situ Treatment of Oiled Sediment Shorelines Programme, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1353-1363, 1997.

Sergy, G.A., C.C. Guénette, E.H. Owens, R.C. Prince, and K. Lee, The Svalbard Shoreline Oilspill Field Trials, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 873-889, 1998.

Seureau, J.J., Detection of Hydrocarbon Films on the Surface of Water, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 403-415, 1999.

Shafer, R.V., The Alaskan Clean Seas Research, Development and Engineering Program, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 399-411, 1986.

Shafer, R.V., Continuing the Program: Alaska Clean Seas Research, Development and Engineering, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 407-422, 1987.

Shafer, R.V., Communication Systems for Oil Spill Response, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1187-1194, 1993.

Shafer, R.V. and S.O. Hillman, ABSORB 82: A Status Report on the Alaskan Beaufort Sea Oilspill Response Body, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 567-577, 1982.

Shafer, R.V. and D.H. Glenn, Shallow Water Access Mop Platform (SWAMP), *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 201-204, 1988.

Shafer, R.V. and S.J. Bowen, Arcticskim: An Oilspill Skimming System for Broken Ice and Shallow Waters, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 205-208, 1988.

Sheppard, E.P. and P.E. Georghiou, The Mutagenicity of Prudhoe Bay Crude Oil and its Burn Residues, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 195-213, 1981.

Shier, D. and B.N. Spiegel, Spills: The Legal Context, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 251-280, 1991.

Short, J.W., Oil Identification Based on a Goodness-of-fit Metric Applied to Hydrocarbon Analysis Results, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 581-592, 2002.

Short, J.W. and R.A. Heintz, Normal Alkanes and the Unresolved Complex Mixture as Diagnostic Indicators of Hydrocarbon Source Contributions to Marine Sediments of the Northern Gulf of Alaska, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 155-168, 2003.

Short, J.W., M.R. Lindeberg, P.M. Harris, J. Maselko, and S.D. Rice, Vertical Oil Distribution within the Intertidal Zone 12 Years after the *Exxon Valdez* Oil Spill in Prince William Sound, Alaska, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 57-72, 2002.

Sienkiewicz, A.M. and K. O'Shea, Response and Management Strategies Utilized during the Kenai Pipeline Crude Oil Spill, Nikiski, Alaska, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 239-251, 1992.

Sienkiewicz, A.M. and E.H. Owens, Stream-bank Cleanup Assessment Team (SCAT) Survey Techniques on the Kolva River Basin Oil Recovery and Mitigation Project, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1321-1333, 1996.

Sikstrom, C.B. and P.K. Jensen, A 50 to 70-year-old Oil Spill: Bluefish Creek, Northwest Territories, Canada, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 941-948, 1998.

Simecek-Beatty, D.A., Oil Spill Modelling and Contingency Planning: A Study for the Northwest Olympic Peninsula, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 799-814, 1994.

Simecek-Beatty, D.A., A Proposed Method for Computing Re-suspension of Submerged Oil, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 755-768, 2007.

Simecek-Beatty, D.A. and D. Timmons, The Use of Real-time Water Level Measurements in Emergency Response Operations, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 287-295, 1995.

Simecek-Beatty, D.A. and W.J. Lehr, Improving Oil Spill Observations with a Personal Digital Assistant, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1583-1586, 1996.

Simecek-Beatty, D.A. and A.C.T. Chen, Oil Spill Trajectory Uncertainty and Response Decisions, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 301-311, 1999.

Simecek-Beatty, D.A. and W.J. Lehr, NOAA-MMS Joint Langmuir Circulation and Oil Spill Trajectory Models Workshop, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 601-610, 2000.

Simecek-Beatty, D.A. and W.G. Pichel, RADARSAT-1 Synthetic Aperture Radar Analysis for *M/V Selendang Ayu* Oil Spill, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 931-949, 2006.

Simecek-Beatty, D.A., W.J. Lehr, and J.F. Lankford, Leaking Tankers: How Much Oil Was Spilled?, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 841-851, 1997.

Simecek-Beatty, D.A., W.J. Lehr, and R.A. Jones, Modeling the Release, Behavior, and Fate of Bitumen-Water Emulsions, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 439-447, 1998.

Simecek-Beatty, D.A. C. O'Connor, and W.J. Lehr, 3-D Modeling of Chemically Dispersed Oil, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1149-1159, 2002.

Singer, M.M., D.V. Aurand, J.R. Clark, G.A. Sergy, M.L. Sowby, and R.S. Tjeerdema, CROSERF: Toward a Standardization of Oil Spill Cleanup Agent Ecological Effects Research, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1263-1270, 1995.

- Singer, M.M., S. George, S. Jacobson, L.L. Weetman, G.J. Blondina, R.S. Tjeerdema, D.V. Aurand, and M.L. Sowby, Evaluation of the Aquatic Effects of Crude Oil, Dispersants, and their Mixtures, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 497-514, 1996.
- Singsaas, I., P.S. Daling, and H.V. Jensen, Meso-scale Flume Test for Laboratory Weathering of Oil, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 55-65, 1992.
- Singsaas, I., P.J. Brandvik, P.S. Daling, M. Reed, and A. Lewis, Fate and Behaviour of Oils Spilled in the Presence of Ice - A Comparison of the Results from Recent Laboratory, Meso-scale Flume and Field Tests, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 355-370, 1994.
- Singsaas, I., M. Reed, T. Nygaard, and G. Sundnes Jr., Oil Spill Contingency Planning for Offshore Oil Fields - A New Concept Established for the Norwegian Continental Shelf, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 181-200, 1998.
- Singsaas, I., P.S. Daling, and M. Reed, Advanced Management of Oil Spills: A 3-year Program for Development of Operational Tools for Oil Spill Contingency Planning, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 887-892, 1999.
- Singsaas, I., P.S. Daling, M. Reed, M.Ø. Moldestad, and H.V. Jensen, The Influence of Physical-Chemical and Rheological Properties of Oils on Skimmer Performance, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 303-317, 2001.
- Sinnarwalla, A.M., T.R. Sundaram, and C.D. McKindra, An Assessment of the Changes in Thermal Protection Provided by Polar Diving Suits due to a Combined Exposure to Oils, Water, and Frigid Temperatures, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 539-568, 1981.
- Siron, R. and É. Pelletier, The Use of Chromatographic Indexes to Study the Biodegradation of Crude Oil in Cold/Icy Seawater, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 101-120, 1993.
- Sirota, G.R., Formation Waters: Characterization and Significance, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 33-41, 1985.
- Slusarchuk, W.A., Interim Results of a Study on the Selection of Oil Spill Landfill Disposal and Temporary Storage Sites Along the Beaufort Sea Coast, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 51-58, 1978.

Slusarchuk, W.A., A Preliminary Assessment of Beach Cleanup Techniques: A Quasi-laboratory Assessment, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 272-275, 1979.

Smith, D.K., Prediction of Oil Spill Movement, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 365-366, 1979 (abstract only).

Smith, J.B.H., Development of Arctic River/Delta Boom and Helicopter Towing Techniques for Use in Shallow Water, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 483-488, 1991.

Smith, N.K. and A. Diaz, In-place Burning of Crude Oil in Broken Ice - 1985 Testing at OHMSETT, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 176-191, 1985.

Smrke, D.J. and E.M. Reimer, Novel Emulsion Separation Techniques, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 167-178, 1984.

Smyth, T.D. and A.C. Purdon, Probabilistic Forecasting of Liquid Cargo Spills in Ports, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 349-375, 1991.

Solsberg, L.B., A Review and Catalogue of Oil Skimmers, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 281-285, 1981.

Solsberg, L.B. and M. McGrath, Mechanical Recovery of Oil in Ice, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 427-437, 1992.

Solsberg, L.B. and F. Verjee, Evaluation of Inshore Skimmers, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 519-530, 1994.

Solsberg, L.B. and E.H. Owens, Cold Weather Oil Spill Response Training, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 187-193, 2001.

Solsberg, L.B., N.W. Glover, and M.T. Bronson, Best Available Technology for Oil in Ice, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1207-1224, 2002.

Sørstrøm, S.E., Experiences with the Use of In-situ Fluorescence for Detection of Petroleum Hydrocarbons in Sea Water, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 306-326, 1984.

Southwood, J.M. and D. Mackay, Modelling the Fate of Hydrocarbons in Oil Spills and Water, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 325-341, 1988.

Souza, E.S., J.A. Trigüis, S.M. Barbanti, and A.T. Volpon, Oil Bioremediation Processes in Brazilian Marine Environments - Laboratory Simulations, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 617-627, 2003.

Spaulding, M.L., Recent Spill Experiences: The *North Cape* Spill, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1487-1497, 1996.

Spaulding, M.L., E.L. Anderson, E.M. Howlett, T. Isaji, and K. Jayko, Oil Spill Model Shell: Worldwide Application, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-26, 1991.

Spaulding, M.L., A. Odulo, and V.S. Kolluru, A Hybrid Model to Predict the Entrainment and Subsurface Transport of Oil, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 67-92, 1992.

Spaulding, M.L., E.M. Howlet, E.L. Anderson, and K. Jayko, OILMAP: A Global Approach to Spill Modeling, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 15-21, 1992.

Spaulding, M.L., T. Opishinski, S. Haynes, and D.L. Mendelsohn, COASTMAP: An Integrated Monitoring and Modeling System to Support Oil Spill Response Modeling, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 731-758, 1995.

Spaulding, M.L., E.L. Anderson, E.M. Howlett, D.L. Mendelsohn, and T. Opishinski, Application of OILMAP and SIMAP to Predict the Transport and Fate of the North Cape Spill, Narragansett, Rhode Island, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 745-774, 1996.

Spaulding, M.L., P.R. Bishnoi, E.L. Anderson, and T. Isaji, An Integrated Model for Prediction of Oil Transport from a Deep Water Blowout, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 611-635, 2000.

Spaulding, M.L., M. Ward, and T. Isaji, Estimating Heavy Oil Release Rates from Sunken Vessels in Deep Marine Waters, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 351-370, 2004.

Spitzer, J.D., An Incident Command System in Practice and Reality, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 315-334, 1992.

Spitzer, J.D., Incident Command System Adoption by the U.S. Coast Guard: Candidate for an International Incident Management Doctrine?, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 269-284, 1996.

Spring, W., T.J. Nedwed, and R.C. Belore, Chemical Dispersion of Oil Spills, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 711-727, 2006.

St. Martin, J.W. and I.M. Lissauer, Satellite Buoy Trajectories - 1982, 1985, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 431-445, 1986.

Stahovec, J.G., R.W. Urban, and K.V. Wheelock, Water-cooled, Fire Boom Blanket, Test and Evaluation for System Prototype Development, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 599-611, 1999.

Stapleton, G.F., S.K. Parashar, J.B. Snellen, and R.D. Worsfold, Detection of Oil under Ice - A Laboratory Program, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 587-605, 1981.

Stehmeier, L.G., K. Ikeda-Cameron, M. Francis, and B. Young, Biofluffing: Enhancing Biological Remediation of Near-surface Spills by Augering, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1283-1299, 1996.

Stehmeier, L.G., L. Cooke, R. Hornett, and R. Aravena, Use of Stable Isotopes to Monitor the Natural Attenuation of Dicyclopentadiene, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 907-920, 2002.

Stephens, F.L., J.S. Bonner, T.J. McDonald, M.A. Mills, and R.L. Autenrieth, Using an Automated Iatroscan TLC/FID System to Measure Compositional Hydrocarbons Associated with Petroleum Biodegradation, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 165-174, 1997.

Sterling Jr., M.C., T.O. Ojo, R.L. Autenreith, J.S. Bonner, C.A. Page, and A.N.S. Ernest, Coalescence Kinetics of Dispersed Crude Oil in a Laboratory Reactor, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 741-753, 2002.

Sterling, Jr., M.C., T.O. Ojo, R.L., Autenrieth, J.S. Bonner, C.A. Page, and A.N.S. Ernest, Application of Particle Population Kinetics in Modeling the Vertical Transport of Chemically Dispersed Crude Oil, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 787-798, 2003.

Sterling, Jr., M.C., R.L. Autenrieth, J.S. Bonner, C.A. Page, C.B. Fuller, and A.N.S. Ernest, PAH Partitioning in a Toxicity Exposure Chamber, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 143-154, 2003.

Stewart, P.C., Design and Development of Oil Recovery Devices for Ice-infested Waters - Oil Mop Arctic Skimmer, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 129-130, 1978.

Stewart, P.C., Construction of a Prototype Arctic Off-shore Oil Mop Skimmer, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 159-164, 1979.

Stillings, W.I., Response Operations on the Kolva River Basin 1995 Oil Recovery and Mitigation Project, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1309-1319, 1996.

Stiver, W.H., M. Novak, W.Y. Shiu, and D. Mackay, Recent University of Toronto Studies on the Fate and Effects of Oil in the Marine Environment, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 24-29, 1983.

Stoffyn-Egli, P.M., K. Lee, S.A. Blenkinsopp, and G.A. Sergy, Field Tests for the Verification of Oil-Mineral Aggregate (OMA) Formation, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1041-1050, 2000.

Stone, G.W., A New Wave-Current Online Information System for Oil Spill Contingency Planning (WAVCIS), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 401-425, 2001.

Stout, S.A., P.J. Barrett, and L.G. Roberts, Predicting the Spill Behavior of Orimulsion Using Design of Experiment Principles, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 15-42, 1999.

Stringer, W. and G. Weller, Studies of the Physical Behaviour of Oil in Ice, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 31-44, 1980.

Strøm-Kristiansen, T., A. Lewis, P.S. Daling, and A.B. Nordvik, Demulsification by Use of Heat and Emulsion Breaker, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 367-384, 1995.

Strøm-Kristiansen, T., P.S. Daling, P.J. Brandvik, and H.V. Jensen, Mechanical Recovery of Chemically Treated Oil Slicks, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 407-421, 1996.

Sublette, K.L., R. Kolhatkar, K. Pim, A. Kolhatkar, K.E. Duncan, B. Miller, R. Fogg, P. Rider, A. Stepp, M. Carey, T. Todd, and A. Cross, Long-term Impacts of a Crude Oil Spill on a Pristine Soil Ecosystem, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 979-1011, 2002.

Sublette, K.L., K.E. Duncan, G. Thoma, and T. Todd, Characterization of the Vadose Zone above a Shallow Aquifer Contaminated with Gas Condensate Hydrocarbons, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1013-1050, 2002.

Sulzberger, C., Spill Behaviour of Maui B Crude Oil (Offshore Taranaki, New Zealand) under Simulated Wind and Wave Conditions, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1031-1040, 2000.

Suwasono, D. and E.T. Putri, Restrictions on the Compatibility of Equipment in Archipelago Countries: PERTAMINA Experiences in Indonesia, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1315-1325, 1997.

Suzuki, I., The Trawling System for the Recovery of Oils Sunk below the Water Surface, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 157-165, 1985.

Suzuki, I. and K. Miki, Testing of Oil Skimmers Developed in Japan for Use in Cold Climates, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 96-118, 1984.

Sveum, P., Fate and Effects of Dispersed and Non-dispersed Oil on Arctic Mud Flats, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 149-167, 1987.

Sveum, P., Accidentally Spilled Gas-Oil in a Shoreline Sediment on Spitsbergen: Natural Fate and Enhancement of Biodegradation, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 177-192, 1987.

Sveum, P. and E. Sendstad, Oil Polluted Seaweeds in the Arctic - Short-term Effects on Decomposers and Fate of the Oil, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 59-77, 1985.

Sveum, P. and L.-G. Faksness, Enhanced Biological Degradation of Crude Oil in a Spitsbergen Tundra Site, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 377-391, 1993.

Sveum, P. and C. Bech, Natural Self Cleaning and Enhanced Self Cleaning of Crude Oil, Crude Oil Emulsions and Diesel from Arctic Shoreline Sediments, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1137-1148, 1993.

Sveum, P., C. Bech, and M. Thommasen, Burning of Oil in Snow: Experiments and Implementation in a Norsk Hydro Drilling Contingency Plan, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 399-410, 1991.

Swannell, R.P.J., A. Bassères, K. Lee, and F.-X. Merlin, A Direct Respirometric Method for the In Situ Determination of Bioremediation Efficacy, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1273-1286, 1994.

Swannell, R.P.J., F. Daniel, B.C. Croft, M.A. Engelhardt, S. Wilson, D.J. Mitchell, and T. Lunel, Influence of Physical and Chemical Dispersion on the Biodegradation of Oil under Simulated Marine Conditions, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 617-641, 1997.

Swannell, R.P.J., D.J. Mitchell, D.M. Jones, A.L. Willis, K. Lee, and J.E. Lepo, An Evaluation of Bioremediation of Oiled Sediments Buried within a Mudflat Environment, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 703-713, 1997.

Swift, M.R., J. Belanger, B. Celikkol, R.R. Steen, and D. Michelin, Observations of Conventional Oil Boom Failure, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 481-492, 2000.

Swift, M.R., B. Celikkol, R.R. Steen, W. DiProfio, and S.E. Root III, A Flexible Submergence Plane Barrier for Fast Current Applications, *Proceedings of the Twenty-third AMOP Technical Seminar*, pp. 401-414, 2000.

Swiss, J.J. and S.D. Gill, Planning, Development and Execution of the 1983 East Coast Dispersant Trials, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 443-453, 1984.

Swiss, J.J., N. Vanderkooy, S.D. Gill, R.H. Goodman, and H.M. Brown, Beaufort Sea Oil Spill Dispersant Trial, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 307-328, 1987.

Tam, G. and W. Purves, Combustion Promoters Evaluation, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 213-229, 1979.

Taylor, E. and L. Eglund, Marine Spill Response Planning for the Non-persistent Oil Transportation Industry in Alaska, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 221-241, 1998.

Taylor, E. and B. Geddes, A Hazards Analysis Program for Spill Prevention and Contingency Planning, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 705-718, 1999.

Taylor, E. and M. Green, Spill Response Exercises and Lessons Learned - A Response Organizations's Perspective, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 117-130, 2001.

Taylor, E., E.H. Owens, and A.B. Nordvik, A Review of Mechanical Beach-cleaning Machines, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 621-634, 1994.

Taylor, E., A. Steen, and D. Fritz, A Review of Environmental Effects from Oil Spills into Inland Waters, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1095-1115, 1995.

Taylor, E., R.C. Belore, and J. Simmons, On the Evaluation of Mechanical Equipment Designed for Beach Cleaning, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 887-900, 1995.

Teal, A.R., Mackenzie River Response - Innovative Techniques, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 91-95, 1984.

Teal, A.R., Shoreline Cleanup following the *Exxon Valdez* Oil Spill - The Decision Process for Cleanup Operations, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 423-429, 1990.

Tebeau, P.A. and I.M. Lissauer, U.S. Coast Guard's Oil Spill Response Technology Research and Development: A Progress Report, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 211-219, 1993.

Tebeau, P.A., D. Mackay, W.Y. Shiu, W.H. Stiver, K. Hossain, D. McCurdy, and S. Paterson, Oil Weathering under Arctic Conditions, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 15-24, 1982.

Tebeau, P.A., K.A. Hansen, J.W. Fant, and M.M. Terrien, Assessing the Long-term Implementation Costs versus Benefits Associated with Laser Fluorosensor Spill Response Technology, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 451-468, 2007.

Tennyson, E.J., Shipborne Radar as an Oil Spill Tracking Tool, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 385-390, 1988.

Tennyson, E.J. and H. Whittaker, The 1987 Newfoundland Oil Spill Experiment - An Overview, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 221-227, 1988.

Thimm, H.F., J. Stepler, and W.R. Johnson, Development of a Reference Oil for Arctic Oil Spill Countermeasures Testing, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 145, 1978 (abstract only).

Thomas, D.H. and P.R. Morris, The West Netting System for the Recovery of Semi-solid Oils, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 97-103, 1983.

Thomas, D.H. and T. Lunel, The *Braer* Incident: Dispersion in Action, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 843-859, 1993.

Thomas, G.L. and W. Cox, A Nowcast-Forecast Information System for Prince William Sound, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 247-255, 2000.

Thompson, E., Public Involvement in Marine Safety: The Relationship between the Prince William Sound Regional Citizens' Advisory Council and the U.S. Coast Guard, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 295-299, 1991.

Thornton, D.E. and P.J. Blackall, Experimental Oil Spills: The Baffin Island Oil Spill in Particular, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 486-494, 1980.

Thorpe, J.W., J.H. Vandermeulen, and K. Hellenbrand, Degradation Rates of Crude Oil and Petroleum Products in an Experimental Marine Sand Column under Differing Temperature Conditions, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 119-129, 1986.

Tidmarsh, W.G. and R.G. Ackman, Fish Tainting and Hydrocarbons in the Environment: A Perspective, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 131-140, 1986.

Till, S.M. and R.A. O'Neil, Development of an Airborne Operational Laser Fluorosensor for Use in the Canadian Offshore and Arctic, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 287-291, 1985.

Tinis, S.E., D.O. Hodgins, and M.F. Fingas, Assimilation of Radar Measured Surface Current Fields into a Numerical Model for Oil Spill Modelling, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 863-875, 1997.

Tissot, P., C.B. Fuller, P. Louchouart, J.S. Bonner, S. Dellamea, and D. Bujnoch, Quantitative Method for Surface Oil Measurement and Recovery Based on a New Type of Low Impact Skimmer, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 353-366, 2000.

Tissot, P., J. Perez, F.J. Kelly, J.S. Bonner, and P. Michaud, Dynamic Neural Network Modeling of HF Radar Current Maps for Forecasting Oil Spill Trajectories, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 519-529, 2001.

Tkalich, P., Vertical Dispersion of Oil Droplets, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 911-925, 2003.

To, N.M., J.E. Eastwood, and R.H. Goodman, The Use of a Forced Trajectory to Predict Risk of Oil Contamination on a Distant Shoreline, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 423-436, 1985.

Topham, D.R., The Modelling of Deep Oilwell Blowout Plumes, Including the Effects of Hydrate Formation, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 87-111, 1981.

Topham, D.R. and P.R. Bishnoi, Deep Water Blowouts, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 87-95, 1980.

Topham, D.R., G.A. Gregory, and M. Fogarasi, Calculations of the Flow in the Marine Riser Section of a Sub-sea Oilwell Blowout Collection Device, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 113-128, 1982.

Trudel, B.K., Effects of Crude Oil and Crude Oil/Corexit 9527 Suspensions on Carbon Fixation by a Marine Phytoplankton Community, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 114-125, 1978.

Trudel, B.K., Modelling the Biological Impact of Spilled Oil, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 140-143, 1980.

Trudel, B.K., Methods for Predicting the Ecological Effects of Chemically Treated and Untreated Oil Spills, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 477-481, 1982.

Trudel, B.K. and J.J. Swiss, Application of Chemical Dispersants to Oil Spills in the Southern Beaufort Sea: Some Preliminary Findings, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 241-244, 1985.

Trudel, B.K., B.J. Jessiman, R.C. Belore, and S.L. Ross, A Microcomputer-based Spill Impact Model and its Application to Oil Spill Dispersant Use Decision-making in the U.S. Gulf of Mexico, *Proceedings of the Eleventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 139-151, 1988.

Trudel, B.K., I.A. Buist, D. Schatzke, and D.V. Aurand, Laboratory Studies of the Properties of In-situ Burn Residues: Chemical Composition of Residues, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1063-1079, 1996.

Trudel, B.K., S.L. Ross, R.C. Belore, S. Buffington, and G. Rainey, Technology Assessment of the Use of Dispersants on Spills from Drilling and Production Facilities in the Gulf of Mexico Outer Continental Shelf, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 531-549, 2001.

Trudel, B.K., S.L. Ross, R.C. Belore, S. Buffington, C. Ogawa, and D. Panzer, Assessment of the Use of Dispersants on Oil Spills in California Marine Waters, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 755-772, 2002.

Tumeo, M.A., A. Cote, T. Pfister, B. Adler, and S. Rog, Use of Surfactants in Oil Spill Remediation in Cold Regions, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 385-391, 1995.

Tunaley, J.K.E., The Scattering of Electromagnetic Waves from Sea-Ice, Oil and Sea-Water Interfaces, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 292-302, 1985.

Tunaley, J.K.E. and D.R. Moorcroft, Aspects of the Detection of Oil under Sea Ice Using Radar Methods, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 463-474, 1986.

Twardus, E.M., Evaluation of Air-deployable Incendiary Devices for the Ignition of Oil on Water, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 148-163, 1978.

Twardus, E.M., Development of Continuously-burning Wicking Devices for Burning Oil Slicks, *Proceedings of the First AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 164-178, 1978.

Twardus, E.M., A Study to Establish the Composition and Selected Physical Characteristics of Aged and Emulsified Oils, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 184-203, 1979.

Twardus, E.M., In Situ Combustion: An Oil Spill Countermeasure for Arctic Shorelines, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 385-401, 1980.

Twardus, W., Evaluation of a Portable Open-pit Incinerator for the Disposal of Oil-soaked Debris, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 249-263, 1979.

Twardawa, P. and G. Couture, An Incendiary Device for the Ignition of Oil in Melt Pools, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 232-236, 1979.

Twardawa, P. and G. Couture, Incendiary Devices for the In-situ Burning of Oil Spills, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 281-290, 1980.

Ueda, K. and H. Yamanouchi, The Influence of Oil Viscosity on Spilled Oil Recovery by Suction, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 595-604, 2003.

Ueda, K. and H. Yamanouchi, Pressure Drop through Pipe during Transfer of Viscous Oils and Oil-Water Mixture, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 437-446, 2005.

Ueda, K., H. Yamanouchi, T. Maeda, and S. Fujii, Withdrawal of Highly Viscous Oil and Oil Layer at a Moving Barrier, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 773-780, 1999.

Ueda, K., H. Yamanouchi, and K. Hikida, Recovery of Spilled Oil in Waves, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 275-283, 2001.

Van Ieperen, M.P. and G.L. Hood, Blasting of Oil Containment Trenches in Multi-year Ice, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 208-213, 1980.

Van Kooten, G.K., J.W. Short, and J.J. Kolak, Low-maturity Kulthieth Formation Coal: A Possible Source of Polycyclic Aromatic Hydrocarbons in Benthic Sediment of the Northern Gulf of Alaska, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 593-618, 2002.

Vandermeulen, J.H. and J.R. Jotcham, Long-term Persistence of Bunker C Fuel Oil and Revegetation of a North-temperate Saltmarsh: Miguasha 1974-1985, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 151-166, 1986.

Vandermeulen, J.H., V. Vignier, and D.C. Mossman, Toxicology of Hibernia Crude Oil in Parr and Smolt of Atlantic Salmon (*Salmo salar*), *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1287-1301, 1994.

Vanêk, T., Š. Valenová, and P. Soudek, Phytoremediation and Land Management of Radionuclide-contaminated Areas, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 315-329, 2006.

Vanêk, T., Z. Vavrikova, A. Gerth, and R. Podlipna, Phytoremediation of Explosives from Laboratory to Real Application, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1087-1103, 2006.

Varlamov, S.M., Oil Spill Simulation System: Structure and Verification for the Sea of Japan, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 575-596, 2001.

Varlamov, S.M. and J.-H. Yoon, Operational Simulation and Forecast of the Aige 2002 Oil Spill in the Sea of Japan, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 879-892, 2003.

Vavrek, M.C. and W.J. Campbell, Impact of Oil on Natural Regeneration of Vegetation, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 417-426, 1999.

Vefsnmo, S. and B.O. Johannessen, Experimental Oil Spill in the Barents Sea - Drift and Spread of Oil in Broken Ice, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1331-1343, 1994.

Velicogna, D., A. Koundakjian, I. Beausejour, and K. Volcheck, The Separation of Stable Water-in-oil Emulsions, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 467-477, 1992.

Vendl, K.A., T.C. Basso, and L.E. Bengal, Environmental Cleanup of Oil Production Sites in Southern Illinois, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1279-1282, 1996.

Venkatesh, S., H. El-Tahan, G. Comfort, and R. Abdelnour, Modelling the Spread of Oil Spills in Ice-infested Waters, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 139-156, 1990.

Villoria, C., F. Salata, F. Marruffo, P. Masciángioli, G. Febres, and N.G. Tavel, Operational Exercise for the Containment and Recovery of Oil Emulsion Spills: Effectiveness of the Methodology and Equipment Used, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 421-435, 1997.

Walavalkar, A.Y. and A.K. Kulkarni, A Comprehensive Review of Oil Spill Combustion Studies, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1081-1103, 1996.

Walavalkar, A.Y. and A.K. Kulkarni, A Mathematical Model for In-situ Burning of Water-in-oil Emulsions, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 809-821, 1997.

Walavalkar, A.Y. and A.K. Kulkarni, Combustion of Floating, Water-in-oil Emulsion Layers Subjected to External Heat Flux, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 847-856, 2000.

Walavalkar, A.Y. and A.K. Kulkarni, Combustion of Mixtures of Weathered Alaskan Crude Oils and Water under External Heat Flux, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 755-765, 2001.

Walker, A.H., D.K. Scholz, and J.N. Boyd, A Job Aid for Evaluating Spill Countermeasures Products and Technologies, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 203-216, 2000.

Walker, M.I. and T. Lunel, Response to Oil Spills at Sea Using Both Demulsifiers and Dispersants, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 537-557, 1995.

Walker, M.I., T. Lunel, P.J. Brandvik, and A. Lewis, Emulsification Processes at Sea - Forties Crude Oil, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 471-491, 1995.

Walker, N.D., A. Babin, L.J. Rouse, and W.J. Wiseman, Predictability of Surface Currents and Fronts off the Mississippi Delta, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 427-453, 2001.

Wallace, R.B., T.M. Rushlow, and R.J.B. Bouwmeester, In-situ Measurement of Oil Droplets Using an Image Processing System, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 421-429, 1986.

Wallace, W.G., Modifications of Two Heavy Oil Recovery Devices, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 379-384, 1980.

Walton, W.D., D.D. Evans, K.B. McGrattan, H.R. Baum, W.H. Twilley, D. Madrzykowski, A.D. Putorti, R.G. Rehm, H. Koseki, and E.J. Tennyson, In Situ Burning of Oil Spills: Mesoscale Experiments and Analysis, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 679-734, 1993.

Walton, W.D., J. McElroy, W.H. Twilley, and R.R. Hiltabrand, Smoke Measurements Using a Helicopter Transported Sampling Package, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 735-764, 1994.

Walton, W.D., W.H. Twilley, J. McElroy, D.D. Evans, and E.J. Tennyson, Smoke Measurements Using a Tethered Miniblimp at the Newfoundland Offshore Oil Burn Experiment, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1083-1098, 1994.

Walton, W.D., W.H. Twilley, A.D. Putorti, and R.R. Hiltabrand, Smoke Measurements Using an Advanced Helicopter Transported Sampling Package with Radio Telemetry, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1053-1074, 1995.

Walton, W.D., K.B. McGrattan, and J.V. Mullin, ALOFT-PC: A Smoke Plume Trajectory Model for Personal Computers, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 987-997, 1996.

Walton, W.D., W.H. Twilley, and J.V. Mullin, An Evaluation of Propane as a Fuel for Testing Fire-resistant Oil Spill Containment Booms, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 755-767, 1997.

Walton, W.D., W.H. Twilley, R.R. Hiltabrand, and J.V. Mullin, Evaluating a Protocol for Testing Fire-resistant Oil Spill Containment Booms, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 651-671, 1998.

Walton, W.D., W.H. Twilley, N.P. Bryner, L. Delauter, R.R. Hiltabrand, and J.V. Mullin, Second Phase Evaluation of a Protocol for Testing Fire-resistant Oil Spill Containment Booms, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 447-466, 1999.

Wang, J., V.K. Goncharov, N.Y. Klementieva, and Z. Li, Assessment of Oil Pollution as Consequence of the Oil Leaks from Seabed Pipeline in the Bohai Sea, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 939-948, 2005.

Wang, Z.D. and M.F. Fingas, Study of the Effects of Weathering on the Chemical Composition of a Light Crude Oil, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 133-171, 1994.

Wang, Z.D. and M.F. Fingas, Quantitative Oil Analysis Method, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 307-336, 1994.

Wang, Z.D. and M.F. Fingas, Separation and Characterization of Petroleum Hydrocarbons and Surfactant in Orimulsion Dispersion Samples, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 115-135, 1996.

Wang, Z.D. and M.F. Fingas, Identification of the Source(s) of Unknown Spilled Oils (Review), *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 69-106, 1999.

Wang, Z.D., M.F. Fingas, and K. Li, Fractionation of ASMB Oil and Identification and Quantification of Aliphatic, Aromatic and Biomarker Compounds by GC/FID and GC/MS, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 11-44, 1993.

Wang, Z.D., M.F. Fingas, and G.A. Sergy, Study of 22-year-old Arrow Oil Samples Using Biomarker Compounds by GC/MS, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 93-131, 1994.

Wang, Z.D., M.F. Fingas, and G.A. Sergy, Chemical Characterization of Crude Oil Residues from an Arctic Beach by GC/MS and GC/FID, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 111-139, 1995.

Wang, Z.D., M.F. Fingas, M. Landriault, L. Sigouin, and N. Xu, Identification of Alkyl Benzenes and Direct Determination of BTEX and (BTEX + C₃-Benzenes) in Oils by GC/MS, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 141-164, 1995.

Wang, Z.D., M.F. Fingas, S.A. Blenkinsopp, G.A. Sergy, M. Landriault, L. Sigouin, J. Foght, and D.W.S. Westlake, Oil Composition Changes Due to Biodegradation and Differentiation between These Changes and Those Due to Weathering, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 163-183, 1996.

Wang, Z.D., M.F., Fingas, M. Landriault, L. Sigouin, and Y. Feng, Using Systematic and Comparative GC/MS and GC/FID Data to Identify the Source of an Unknown Oil on Contaminated Birds, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 199-222, 1996.

Wang, Z.D., M.F. Fingas, M. Landriault, L. Sigouin, B. Castle, D. Hostetter, and D. Zhang, Identification and Linkage of Tarballs from the Coasts of Vancouver Island and Northern California Using GC/MS and Isotopic Techniques, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 111-136, 1997.

Wang, Z.D., M.F. Fingas, S.A. Blenkinsopp, G.A. Sergy, M. Landriault, L. Sigouin, and P.G. Lambert, Study of the 25-year-old Nipisi Oil Spill: Persistence of Oil Residues and Comparisons between Surface and Subsurface Sediments, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 137-163, 1997.

Wang, Z.D., M.F. Fingas, L. Sigouin, M. Landriault, K. Li, P.G. Lambert, R.D. Turpin, P.R. Campagna, and J.V. Mullin, Quantitative Characterization of PAHs in Burn Residue and Soot Samples and Differentiation of Pyrogenic PAHs from Petrogenic PAHs - The 1994 Mobile Burn Study, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 673-703, 1998.

Wang, Z.D., M.F. Fingas, M. Landriault, L. Sigouin, S. Grenon, and D. Zhang, Source Identification and Tracking of an Unknown Spilled Oil from Quebec (1998) by Unique Biomarkers and Diagnostic Ratios of Source-specific Marker Compounds, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 107-128, 1999.

Wang, Z.D., M.F. Fingas, E.H. Owens, and L. Sigouin, Study of Long-term Spilled *Metula* Oil: Degradation and Persistence of Petroleum Biomarkers, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 99-122, 2000.

Wang, Z.D., M.F. Fingas, M. Landriault, and L. Sigouin, Characterization and Identification of a 'Mystery' Oil Spill from Quebec (1999), *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 123-144, 2000.

Wang, Z.D., P.L. Jokuty, M.F. Fingas, L. Sigouin, G.L. Stephenson, and J. McCann, Characterization of Federated Oil Fractions Used for the PTAC Project to Study the Petroleum Fraction-specific Toxicity to Soils, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 79-98, 2001.

Wang, Z.D., K. Li, M.F. Fingas, L. Sigouin, and L. Ménard, Characterization and Source Identification of Hydrocarbons in Water Samples Using Multiple Analytical Techniques, *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 99-115, 2001.

Wang, Z.D., K. Li, M.F. Fingas, and L. Sigouin, Lab Validation Study for the Reference Method for the Canada Wide Standard for Petroleum Hydrocarbons in Soil - CCME Tier 1 Method, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 91-114, 2002.

Wang, Z.D., M.F. Fingas, and L. Sigouin, Using Multiple Criteria for Fingerprinting Unknown Oil Samples Having Very Similar Chemical Composition, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 639-659, 2002.

Wang, Z.D., B.P. Hollebone, M.F. Fingas, B.G. Fieldhouse, M. Landriault, P.L. Smith, and J. Weaver, Development of a Physical and Chemical Property Database for Ten US EPA-selected Oils, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 117-142, 2003.

Wang, Z.D., M.F. Fingas, and P.G. Lambert, Characterization and Identification of Detroit River Mystery Oil Spill (2002), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 169-192, 2003.

Wang, Z.D., M.F. Fingas, L. Sigouin, C. Yang, and B.P. Hollebone, Comparison Study for the CCME Reference Method for Determination of PHC in Soil by Using Internal and External Standard Methods and by Using Silica Gel Column Cleanup and In-situ Silica Gel Cleanup Methods, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 193-218, 2003.

Wang, Z.D., B.P. Hollebone, C. Yang, M.F. Fingas, and M. Landriault, Source Identification of an Unknown Spill (2002) from Canal Ste-Anne-de-Bellevue, Quebec by the Multi-criterion Analytical Approach and Lab Simulation of the Spill Sample, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 73-102, 2004.

Wang, Z.D., M.F. Fingas, C. Yang, B.P. Hollebone, and X. Peng, Biomarker Fingerprinting: Application and Limitations for Source Identification and Correlation of Oils and Petroleum Products, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 103-136, 2004.

Wang, Z.D., B.P. Hollebone, C. Yang, B.G. Fieldhouse, M.F. Fingas, M. Landriault, R.L. Gamble, X. Peng, and J. Weaver, Oil Composition and Properties for Oil Spill Modelling, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 93-112, 2005.

Wang, Z.D., C. Yang, M.F. Fingas, B.P. Hollebone, and M. Landriault, Characterization, Weathering and Application of Sesquiterpanes to Source Identification of Spilled Oils, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 113-132, 2005.

Wang, Z.D., C. Yang, B.P. Hollebone, M.F. Fingas, P.G. Lambert, and M. Landriault, Characterization and Identification of Spill Samples from Recent Spill Incidents, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 113-142, 2006.

Wang, Z.D., K. Li, P.G. Lambert, C.E. Brown, C. Yang, and B.P. Hollebone, Identification and Characterization of Polycyclic Aromatic Compounds in Tire Fire Products and Differentiation of Pyrogenic PAHs from Petrogenic PAHs, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 61-85, 2007.

Webb, R., Sea Ice Over-flooding: A Challenge to Oil Spill Countermeasure Planners in the Outer Mackenzie Delta, NWT, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 243-256, 1995.

Weisman, R., Modelling Command and Control for Emergency Response Scenarios: A Marine Oil Spills Perspective, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 311-337, 1993.

Wells, P.G., The United Nations GESAMP Review of Impact of Oil on the Marine Environment: Current Progress, *Proceedings of the Thirteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 471, 1990 (abstract only).

Wells, P.G. and G.W. Harris, The Acute Toxicity of Dispersants and Chemically Dispersed Oil, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 144-157, 1980.

Wells, P.G. and S. Abernethy, Biological Effects of Chemically Dispersed Crude Oils in Inshore Marine Sediments - Preliminary Results from Behavioural Experiments with a Post-larval Crustacean in the Laboratory, *Proceedings of the Sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 30-31, 1983.

- Wells, P.G., S. Abernethy, and D. Mackay, The Effectiveness of Dispersants and the Acute Toxicity of Chemically Dispersed Crude Oils - Studies with the MacKay-Steelman-Nadeau Apparatus and Marine Copepods, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 47-59, 1984.
- Wells, P.G., S. Abernethy, and D. Mackay, Acute Toxicity of Solvents and Surfactants of Dispersants to Two Planktonic Crustaceans, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 228-240, 1985.
- Wessels, E., New Test Basin for Experimental Studies on Oil Spill in Ice, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 271-279, 1992.
- Westergaard, R.H., Countermeasure Developments for Offshore Drilling in the North Sea, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, Appendix B pp. 1-3, 1979.
- Westlake, W.S., J. Foght, J.S., Goudy, M. Dale, and J. Hoddinott, The Biological Component of the Freshwater Oilspill Research Program, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 628-634, 1986.
- Westphal, P., E. Taylor, and D.V. Aurand, Human Health Risk Associated with Burning as a Spill Countermeasure, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 685-705, 1994.
- Whipple, F., Mechanical Protection Planning for Sensitive Resources, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 371-378, 1994.
- Whitney, J., C.V. Lautenberger, and L. Dietrick, Alaska Regional Response Team In-situ Burn Guidelines and Preapprovals, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 419-437, 1994.
- Whittaker, H. and F.S. Wood, The USCG/Environment Canada/ASTM Standards Development Program, *Proceedings of the Fifteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 301-306, 1992.
- Wickley-Olsen, E., M.C. Boufadel, T.L King, Z. Li, K. Lee, and A.D. Venosa, Regular and Breaking Waves in Wave Tank for Dispersion Effectiveness Testing, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 161-187, 2007.
- Wigton, A.T., F. Debord, and S. Cooper, Using Currents Induced by a Submerged Pneumatic Boom to Separate Ice Floes from Surface Oil Slicks, *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 137-157, 2004.

Williams, D.L., Using Computer and Communications Technology for Effective Emergency Management, *Proceedings of the Fourteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 215-221, 1991.

Williams, R.E., The ARCAT - ABSORBs New Catamaran Oil Skimmer, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 177-183, 1982.

Williams, R.E. and T.S. Cooke, Feasibility of Using a Bubble Barrier for the Containment/ Incineration of Spilled Oil, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 212-227, 1985.

Williams, R.E., S.J. Bowen, and D.H. Glenn, Field Trials of the ARCAT II in Prudhoe Bay, *Proceedings of the Seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 119-126, 1984.

Wilson, D.G. and D. Mackay, The Behaviour of Oil in Freezing Situations, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 51-63, 1986.

Wilson, D.G. and D. Mackay, A Novel Interactive Oil Spill Model, *Proceedings of the Tenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 79-90, 1987.

Wilson, H.B., The Containment and Recovery of High Rate Oil Spills at Sea Using a Weir Boom, *Proceedings of the Fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 243-260, 1981.

Wolfe, M.F., G.J.B. Schwartz, S. Singaram, E.E. Meilbrecht, R.S. Tjeerdema, and M.L. Sowby, Influence of Dispersants on Trophic Transfer of Petroleum Hydrocarbons in a Marine Food Chain, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1215-1226, 1997.

Wong, K.-F.V. and R. Kashyap, Estimating the Burn Rate from the Boom Configuration, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1313-1318, 1994.

Wong, K.-F.V. and M. Witmer, Flow around an Oil Boom System, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 671-677, 1995.

Wong, K.-F.V. and A. Wolek, Application of Flow Visualization to the Development of an Innovative Boom System, *Proceedings of the Nineteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 377-383, 1996.

Wong, K.-F.V. and L. Hernandez, Improved Method of Oil Collection in Rivers and Channels, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 415-420, 1997.

- Wong, K.-F.V. and M.N. Budair, Proposed Oil Recovery Wall System for Kuwait's Oil Fields, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 605-616, 2003.
- Wong, K.-F.V., E. Barin, and J. Lane, Field Experiments at the OHMSETT Facility for a Newly Designed Boom System, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 181-190, 2002.
- Wong, K.-F.V., M.K. Miller, and A. Boccabella, Inclined Boom System with Hydrofoil for Waters with Waves, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 447-462, 2005.
- Wong, T.W.Y., L. Ke, Y.S. Wong, and N.F.Y. Tam, Study of the Sediment Contamination Levels in a Mangrove Swamp Polluted by a Marine Oil Spill, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 73-90, 2002.
- Wood, P.A., I. Strachan, L. Davies, and T. Lunel, Evaluation of Oil Thickness by Neural Network Analysis of IR Imagery, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1061-1071, 1997.
- Wood, P.A., T. Lunel, N. Bailey, K. Lee, and P.M. Stoffyn-Egli, Clay-Oil Flocculation during Surf Washing at the *Sea Empress* Incident, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1085-1105, 1997.
- Wood, P.A., T. Lunel, F. Daniel, R.P.J. Swannell, K. Lee, and P.M. Stoffyn-Egli, Influence of Oil and Mineral Characteristics on Oil-Mineral Interaction, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 51-77, 1998.
- Wooley, C.B., D.K. O'Brien, and S.O. Hillman, Mapping Cultural Resource Sites for the Prince William Sound Graphical Resource Database, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 309-324, 1997.
- Woolgar, E.G. and E.M. Reimer, Comments on a Technique to Measure Mixing Energy Available for Oil Spill Dispersion, *Proceedings of the Fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 25-36, 1982.
- Worbets, B.W., Shoreline Cleanup and Protection Manual for the Southern Beaufort Sea, *Proceedings of the Second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 300-304, 1979.
- Worsfold, R.D., S.K. Parashar, and A.B. Cammaert, A Program for the Detection of Oil under Ice, *Proceedings of the Third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 479-484, 1980.

Wotherspoon, P.D. and J.J. Swiss, Oil-in-ice Computer Simulation Model, *Proceedings of the Eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 26-32, 1985.

Wotherspoon, P.D. and J.J. Swiss, The Use of Oil Spill Incinerators for the Disposal of Oil Based Drilling Muds, *Proceedings of the Ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 337-352, 1986.

Wu, N., M. Baker, G. Kolb, and J.L. Torero, Ignition, Flame Spread and Mass Burning Characteristics of Liquid Fuels on a Water Bed, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 769-793, 1997.

Wu, N., T. Mosman, S.M. Olenick, and J.L. Torero, The Effect of Weathering on Piloted Ignition and Flash Point of a Slick of Oil, *Proceedings of the Twenty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 633-649, 1998.

Yang, C., Z.D. Wang, B.P. Hollebone, M.F. Fingas, X. Peng, and M. Landriault, CG/MS Quantitation of Diamondoid Compounds in Crude Oils and Petroleum Products, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 91-112, 2006.

Yang, C., Z.D. Wang, K. Li, B.P. Hollebone, C.E. Brown, and M. Landriault, Determination of Volatile Organic Compounds over Crude Oils Using Novel Automatic Liquid Sampler-Headspace (ALS-HS) Gas Chromatography/Mass Spectrometry, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 49-59, 2007.

Yang, C., Z. Wang, B.P. Hollebone, C.E. Brown, and M. Landriault, Statistical Forensic Methodology for Oil Spill Source Identification Using "Two-tailed" Student's T-approach, *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 87-103, 2007.

Yapa, P.D. and L.K. Dasanayaka, State-of-the-art Review of Modelling Oil Transport and Spreading in Ice Covered Waters, *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 893-909, 2006.

Yapa, P.D., F. Chen, and C.J. Beegle-Krause, Integration of the CDOG Deep Water Oil and Gas Blowout Model with the NOAA GNOME Trajectory Model, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 935-951, 2003.

Yim, U.H., J.R. Oh, S.H. Hong, S.H. Lee, and W.J. Shim, Identification of PAHs Sources in the Intertidal Bivalves and Subtidal Sediments following the *Sea Prince* Oil Spill in Korea, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 619-638, 2002.

Youssef, M. and M.L. Spaulding, Drift Current under the Action of Wind and Waves, *Proceedings of the Sixteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 587-615, 1993.

Youssef, M. and M.L. Spaulding, Drift Current under the Combined Action of Wind and Waves in Shallow Water, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 767-783, 1994.

Yudhbir, L. and E. Iakovou, Oil Spill Risk Assessment in Maritime Transportation Networks, *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 273-288, 2005.

Zeidan, E., K. Zahariev, M. Li, and C. Garrett, The Breakup of Oil Spills in the Marine Environment, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 187-201, 1997.

Zhang, Y. and H. Liu, Screening for New Surface Washing Agents and Mechanisms of Action, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1249-1281, 1997.

Zhang, Z., C.-F. An, R.M. Barron, H.M. Brown, and R.H. Goodman, Numerical Study on (Porous) Net-Boom Systems - Front Net Inclined Angle Effect, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 903-919, 1999.

Zheng, L. and P.D. Yapa, A Numerical Model for Buoyant Oil Jets and Smoke Plumes, *Proceedings of the Twentieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 963-979, 1997.

Zheng, L. and P.D. Yapa, A Deepwater Jet/Plume Model and a Parametric Analysis, *Proceedings of the Twenty-second AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 285-299, 1999.

Zheng, L. and P.D. Yapa, Modelling a Deep Water Oil/Gas Spill under Conditions of Gas Hydrate Formation and Decomposition, *Proceedings of the Twenty-third AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 541-560, 2000.

Zhou, S. and R.G. Ackman, Deposition Sites of Hydrocarbons in Atlantic Salmon Muscle Tissue, *Proceedings of the Seventeenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 479-489, 1994.

Zoltai, S.C. and G.P. Kershaw, Large Volume Oil Spill on Land Surface: The Vozey Oil Field, Russia, *Proceedings of the Eighteenth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1177-1186, 1995.

Part 2/ Partie 2

Technical Seminar on Chemical Spills (TSOCS)

Colloque technique sur les déversements de produits chimiques

1983-2007

and/et

Technical Seminar for Phytoremediation/Biotechnology
Solutions for Spills (PHYTO)

Colloque technique de phytoremédiation/Solutions en biotechnologie
lors de déversements

1999-2001

Adams, C., D. Mackay, and D. Rodriguez, Use of Pilot Scale Reciprocating Plate Extraction Column to Remove Organic Contaminants from Water, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 131-142, 1989.

Akuma, E., P. Costanza, and G. Hagen, Consequence Analysis of Atmospherically Dispersed Toxic Chemical Releases: Modelling for Planning and Emergency Response, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 17-46, 1990.

Alderton, W.B., K.C. Teo, and A.P. Watkinson, Butane Stripping as an Effluent Treatment Technique, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 73-83, 1990.

Alp, E., R.B. Caton, R.V. Portelli, S.G. Guerin, A. Mitchell, and C. Doherty, Comparison of Conventional Chemical Spill Air and Water Dispersion Models, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 9-34, 1983.

Alp, E., S. Alp, S.G. Guerin, J. Reid, C.S. Matthias, D. Napier, and R.V. Portelli, LNG Spill and Dispersion Modelling, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 91-113, 1985.

Alp, E., C.P. Bourque, M. Oliverio, D.H. Napier, and R.V. Portelli, Heavy Gas Dispersion Modelling for Hazard and Risk Assessment, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 41-56, 1986.

Alp, E., C.P. Bourque, M. Oliverio, D.H. Napier, and C.S. Matthias, Continued Development of a Heavy Gas Dispersion Modelling System: Cobra III, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 165-173, 1987.

Alp, E., M. Oliverio, R.V. Portelli, and D.H. Napier, Risk Assessment in Rail Transportation of Dangerous Goods, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 351-381, 1988.

Anderson, D.J., Environmental Audits May Prevent Spills of Hazardous Materials, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 383-384, 1988.

Argue, S., The Enhanced Oxidation of Pentachlorophenol, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 53-60, 1992.

Argue, S. and H. Whittaker, The Reduction of Chlorinated Methanes and 1,2-Dichloromethane Using Zinc Metal, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-14, 1994.

Atamaniouk, V., L. Ananieva, C. Ladanowski, S.J. Cathum, and H. Whittaker, Determination of Unsymmetrical Dimethylhydrazine in Water and Soil by Derivatization with Aromatic Aldehydes Using GC/MS, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 121-142, 1996.

Avotins, J., V. Kokars, L. Ouellette, and H. Whittaker, Development of Treatment Trains for a Remediation Demonstration Project at Former Missile Sites, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-9, 1996.

Avotins, J., V. Kokars, L. Ouellette, and H. Whittaker, Evaluation of Steam Stripping for the Recovery of Xylidine at Former Missile Sites, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 19-25, 1996.

Ayton, R. J. and D. Hornsey, The Use of Carbon Dioxide to Control the pH of Alkaline Effluents Discharging to Receiving Streams, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 91-106, 1991.

Bailey, V.L. and W.B. McGill, Assessment of the Role of Plants in the Bioremediation of Two Hydrocarbon-contaminated Soils, *Proceedings of the First PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 87-103, 1999.

Bannister, W.W., C.D. Douglas, K.B. Ndi, S.P. Walsh, W.A. Curby, D.L. Kan, W.J. Dalton, and D.A. Porta, New Techniques in Chemical Spill Control, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 75-92, 1983.

Barker, C.H. and B. Connolly, Statistical Planning for Chemical Releases: The Chemical Threat Analysis Planner, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 499-514, 2007.

Barnea, N., J.K. Farr, and C.B. Henry, The Ilwaco Tire Fire and Spill: Chemistry and Health and Safety Aspects, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 29-40, 1997.

Barnea, N., J.K. Farr, and D.E.B. Nightingale, A Pilot Study to Investigate the Causes of Spontaneous Combustion of Tire Chips Material, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 201-209, 2000.

Barta, J.P., Texas Air Control Board Program to Monitor Air Toxics during Spill Response, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 61-66, 1989.

Bastien, C.Y., M.M. Punt, and J.R.J. Paré, Study of the MAP₂ Enhanced Solvent Extraction Process for the Removal of Organic Contaminants from Soil, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 43-50, 1994.

Beasley, C.S., Catch-Hold Method for Mercury Spill Cleanups, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 147-150, 1998.

Beasley, C.S., R.D. Turpin, M. Metz, A. Lupiano, and R.M. Pierson, Mercury Clean-up Levels and Decontamination Methods in Schools, Commercial and Industrial Areas vs. Residential Homes, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 69-73, 1997.

Beauregard, B. and J. Tremblay, Utilisation de l'osmose inverse et de l'ultrafiltration aux municipalités de Granby et de Ste-Anne-des-Plaines (Québec), *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 207-223, 1986.

Becker, B., Comparison of First and Second Generation Enhanced Photo-oxidation for the Destruction of Water Born Organic Contaminants, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 39-48, 1992.

Bell, C.A. Rapid Clearance Data for Mission-ready Response, (20th TSOCS), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 393-397, 2003.

Belore, R.C., Remote Control Extreme Emergency Analytical System, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 285-286, 1988.

Belore, R.C. and E.A. McBean, Modelling of the Spreading of Chemical Spills on Grass and Impermeable Surfaces, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-20, 1987.

Belore, R.C., E.A. McBean, and G. Farquhar, Modelling of the Spreading, Infiltration and Evaporation of Chemical Spills on Grass and Impermeable Surfaces, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-10, 1986.

Benggio, B., N. Barnea, J.K Farr, M. Evans, D. Miller, R. Sperry, W. O'Brien, and T. Edwards, The M/T *Igloo Moon* Incident: Case Study of a Successful Response, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-14, 1998.

Berger, D. and D. Mackay, Evaporation of Multicomponent Chemical Spills - When is Liquid Phase Resistance Significant?, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 221-231, 1993.

Berkowitz, J.H., N.P. Mulvey, and A.T. Edwards, New Jersey's Accidental Release Prevention Program, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 203-216, 1988.

Betsinger, G.B., R.D. Turpin, and D.B. Mickunas, Instruments Used by U.S. EPA/ERT for Personnel Air Monitoring to Comply with U.S. Code of Federal Regulations 29 CFR 1910.120, (18th TSOCS), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 863-877, 2001.

Bingham, D. and R. Leveson, The Use of Photoionization Detection Instruments in Hazardous Spill Evaluation, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 403-411, 1986.

Birk, A.M., M. Cunningham, P. Petherick, and J.D. McGeachy, Investigation of the Use of Adhesives and Magnets for Affixing Cold Tapping Equipment to Off-load Distressed Dangerous Goods Tank Cars, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 31-49, 1993.

Birk, A.M., M. Cunningham, Z. Ye, and J. Maillette, Medium-scale Fire Tests Investigating BLEVE Event, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 203-220, 1993.

Bishop, M., Reevaluating Tankcar Commodity Transfer Facility Design and Spill Containment Pans to Lower Environmental Risks and Disposal Costs, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 27-38, 1996.

Bisson, D., Spill Response: Dealing with Regulatory Agencies, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 191-247, 1990.

Bissonnette, M.C., M.F. Fingas, P.L. Jokuty, P.G. Lambert, N.D. Laroche, R.D. Nelson, and J.R.J. Paré, The Oakville Derailment - Performing at 40°C Below!, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 257-269, 1993.

Bissonnette, M.C., M.D. Goldthrop, M.F. Fingas, J.M.R. Bélanger, and J.R.J. Paré, Design and Development of a Person-portable Instrumentation System for Emergency Response and Field Studies, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 109-127, 1994.

Bissonnette, M.C., P.G. Lambert, C. Duhaime, D. Dupras, V. Jarry, R. Turgeon, and A. Latreille, On-site Analysis of Sulphuric Acid following the Train Derailment at Hervey-Junction, Quebec, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 251-278, 1995.

Bobra, A.M, Development of a Vehicle-portable Analytical System for Chemical Emergencies, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 367-371, 1985.

Bobra, A.M., Continuing Development of a Vehicle-portable Analytical System, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 237-241, 1986.

Bobra, A.M., M.D. Goldthorp, and D. Vandenberg, Development of Rapid Analytical Systems for Spill Response, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 67-80, 1989.

Bogzaran, F., Application of Thermal Phase Separation in Treatment of Hydrocarbon Contaminated Soil, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 51-61, 1994.

Brown, D.F. and A.C. Williams, Stellako Spill - A Difficult Response Problem, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 371-377, 1986.

Brownlee, L.J., B.P. Hollebhone, T. MacPherson, R. O'Brien, and C. Shewchuk, The Application of a Chemical Model for the Assessment of Risk, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 31-45, 1991.

Buist, I.A. and R.C. Belore, The Development of a Chemical Spill Emission Rate Model, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-9, 1985.

Buist, I.A. and L.B. Solsberg, A Study of Vapour Spill Control Technology, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 208-228, 1985.

Buist, I.A. and R.C. Belore, A Computer Model for Predicting Outflow Rates from Damaged Chemical Storage and Transportation Tanks, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 57-80, 1986.

Burgess, W.R., Compressed Breathing Air Purity, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 145-162, 1983.

Burley, M.J., Reclamation of Dispersed Brine Spill Sites in Semi-arid Climates, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 73-84, 1988.

Buttner, W.J., R.D. Battin, S.E. Becker, D.S. Domin, C.R. Gentry, W.P. McDowell, W.R. Penrose, S. O'Malley, V.C. Stamoudis, J.R. Stetter, J.O. Stull, R.J. Voogd, and S. Zaromb, A Portable Instrument for Multiple Compound Detection and Analysis, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 295-301, 1987.

Buttner, W.J., R.D. Battin, C.R. Gentry, V.C. Stamoudis, J.R. Setter, and S. Zaromb, Portable Instrumentation for On-site Analysis of Toxic Vapors, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 245-251, 1988.

Campagna, P.R., Air Monitoring Equipment Used for Detecting Chemicals in Counter-terrorism, (18th TSOCS), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 891-895, 2001.

Campagna, P.R., Responding to a Biological Incident, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 607-610, 2005.

Campagna, P.R. and C.A. Militcher, The Divex Explosive Site Columbia, South Carolina, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 295-298, 1995.

Campagna, P.R. and P. Solinski, Decontaminating Residences Sprayed with Methyl Parathion, *Proceedings of the Sixteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 87-102, 1999.

Campagna, P.R., V.L. Santoro, R.D. Turpin, and S.M. Burchette, United States Environmental Protection Agency/Office of Solid Waste and Emergency Response Team's Generic Site Health and Safety Plan, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 97-101, 1990.

Campagna, P.R., S.M. Burchette, R.D. Turpin, and T.A. Bourbon, Determination of Mercury Exposure Levels in Indoor Air from Interior Latex Paint Containing Phenylmercuric Acetate, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 199-221, 1991.

Campagna, P.R., D.B. Mickunas, and S. Schuetz, Air Sampling and Monitoring Using Open Path Fourier Transform Infrared Spectrophotometer (OP-FTIR) and OP Ultra Violet (OP-UV) to Determine SO₂ and VOC Release Rates at a Test Excavation, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 311-318, 1993.

Campagna, P.R., R.D. Turpin, G. Prince, M.B. Bernick, and L. Kaelin, The Environmental Response Team's Use of Field-portable X-ray Fluorescence Instruments for Analyzing Lead (Pb) in Soils, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 129-136, 1994.

Campagna, P.R., R.D. Turpin, R. Singhvi, S. Schuetz, and J. Corcoran, Air Monitoring and Sampling Techniques Used in Support of a Cleanup of an Abandoned Plating Facility, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, p. 137, 1994 (abstract only).

Campagna, P.R., D.B. Mickunas, and S. Schuetz, Air Sampling and Monitoring Using Open Path Fourier Transform Infrared Spectrophotometer (OP-FTIR) and OP Ultra Vilot (OP-UV) to Determine SO₂ and VOC Release Rates at a Test Excavation, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 171-176, 1994.

Campagna, P.R., R.D. Turpin, J. Corcoran, and S. Schuetz, Determination of Response Factors for the HNΦ and Microtip Photoionization Detectors, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 177-182, 1994.

Campagna, P.R., S. Schuetz, P. Solinski, and R.M. Pierson, Air Monitoring Procedures Used during the Sampling and Treatment of Gas Cylinders, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 105-114, 1997.

Canning, R.P., Membrane-based Processes for the Treatment of Spilled Wood Preserving Solutions, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-25, 1992.

Canning, R.P., Pervaporation of Volatile Organic Compounds from Contaminated Groundwater, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 85-92, 1993.

Caplice, D.M. and T.H. DeFouw, Ground Water Cleanup Action, Verona Well Field, Battle Creek, Michigan, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 347-369, 1986.

Carby, B.E., The Illegal Dumping of Phosdrin in a Municipal Landfill, Jamaica - Some Lessons Learnt, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 85-96, 1990.

Cathum, S.J., L. Ouellette, and H. Whittaker, Bioremediation: Methodologies for Chemical Analyses, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 143-165, 1996.

Cathum, S.J., R. Smits, K. Volchek, and M.M. Punt, Novel Technology for Simultaneous Removal of Mixed Contaminants from Solid Waste, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 21-30, 2000.

Cathum, S.J., C.E. Brown, and W.P. Wong, In Situ Remediation of Hexavalent Chromium with Pyrite Fines: Bench Scale Demonstration, (19th TSOCS), *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 701-720, 2002.

Cathum, S.J., A.K. Obenauf, W.P. Wong, and C.E. Brown, Interactions of Selected Mercury Species with α -Cyclodextrin Using High Performance Liquid Chromatography with Diode Array Detection (HPLC-DAD), (20th TSOCS), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 485-498, 2003.

Cathum, S.J., J. Pugsley, D. Velicogna, M.M. Punt, and C.E. Brown, Bioremediation of Nonylphenol Polyethoxylates with a Focus on Nonylphenol, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 711-717, 2005.

Cathum, S.J., D. Ousmanova, A. Somers, M.M. Punt, and C.E. Brown, Bioleaching of Heavy Metals from Soil Using Fungal-Organic Acids: Bench Scale Testing, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 597-619, 2006.

Cathum, S.J., A. Dumouchel, A.K. Obenauf, R. Focht, M.M. Punt, and C.E. Brown, Solvent Impregnated Resins for the Treatment of Arsenic Contaminated Water: On-site Evaluation Testing, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 673-689, 2006.

Cathum, S.J., A. Dumouchel, M.M. Punt, and C.E. Brown, Kinetics of Sorption of Arsenic on Natural and Engineered Sorptive Media Using ICP-MS, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 593-608, 2007.

Chang, E., D. Clark, and G. Sidebottom, Hermes: Heuristic Emergency Response Management Expert System, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 323-335, 1988.

Chang, V.S. and D.A. Fast, PCBs Spill at Federal Pioneer Limited's Regina Plant, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 225-234, 1983.

Charters, D.W., R.D. Turpin, and W. Van Derveer, The Use of a Remotely Operated Underwater Vehicle (ROV) during Chemical Spills and Underwater Investigations, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 357-362, 1992.

Chekalin, A.N., M.G. Khrumchenkov, and V.K. Konyukhov, A Two-phase and Diffusion Transport Model for the Migration of High-density Organic Liquids in Heterogeneous Aquifers, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 625-635, 2007.

Choryhanna, G.E., A Study of Membrane Technology and its Integration with Remediation Equipment, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 61-78, 1992.

Choryhanna, G.E. and C. Admas, Demonstration of Membrane Technology in Atlantic Canada, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 61-71, 1990.

Christian, K.L. and W.P. Moorhead, Ethylene Dichloride/Ethylene Glycol Spill in a Major Water Resource in British Columbia, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 343-350, 1987.

Chung, P.T., Estimation of Physical and Chemical Properties, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 75-90, 1985.

Clarke, C.E. and C. Chess, Risk Communication at a Major University - An Anthrax Case Study, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1031-1041, 2005.

Collins, T., W.H. Stiver, and D. Mackay, Sniffing Technique to Measure Air Emission Rates from Chemical Spills in Soils, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 265-271, 1988.

Compton, H.R., S.R. Hirsh, J.G. Wrobel, A. Burgess, W.H. Schneider, D.M. Haroski, and C.D. Gussman, Phytoremediation of Chlorinated Solvents in a Surficial Aquifer by Hybrid Poplar Trees, *Proceedings of the Second PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 41, 54-55, 44-45, 34-35, 48-49, 2000.

Conlon, P.C., Chemical Spill Management: Research Problems and Practical Applications, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 289-293, 1983.

Constable, M., K.J. Ketcheson, and L. White, Risk Evaluation Framework for Environmental Emergency Plans under Sections 199/200 of CEPA 1999, (19th TSOCS), *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1313-1322, 2002.

Cook, D.K., Practical Applications of Conventional Aerial Photography to Hazardous Waste Spill Evaluation, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 203-211, 1983.

Cook, S.V., A. Chu, and R.H. Goodman, Use of Microtox⁷ and Lux-modified *Pseudomonas fluorescens* to Assess the Toxicity of Salinity Contaminated Sites, *Proceedings of the Sixteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 139-152, 1999.

Cooper, D.W. and L. Keller, Advanced Oxidation Technology Demonstration at Ohsweken Six Nations Indian Reserve, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 51-62, 1993.

Cooper, D.W., H. Whittaker, J. Avotins, J. Malers, and R. Whittaker, Demonstration Cleanup of Contaminated Groundwater at a Former Soviet Missile Base in Latvia, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 21-28, 1997.

Cooper, D.W., H. Whittaker, J. Malers, J. Millers, D. Zarina, V. Kokars, and R. Whittaker, Demonstration Remediation of Contaminated Groundwater and Soil at a Former Missile Base in Latvia, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 23-32, 1998.

Cooper, D.W., D. Velicogna, K. Volchek, M.M. Punt, and V. Sharivker, The Evaluation of Technologies for the Remediation of Contaminated Sediments, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-20, 2000.

Corapcioglu, M.Y., K. Sung, R.L. Rhykerd, C. Munster, and M. Drew, Validation of a Phytoremediation Computer Model, *Proceedings of the First PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 81-86, 1999.

Corps, J.M. and L. Davies, Chemical Spill Response during the *Ievoli Sun* Incident, (18th TSOCS), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 847-862, 2001.

Coté, R., P. Guerrier, J.-G. Guillot, and M. Rhainds, Guidelines for the Safe Management of Mercury Spills in Quebec Hospitals, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 301-304, 1995.

Crocker, W.P. and D.H. Napier, Quantification of Fire Hazards of Liquid Spills from Tank Trucks, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 77-113, 1987.

Daggupaty, S.M., A Source Strength Model for Accidental Release of Hazardous Substances, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 55-60, 1990.

Davies, D.B. and R.M. Wilson, Overview of Human Health Risk Assessment Methodology for Chemical Spills, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 205-214, 1994.

DeAngelis, G.B., Isla de Cabras Explosives Site Emergency Response Removal Action, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 265-278, 2000.

DeBrou, G.B. and A.C.W. Ng, Rapid On-site Monitoring of Ambient PCB Levels during Clean-Up and Destruction Activities, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 45-53, 1989.

DeBrou, G.B., N.S. Karellas, M.D. Corbridge, and A.C.W. Ng, Development of a Mobile GC/MS/MS System for Emergency Response, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 349-355, 1992.

Delumyea, R.D., G.E. Meier, and K.P. Moore, Identification of Hazardous Material Combustion Products: Protocol Development, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 35-50, 1983.

Delumyea, R.D., K.P. Moore, G.I. Miller, S.A. Dukes, M.A. Morgan, and G. Meier, Determination of Burn Rate and Soot Formation during Combustion of Solvents Commonly Carried by Rail, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 114-129, 1985.

Dietzel, K., Leak Detection System for Continuous Control of Piping in Chemical Industries, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 273-283, 1988.

Donison, H. and S. McDougall, Development and Demonstration of a Mobile Membrane and Adsorption System for Spill Cleanups: Ultrafiltration and System Costs, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 173-193, 1988.

Donison, H., H. Whittaker, J. Tremblay, and R. Dutton, Development and Demonstration of a Mobile Reverse Osmosis/Adsorption Treatment System for Environmental Clean-ups, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 201-221, 1987.

Duncan, B. and A. Mattes, Field Scale Prototype Anaerobic/Wetlands Cells for Removing Heavy Metals from Water, *Proceedings of the First PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 149-157, 1999.

Dupras, D., I. Goulet, M. Houde, H. Bastien, P.G. Lambert, and N.D. Laroche, Sulphuric Acid Spill in Saint-Jean Chrysostome, Québec Region, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 209-234, 1998.

Dutton, R. and H. Whittaker, Cleanup from the Pesticide Warehouse Fire - Canning, Nova Scotia, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 185-199, 1987.

Duxbury, P.H., S.D. Siciliano, S.O. Prasher, and C.W. Greer, The Use of Forage Grasses and Bacterial Inoculants as Phytoremediation Agents in Soils Contaminated with Heavy Metals and Aliphatic Hydrocarbons, *Proceedings of the Second PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 61-72, 2000.

Easterbrook, J., Chemical Exposure Index, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 297-308, 1988.

Farquhar, G.J. and E.A. McBean, Assessing the Impact of Hazardous Immiscible Liquids in Soil, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 10-37, 1985.

Farr, J.K., N. Barnea, and C.B. Henry, Chemistry and Health and Safety Aspects of Powell Duffryn Spill, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 237-253, 1996.

Farr, J.K., N. Barnea, and D. Wesley, New Computer Program for Answering Chemical Compatibility Questions, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 187-190, 1998.

Farrell, R.E., C.M. Frick, and J.J. Germida, PhytoPet8 - A Database of Plants that Play a Role in the Phytoremediation of Petroleum Hydrocarbons, *Proceedings of the Second PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 29, 50-51, 32-33, 46-47, 36-37, 58-59, 2000.

Feenstra, S., Subsurface Contamination from Spills of Dense Non-aqueous Phase Liquid (DNAPL) Chemicals, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 11-22, 1986.

Fingas, M.F., A Comparison of Some Spill Models and Experimental Data, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 33-49, 1998.

Fingas, M.F., Review of Personal Protective Equipment for Spill Situations, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 167-186, 2000.

Fingas, M.F. and C. Lau, Recent Chemical Spill Data, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 327-369, 1996.

Fingas, M.F., K.A. Hughes, and A.M. Bobra, Volatile Liquids in Sewers: Behaviour and Countermeasures, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 91-111, 1988.

Fingas, M.F., R. O'Brien, and M.D. Goldthorp, Progress on the Development of Spill Analytical Techniques, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 103-108, 1990.

Fingas, M.F., N.D. Stone, D. Leblanc, G.A. Sergy, B.H. Mansfield, G. Cloutier, and P. Mazerolle, Development of a New Chemical Spill Priority List, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 115-189, 1990.

Fingas, M.F., K. Li, M.D. Goldthorp, and J.R.J. Paré, Progress on the Development of Spill Analytical Techniques, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 183-187, 1991.

Fingas, M.F., N.D. Laroche, G.A. Sergy, B.H. Mansfield, G. Cloutier, and P. Mazerolle, A New Chemical Spill Priority List, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 223-332, 1991.

Fingas, M.F., B.G. Fieldhouse, and N.D. Laroche, An Overview of Health and Safety at Spill Sites, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 41-53, 1997.

Fingas, M.F., K. Li, N.D. Laroche, P.L. Jokuty, C.E. Brown, and B.G. Fieldhouse, Sampling and Analysis of Shredded Automobile Residue, *Proceedings of the Sixteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 41-55, 1999.

Fingas, M.F., K.J. Ketcheson, N.D. Laroche, N.C. Jones, C. Lau, G. Cloutier, and M.-A. Spicer, Development of a New Chemical Spill Priority List, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 211-263, 2000.

Fingas, M.F., K. Volchek, M. Hornof, L. Boudreau, M.M. Punt, P. Payette, M. Best, M. Garbutt, J. Krishnan, S. Wagener, K. Bernard, T. Cousins, and D. Haslip, A Project to Develop Restoration Methods for Buildings and Facilities after a Terrorist Attack, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 453-476, 2004.

Fingas, M.F., K. Volchek, G. Thouin, S. Harrison, W. Kuang, D. Velicogna, M. Hornof, M.M. Punt, P. Payette, L. Duncan, M. Best, J. Krishnan, S. Wagener, K. Bernard, M. Majcher, T. Cousins, and T. Jones, The Restoration Project: Decontamination of Facilities from Chemical, Biological and Radiological Contamination after Terrorist Actions, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 549-574, 2005.

Fingas, M.F., B.P. Hollebhone, Z.D. Wang, and M. Landriault, The Solubility and Environmental Characteristics of Diesel Ethers, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 657-678, 2005.

Fingas, M.F., K. Volchek, T.C. Lumley, G. Thouin, S. Harrison, W. Kuang, P. Payette, D. Laframboise, M. Best, J. Krishnan, S. Wagener, K. Bernard, M. Majcher, T. Cousins, T. Jones, D. Velicogna, M. Hornof, and M.M. Punt, Restoration Projects for Decontamination of Facilities from Chemical, Biological and Radiological Contamination after Terrorist Actions, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 401-431, 2006.

Flathman, P.E., W.C. Studabaker, G.D. Githens, and B.W. Muller, Biological Spill Cleanup, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 117-130, 1983.

French, D.P., S. Pavignano, and K. Jayko, Modelling Restoration of Habitats Impacted by Chemical Spills, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 11-29, 1991.

French McCay, D.P., Chemical Spill Model (CHEMMAP) for Forecasts/Hindcasts and Environmental Risk Assessment, (18th TSOCS), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 825-846, 2001.

Frick, C.M., J.J. Germida, and R.E. Farrell, Assessment of Phytoremediation as an In-Situ Technique for Cleaning Oil-contaminated Sites, *Proceedings of the First PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 105-124, 1999.

Gibbs, L. and M.M. Punt, Evaluation of Contaminated Soil Remediation by Low Temperature Thermal Desorption, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 63-84, 1993.

Giesbrecht, G., F. Laperrière, and D. Peterson, Mobile Steam Stripper as an Environmental Emergencies Countermeasure, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 137-152, 1988.

Gillies, B., R. Li, L. Read, E. Stublely, I. Treunicht, and O. Meresz, Crosslinked Polymer Absorbent for Liquid Chemical Spill Containment, Removal and Storage, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 101-109, 1989.

Goldthorp, M.D., Environment Canada's Person-portable Analytical System: Recent Findings, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 257-263, 1988.

Goldthorp, M.D., Electronic Nose Instruments: Sniffing out the Facts, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 117-123, 2000.

Goldthorp, M.D. and J.R.J. Paré, Study of Person-portable Instrumentation for Hazardous Material Detection - Application to Chemical Spill Response, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 293-307, 1992.

Goldthorp, M.D. and P.G. Lambert, A Closer Look at the Use of a Portable Infrared Analyzer for Low-level Hydrocarbon Emissions, *Proceedings of the Sixteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 23-40, 1999.

Goldthorp, M.D. and P.G. Lambert, Development of FTIR as a Field Technology for Chemical Spills, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 551-558, 2004.

Goldthorp, M.D. and P.G. Lambert, Minimum Detectable Concentrations of Spilled Materials in Environmental Samples Using Portable FTIR, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 745-757, 2005.

Goldthorp, M.D. and P.G. Lambert, Development of XRF for In-situ Use in Spill Response and Contaminated Site Investigations, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 489-498, 2007.

Goldthorp, M.D., P.G. Lambert, and M.F. Fingas, Person-portable Analytical Systems Project, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 75-82, 1997.

Goldthorp, M.D., P.G. Lambert, M.F. Fingas, F. Ackerman, S. Schuetz, R.D. Turpin, P.R. Campagna, and L. Graham, An Evaluation of Carbon Dioxide Detectors under Extreme Conditions, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 115-126, 1997.

Goldthorp, M.D., P.G. Lambert, and M.F. Fingas, Use of a Portable Infra-red Analyzer for Low-level Hydrocarbon Emissions, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 97-113, 1998.

Goldthorp, M.D., P.G. Lambert, M.F. Fingas, F. Ackerman, S. Schuetz, R.D. Turpin, and P.R. Campagna, Duplicating Conditions for Field Testing of Carbon Dioxide: A Modeller's Dream Becomes a Technician's Nightmare, *Proceedings of the Sixteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 13-22, 1999.

Goldthorp, M.D., P.G. Lambert, and M.F. Fingas, Evolution of Environment Canada's Spill Response System: Two Decades of Development, (19th TSOCS), *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 665-676, 2002.

Goldthorp, M.D., P.G. Lambert, and M.F. Fingas, Portable Photo-ionization Detectors: Improvements to a Time-tested Tool, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 587-596, 2006.

Goldthorp, M.D., P.G. Lambert, M.F. Fingas, and K. Volchek, Real-time Measurement of Vapour Concentrations and Emissions from a Test Structure during Chemical Agent Dissemination and Decontamination, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 833-849, 2007.

Graziani, W.M., Removal of Volatile Contaminants from a Municipal Water Well Supply by Air Stripping - A Case Study: Fergus Ontario, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 97-108, 1992.

Guerrier, P. and D. Godon, IGLOU 1.0: A Canadian Decision Support System Designed for Chemical Spills Prevention, Preparedness and Response, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 257-260, 1992.

Guerrier, P. and J.-B. Sérodes Chemical Spills: Prevention and Preparedness Activities of Public Health Agencies in Quebec, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 99-111, 1995.

Guerrier, P., M. Rhinds, H. Prud'homme, P. Auger, and R. Leroux, Chlorine Gas Releases: Some Recent Prevention, Preparedness and Response Activities of Public Health Agencies in Quebec, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 53-66b, 1996.

Guerrier, P., R. Côté, M. Rhinds, P. Auger, and J.-G. Guillot, Prevention, Preparedness and Response Activities Concerning Mercury Spills: A Guide for Quebec Health Care Facilities, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 55-67, 1997.

Guerrier, P., S. Sebez, and M. Rhinds, Ammonia Gas Releases: Some Recent Prevention, Preparedness and Response Activities of Public Health Agencies in Quebec, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 187-199, 2000.

Guigard, S., W.H. Stiver, and R.G. Zytner, Retention Capacity of Organic Chemicals in Unsaturated Soil, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 137-150, 1993.

Guo, C.J., D. DeKee, and J. Stastna, A Method to Evaluate the Barrier Properties of Protective Clothing Used in Environmental Clean-ups, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 191-195, 1992.

Hamilton, M., C. Klingler, J. Beach, B. McKittrick, D. Jensen, and P.A. Tebeau, An Evaluation of Chemical Spill Decision Support Systems, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 195-215, 1997.

Hammond, S.P. and N.M. McCulloch, Chemical Spills in Alberta, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, Appendix A pp. 1-12, 1990.

Hancock, J.R., P.A. D'Agostino, and C.L. Chenier, Mass Spectrometric Analysis of Chemical Warfare Agents in Support of a Chemical Terrorist Event, (20th TSOCS), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, pp. 363-374, 2003.

Hansen, M., J. Gibbs, D.B. Mickunas, R.D. Turpin, and M. Thomas, VOC Surveillance Using EPAs Trace Atmospheric Gas Analyzer (TAGA) and ASPECT Aerial Platform FTIR, (20th TSOCS), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 453-459, 2003.

Harner, T. and D. Mackay, A Model for Determining the Long-term Fate of Hydrophobic Chemicals such as PAHs and PCBs in Soils, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 233-245, 1993.

Harris, D.A., G. Paulson, and E. Perry, The U.S. CDC Centers for Public Health Preparedness: Building a Nationwide Exemplar Network, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 603-606, 2005.

Harrison, S., G., Thouin, W. Kuang, K. Volchek, M.F. Fingas, and K. Li, Building Surface Decontamination for Chemical Counter-terrorism, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 443-459, 2006.

Hazra, A. and S. Jackson, Update for the Environmental Emergency Regulations under Section 200 of CEPA 1999, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 621-637, 2004.

Hazra, A., J. Shrives, and K.J. Ketcheson, The Workshop on Risk Assessment Practices for Hazardous Substances Involved in Accidental Releases, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 543-560, 2007.

Hericks, D.B., G.S. Mauseth, and C.A. Martin, On-site Dispersal and Monitoring of an Offshore Sodium Hydroxide Spill; A Case Study in Controlling Environmental Effects, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 217-235, 1997.

Hiltz, R.H., Control of the Vapour Hazard from Water Reactive Volatile Hazardous Materials by Foam, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 63-74, 1983.

Hodson, P.V., S. Zambon, A. Ewert, I. Ibrahim, Y. Kiparissis, M. Windle, K. Lee, and A.D. Venosa, Evaluating the Efficiency of Oil Spill Countermeasures by Monitoring Changes in the Bioavailability and Toxicity to Fish of PAH from Wetland Sediments, (3rd PHYTO), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 211-222, 2001.

Hollebone, B.P., R. O'Brien, and C. Shewchuk, Determination of Low Level Hydrophobic Contamination in Water Systems - A Practical Approach, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 167-182, 1991.

Holmes, R. and I. Zaharko, Pre-Incident Activities for Hazardous Substances, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 197-205, 1992.

Holtz, A. and M.A. Sharpe, Dew Line >85' PCB Cleanup, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 437-448, 1986.

Hooper, C., Emerging Issues in Natural Gas Security: Does Perception Management Mask Reality?, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 517-524, 2006.

Hosler, K.R., A Phytoremediation Technology Verification Protocol for Metal-contaminated Matrices, *Proceedings of the First PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 15-31, 1999.

Hostage, B.A., J.E. Riley, and K.J. Kooyoomjian, Superfund Hazardous Substance Notification Requirements and Reportable Quantity Adjustments, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 267-287, 1983.

Hradecky, K., K.J. Ketcheson, and J. Shrives, Impact of Regulated Environmental Emergency Substances, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 655-671, 2006.

Hradecky, K., A. Hazra, K.J. Ketcheson, and C. Laviolette, Canada's Chemicals Management Plan for Managing Substances of Concern to Humans and the Environment, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 561-571, 2007.

Huang, X-D., B.R. Glick, and B.M. Greenberg, Development of a Multi-component Phytoremediation System to Remove Persistent Organic Contaminants from Soil, *Proceedings of the Second PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 31, 52-53, 42-43, 56-57, 38-39, 60, 2000.

Humphrey, A.M. and L.P. Kaelin, Conducting Headspace Analysis Using Different Field Screening Tools, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 339-346, 1992.

Humphrey, A.M., S. Scheutz, P. Soliniski, and D.B. Mickunas, Air Monitoring and Sampling Techniques Used in Support of a Cleanup Action at an Inactive Drum Recycling Facility, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 159-169, 1994.

Hutchinson, S. and L. Erickson, Integrating Phytoremediation, Wetlands, Spray Irrigation and Prairie Restoration to Treat Carbon Tetrachloride Contamination in a Rural Community, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 367-388, 2006.

Jackson, L.A., Phytoremediation: An Industry Partner's Perspective, *Proceedings of the First PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-14, 1999.

Jackson, S., Environmental Emergency Planning Regulations under Section 200 of CEPA, 1999, (20th TSOCS), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 517-542, 2003.

Jackson, S., Status Update on the Environmental Emergency Regulations and Proposed Amendments, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 779-788, 2005.

Jackson, S., J. Shrives, and A. Hazra, Legislative and Policy Framework for the Management of Environmental Emergencies under CEPA, 1999, (19th TSOCS), *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1323-1339, 2002.

Jackson Lepage, C.R., J.R. Hancock, and H.D.M. Wyatt, Solid Phase Microextraction Headspace Sampling of Chemical Warfare Agent Contaminated Samples: Method Development for GC-MS Analysis, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 525-535, 2004.

Jones, R.K. and R. Overstreet, Method for Estimating the Evaporation Rate and Downwind Dispersion from Spills of Hydrochloric Acid, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 39-51, 1996.

Kantin, R., F.-X. Merlin, and G. Peigne, Experimental Study of Chemical Behaviour at Sea: POLLUTMAR I and II Trials, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 47-54, 1990.

Karellas, N.S., G.B. DeBrou, and A.C.W. Ng, Application of a Mobile MS/MS Air Monitoring System during PCB Incineration in Smithville, Ontario, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 189-198, 1991.

Karellas, N.S., Q.F. Chen, G.B. DeBrou, and R.K. Milburn, Air Monitoring of Coal Tar Cleanup Using a Mobile TAGA CI/MS/MS, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 143-153, 2000.

Kawamura, P.I. and D. Mackay, The Evaporation of Volatile Liquids, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 39-53, 1985.

Kawamura, P.I. and D. Mackay, Spreading of Chemicals on Ice and Snow, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 99-108, 1986.

Kawamura, P.I. and D. Mackay, Modelling the Evaporation of Volatile Liquids and Spreading of Chemical Spills on Snow and Ice, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 53-76, 1987.

Keller, L., Recent Applications of Environment Canada's Mobile Enhanced Oxidation Unit, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 133-158, 1991.

Keller, L., D.W. Cooper, and K. Volchek, The Removal of Heavy Metals from Soil Washing Rinsewaters and Fines, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-8, 1993.

Ketcheson, K.J. and M.F. Fingas, Inconsistencies with Cleanup Criteria, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 169-179, 1998.

Ketcheson, K.J. and M.F. Fingas, The Dilemma of Agrochemicals, *Proceedings of the Sixteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, p. 153-175, 1999.

Ketcheson, K.J. and M.F. Fingas, Sodium Cyanide: Properties, Toxicity, Uses and Environmental Impacts, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 51-81, 2000.

Ketcheson, K.J. and J. Shrives, A Review of CEPA Toxic Substances and the Requirement for Environmental Emergency Plans, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 559-619, 2004.

Ketcheson, K.J. and J. Shrives, A Methodology for Determining Environmental Threshold Quantities for Substances Covered by CEPAs Environmental Emergency Regulation, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1085-1100, 2005.

Ketcheson, K.J. and J. Shrives, Proposed Amendments for Environmental Emergency Regulations under Section 200 of CEPA 1999, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 621-634, 2006.

Ketcheson, K.J., K. Hradecky, M. Gagné, and M. St-Amant-Verret, Selection of Bioaccumulation Criteria for Environmental Emergency (E2) Planning, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 577-586, 2006.

Klement, J.S. and D.H. Napier, Hazard Analysis of Propane Tank Car Failures in a Specific Location, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 81-98, 1986.

Knowlton, K.E., Identification of Potential Leaks By Hazard and Operability Studies, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 195-201, 1988.

Kokars V., S.J. Cathum, J., Avotins, and H. Whittaker, Determination of Xylidines in Soil and Water Contaminated with Samin Missile Fuel Using UV/VIS Spectrophotometry, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 107-120, 1996.

Kuang, W., M.F. Fingas, and K. Li, Development of an Analytical Protocol for Industrial Chemicals in Various Sample Media, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 759-777, 2005.

Kuang, W., C.E. Brown, and K. Li, Evaluation of the Thermo X-Series II ICP-MS for Metal Analysis in Water, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 515-525, 2007.

Ladanowski, C., Evaluation of Technologies for Treating Groundwater Contaminated with BTEXs, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 101-136, 1993.

Ladanowski, C., Standard Operating Procedures for Environment Canada Emergency Response Officers, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 305-312, 1995.

Ladanowski, C., M.M. Punt, P. Kerr, and C. Adams, Efficacy of Steam Stripping in Removal of Dichloromethane from Groundwater - Laboratory and Pilot Scale Studies, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 27-38, 1992.

Ladanowski, C., H. Whittaker, and K. Volchek, International Initiatives by the Environmental Emergencies Division of Environment Canada, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 313-316, 1995.

Ladanowski, C., J. Payne, and L. Davidson, Preliminary Environmental Assessment at an ICBM Site in Ukraine, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 371-376, 1996.

Lambert, P.G. and M.F. Fingas, Air Emissions Monitored at a Polyvinyl Chloride Plastic Fire, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 125-141, 2000.

Lambert, P.G. and M.D. Goldthorp, A Summary of a Recent Counter-terrorism Exercise, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 641-655, 2005.

Lambert, P.G. and M.D. Goldthorp, A Summary of Environment Canada's Experience with Analyzing "Unknown White Powders", (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 609-618, 2007.

Lambert, P.G., G. Halley, B. Lukeman, K. Tulk, and G. Worthman, Environment Canada's Role in the Canadian Coast Guard Training Exercise in Corner Brook, Newfoundland, June, 1994, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 299-300, 1995.

Lambert, P.G., M.D. Goldthorp, B.G. Fieldhouse, and M.F. Fingas, A Critical Review of Total Petroleum Hydrocarbon (TPH) Analysis, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 167-181, 1996.

Lambert, P.G., M.D. Goldthorp, F. Ackerman, and M.F. Fingas, A Summary of the Experience Gained from the Emergencies Science Division Role in the Remediation Effort at Canadian Coast Guard Facilities in Newfoundland, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 205-235, 1996.

Lambert, P.G., P.L. Jokuty, K.J. Ketcheson, and M.F. Fingas, A Summary of the Environmental Impact of Contaminants Commonly Found at Historic Sites, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 195-207, 1998.

Lambert, P.G., M.D. Goldthorp, and M.F. Fingas, Environment Canada's Emergency Response Program and Terrorist Related Events (20th TSOCS), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 429-437, 2003.

Lambert, P.G., M.D. Goldthorp, and M.F. Fingas, An Overview of Environment Canada's New Decontamination Unit, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 679-709, 2005.

Lambert, P.G., M.D. Goldthorp, and M.F. Fingas, A Summary of a Recent CRTI Counter-terrorism Exercise, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 467-481, 2006.

Lambert, P.G., M.D. Goldthorp, and M.F. Fingas, Sample Triage: An Overview of Environment Canada's Program, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 483-516, 2006.

Lambert, P.G., M.D. Goldthorp, K. Li, M.F. Fingas, and K. Volchek, Health and Safety Concerns while Restoring a Chemically Contaminated Structure, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 851-882, 2007.

Laroche, N.D., M.F. Fingas, C.P. Stewart, and C. Fredericks, The Development of a Mobile Decontamination Unit for Emergency Response, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 235-244, 1994.

Lawuyi, R., The Impact of Chlorine on the Environment, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 153-190, 1992.

Lawuyi, R. and M.F. Fingas, The Impact of Ammonia on the Environment, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 151-202, 1993.

Lawuyi, R. and M.F. Fingas, The Impact of Sulphuric Acid on the Environment, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 63-99, 1994.

Lawuyi, R. and M.F. Fingas, Environmental Impact of Polychlorinated Biphenyls (PCBs) Spills and Fires, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 65-98, 1995.

Lawuyi, R. and M.F. Fingas, Environmental Impact of Pentachlorophenol (PCP), *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 255-281, 1996.

Lawuyi, R. and M.F. Fingas, Environmental Impact of Methyl tert-Butyl Ether (MTBE), *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 151-179, 1997.

Lawuyi, R. and M.F. Fingas, Environmental Impact of Polyvinyl Chloride and Vinyl Chloride (PVC/VCl), *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, pp. 51-73, 1998.

Lawuyi, R. and M.F. Fingas, Sources, Pathways and Environmental Fate of Organochlorine Compounds in the Arctic, *Proceedings of the Sixteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 109-137, 1999.

Lawuyi, R. and M.F. Fingas, The Impact of Styrene on the Environment, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 83-92, 2000.

Lee, K., G. Wohlgeschaffen, S.E. Cobanli, J. Gauthier, A.D. Venosa, K.G. Doe, P.M. Jackman, L.E.J. Lee, M.T. Suidan, and S. Garcia-Blanco, Monitoring Habitat Recovery and Toxicity Reduction in an Oiled Freshwater Wetland to Determine Remediation Success, (3rd PHYTO), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 195-209, 2001.

LeGoff, G. and M. Marchand, Observation of a Palm Kernel Oil Spillage in the English Channel, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 75-82, 1998.

Legault, A.S., Comparison of Two Membrane Processes for Toxic Metal Removal, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 11-20, 1995.

Legault, A.S. and A.Y. Tremblay, Arsenic Removal by Polymeric Binding and Membrane Separation, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 15-23, 1994.

Legault, A.S. and M. Canuel, Recovery of Selenium from Water Using a Membrane Process, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 11-17, 1996.

Lejen, T., K. Volchek, C. Ladanowski, D. Velicogna, and H. Whittaker, Electrochemical Destruction of Nitrosamines, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 303-311, 1996.

Li, K. and M.F. Fingas, An Evaluation of Bench Top Liquid Chromatography/Solid Probe Mass Spectrometry for Emergency Spill Sample Analysis, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 127-141, 1997.

Li, K. and M.F. Fingas, Coupled Supercritical Fluid Extractor-Gas Chromatography/Mass Spectrometry for Quick Extraction of Organic Analytes from Solids, *Proceedings of the Sixteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 57-67, 1999.

Li, K. and M.F. Fingas, Stability of Volatile Organic Compounds in Water Accommodated Fraction Samples, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 105-116, 2000.

Li, K. and M.F. Fingas, Putting the New MSD through the Pace: Evaluating the HP 6890/5973, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 155-165, 2000.

Li, K. and M.F. Fingas, Evaluation of the Tekmar 3100 Purge and Trap - Agilent GC/MSD System for VOC Analysis, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 639-653, 2004.

Li, K. and M.F. Fingas, Evaluation of a Transportable GC/MS System (Bruker Viking 573), (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 719-734, 2005.

Li, K., T. Caron, J.R.J. Paré, and M.F. Fingas, Emergencies Response to the Grand Coulee Chemical Warehouse Fire - An Analytical Aspect, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 309-320, 1992.

Li, K., M.F. Fingas, J.R.J. Paré, P. Boileau, P. Beaudry, and E. Dainty, The Use of Remote- controlled Helicopters for Air Sampling in an Emergency Response Situation, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 139-158, 1994.

Li, K., M.F. Fingas, J.M.R. Bélanger, and J.R.J. Paré, Evaluation of the Hewlett Packard HP7680T Automated Supercritical Fluid Extraction System, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 173-189, 1995.

Li, K., M.F. Fingas, J.M.R. Bélanger, and J.R.J. Paré, The Use of Thermal Extraction in Spill Response, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 191-211, 1995.

Li, K., J.M.R. Bélanger, M.F. Fingas, M. Llompart, R. Singhvi, R.D. Turpin, L.B. Jassie, T. Kierstead, and J.R.J. Paré, An Evaluation of Rapid Sample Extraction by Microwave-assisted Extraction, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 183-203, 1996.

Li, K., M. Landriault, M.F. Fingas, and M. Llompart, Accelerated Solvent Extraction (ASE) of Environmental Organic Compounds in Soils Using a Supercritical Fluid Extractor, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 115-128, 1998.

Li, K., M. Landriault, M.F. Fingas, and A. Potvin, On Site PCB Analysis in Support of a Transformer Rebuilding Project, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 129-145, 1998.

Li, K., M.D. Goldthorp, S. Whitarcar, P.G. Lambert, and M.F. Fingas, Solvent Vapour Monitoring in Work Space by Solid Phase Micro Extraction, *Proceedings of the Sixteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-12, 1999.

Li, K., P.G. Lambert, and M.F. Fingas, Headspace Extraction: A Versatile Technique for VOC Analysis in Emergencies Response, (20th TSOCS), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 499-516, 2003.

Li, K., M.D. Goldthorp, and M.F. Fingas, Evaluation of the Inficon Hapsite Portable GC/MS System, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 635-653, 2006.

Li, K., C.E. Brown, and W. Kuang, Use of the Dynatherm ACEM 900 Sorbent Tube Thermal Desorption System for Air Monitoring, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 527-541, 2007.

Llompart, M., K. Li, and M.F. Fingas, The Application of Solid Phase Micro Extraction (SPME) for Spill Emergency Work Part 1: SPME Analysis of Volatiles and Semi-volatiles in Soil, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 83-91, 1997.

Llompart, M., K. Li, and M.F. Fingas, The Application of Solid Phase Micro Extraction (SPME) for Spill Emergency Work Part 2: HS-SPME Analysis of Volatiles and Semi-volatiles in Water and Air, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 93-104, 1997.

Llompart, M., M.F. Fingas, and K. Li, Determination of Polychlorinated Biphenyls (PCBs) in Water Samples by Headspace Solid Phase Microextraction (HSSPME) under Non-equilibrium Conditions, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 83-95, 1998.

Lockhart, R.W., Decontamination of a Major Mercury Spill Site, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 107-116, 1991.

Lockwood, J. and R. Halman, Person-portable Systems for Multi-media Analysis at Chemical Spill Sites, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 189-202, 1983.

Lockwood, J., and R. Halman, Vehicle-portable Systems for Multi-media Analysis at Chemical Spill Sites, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 213-224, 1983.

Longpré, D., K. Lee, V. Jarry, A. Jaouich, A.D. Venosa, and M.T. Suidan, The Response of *Scirpus pungens* to Crude Oil Contaminated Sediments, *Proceedings of the First PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 137-148, 1999.

Lumley, T.C., A.W.M. Hay, K. Volchek, and M.F. Fingas, Development of Standards for Chemical and Biological Decontamination of Buildings and Structures Affected by Terrorism, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 433-442, 2006.

Lumley, T.C., D. Laframboise, P. Payette, S. McKinnon, J. Krishnan, J. Berry, M. Majcher, K. Bernard, and G. Fey, Building Decontamination for Infectious Agents: A Technology Demonstration, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 883-896, 2007.

Lunel, T., Eurospill: Chemical Spill Model Based on Modelling Turbulent Mixing at Sea, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 47-60, 1991.

Mackay, D., The Role of Computers in Chemical Spill Response, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 184-189, 1985.

Mackay, D. and G.E. Hoag, A Perspective on the Behaviour of Chemicals Spilled in Soil, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 123-142, 1986.

Mackay, D. and D. Wilson, A New Generation of Spill Model, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 149-163, 1987.

Mackay, W.F. and R.H. Goodman, The Development of a Disciplined Approach for Emergency Response - A Methodology for Strategic Decision Making during Response to a Chemical Spill, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 143-149, 1986.

Mansfield, B.H., Can Overboard!... A Global Summary of Marine Chemical Emergencies, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 183-203, 1994.

Marchand, M., E. Jacq, P. LeGuerrou, S. Corre, and B. Moullec, The Shipwreck of the *Fenes*: Bacteriological and Chemical Aspects of Wheat Fermentation in a Marine Environment, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 93-103, 2000.

Marcos, R. and D.W. Bissett, MIACC: Major Industrial Accidents Coordinating Committee, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 235-244, 1988.

Mathamel, M.S. and G.M. Crawford, Health and Safety and Training for Hazardous Materials Response Personnel, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 278-285, 1985.

Mattes, A.G. and W.F.A. Duncan, Anaerobic/Aerobic System for Removal of High Levels of Heavy Metals from Water - Report from a Full Summer of Operation, *Proceedings of the Second PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 13-28, 2000.

Mattes, A.G. and W.F.A. Duncan, Preliminary Results of Field Trials Testing Plants for Phytoextraction Capability in a Multi-metal Contaminated Environment Near a Lead Zinc Smelter, *Proceedings of the Second PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 73-84, 2000.

Matthias, C.S., Boiling, Evaporation and Extreme Cooling within a Superheated Liquid Jet, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 127-152, 1992.

Mayer, M.D.G., J.G. Purdon, and A. Burczyk, CB Decontamination for First Responders, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 525-546, 2006.

McCallum, W.G., Secondary Containment Liners: An Overview, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 87-100, 1989.

McDevitt, C.A., F.R. Steward, and J.E.S. Venart, What is a BLEVE? *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 137-147, 1987.

McDevitt, C.A., F.R. Steward, and J.E.S. Venart, Boiling Liquid Expanding Vapour Explosions - An Update, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-14, 1988.

McDonagh, M., A.P. Payne, and D. Tookey, Remote Sensing of Chemicals at Sea, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 321-338, 1992.

McGillivray, D.G., J.D. Smith, and R.H. Goodman, A.S.A.P. - The Air Safety Applications Package for Front-line Emergency Response - Part 1: User Interface, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 113-123, 1995.

McGillivray, D.G., S.M. Daggupaty, R.H. Goodman, and J.D. Smith, A.S.A.P. - The Air Safety Applications Package for Front-line Emergency Response - Part 2: Model Accuracy, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 125-138, 1995.

McIntyre, T., Development of a Worldwide Data Base on Metal Tolerant and Metal Accumulating Plants for Contaminated Site Remediation, *Proceedings of the First PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 33-58, 1999.

McLean, L., J. Ireland, S. Hohn, L. Herman, and A. Hanna, Preliminary Report and Design of Using Jack Pines for the Phytoremediation of Diesel-contaminated Soils in Northern Saskatchewan, *Proceedings of the First PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 159-167, 1999.

Meier, G.E., ICARIS - AARs Industrial Chemical Accident Response Information System, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 172-183, 1985.

Melbye, A.G., D. Altin, and T. Frost, Determination of Uptake of Dispersed Oil in the Copepod *Calanus finmarchicus*, (3rd PHYTO), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 223-236, 2001.

Melvold, R., S. Gibson, R. Scarberry, W. Ellis, and M. Royer, Development of a Guidance Manual for the Selection and Use of Sorbents for Liquid Hazardous Substance Releases, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 238-253, 1985.

Mendoza, M., R. Masrani, L. Sutherland, G. Sidebottom, E. Chang, and D. Clark: An Expert System for Emergency Response Management, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-4, 1989.

Merlin, F.-X., Experimental Study of Chemical Behaviour at Sea: POLLUTMAR III Sea Trials, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 79-90, 1991.

Metcalf, D.E. and G. Zukovs, A Rapid Assessment Model for Spills on Soil of Oily Fluids that are Immiscible with Water, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 21-41, 1987.

Myers J.A., CAER (Community Awareness and Emergency Response) Program Implementation, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 217-224, 1988.

Mickunas, D.B., R.D. Turpin, R. Pierson, W. Smith, and M. Gemelli, Emission Rate Determinations Using a Mobile Triple Quadrupole Mass Spectrometer, (18th TSOCS), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 907-910, 2001.

Mickunas, D.B., R.D. Turpin, S. Blaze, and J. Wood, The U.S. EPA Environmental Response Team TAGA at Work at the Hart Building Fumigation, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 957-966, 2004.

Mickunas, D.B., R.D. Turpin, E. Snyder, and J. Wood, Utilizing Trace Atmospheric Gas Analyzer (TAGA) Triple Quadrupole Technology to Provide Downwind Compound Concentrations and Emission Rate Determination during a Field Demonstration of Chemical Decontamination Technologies, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 811-822, 2007.

Mignone Jr., A.T., G.M. Zarus, C.J. Pereira, and R.D. Turpin, Public Health Evaluation of Emissions from In-situ Biodegradation Treatment Conducted at Uncontrolled Hazardous Waste Sites, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 151-164, 1995.

Milburn, R.K., Q.F. Chen, N.S. Karellas, and G.B. DeBrou, Real-time Air Monitoring of Hydrogen Chloride and Chlorine Gas during a Chemical Fire, (18th TSOCS), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 911-925, 2001.

Millers, J., D. Velicogna, and H. Whittaker, The Destruction of Hydrazine Fuels by Electrolysis, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 49-55, 1995.

Mills, W.J. and A.M. Bobra, Continuing Development of a Vehicle-portable Analytical System, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 303-323, 1987.

Misra, P.K. and R. Bloxam, Evaporation from PCB Mixtures, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 279-297, 1986.

Moon, S.K., R.R. Laferriere and F.L. Whipple, The *M/V Santa Clara I* Arsenic Trioxide Response: A Technical Review, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 297-310, 1993.

Moore, B.J., S.D. Ross, D.B. Gibson and P.E. Hardisty, Constructed Wetlands for Treatment of Dissolved Phase Hydrocarbons, *Proceedings of the First PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 69-80, 1999.

Moore, B.J., S.D. Ross, M.J. Brown, and D.B. Gibson, Constructed Wetlands for Treatment of Condensate Hydrocarbons in Cold Climates, *Proceedings of the Second PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1-12, 2000.

Mortazavi, S. and D.W. Cooper, Application of Activated Alumina for the Removal of Selenium from Water, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 151-168, 1998.

Mortazavi, S., K. Volchek, and H. Whittaker, Remediation of Soil Contaminated with Heavy Metals and PCBs, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 79-96, 1992.

Mortazavi, S., H. Whittaker, and K. Volchek, The Removal of Arsenic from Water by Adsorption and Microfiltration, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 9-29, 1993.

Mortazavi, S., H. Whittaker, K. Volchek, A. Tremblay, and F.H. Tezel, An Advanced Process for the Removal of Arsenic from Effluents, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 21-37, 1995.

Morton, R., S. Mortazavi, D.W. Cooper, and A. Tremblay, The Effect of Salt Type and Concentration on Lead Removal from Soil Using EDTA, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-9, 1995.

Moulins, J.L. and D.G. Pannell, Neutralisation et atténuation des impacts d'un déversement de 3 600 tonnes d'acide sulfurique concentré, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 235-260, 1983.

Murphy, M.C., K.C. Heidorn, P.A. Irwin, and A.E. Davies, Heavy Gas Dispersion in Terrain with Obstacles, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 19-43, 1989.

Napier, D.H., Fire and Explosion from Failure of Mobile Tanks, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 51-62, 1983.

Napier, D.H., M. Oliverio, and E. Alp, Source Terms for Dispersion Modelling of Releases of Heavy Gases, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 111-122, 1986.

Neely, W.B., Spills of Chemicals into Rivers, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 15-24, 1988.

Neely, W.B. and R.W. Lutz, Estimating Exposure from a Chemical Spilled into a River, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 54-74, 1985.

O'Malley, S.J. and J.O. Stull, The Utility of Fully Encapsulating Chemical Protective Suits in U.S. Cost Guard Hazardous Chemical Response, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 249-260, 1986.

Olivier, L., A. Karam, and Y. Pouliot, Using Terrestrial Plant Species to Extract Zinc and Manganese from Contaminated Sediment, *Proceedings of the First PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 59-68, 1999.

Overton, E.B. and D. Kummerlowe, Compound Specific Detectors for Field Information, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, p. 351-354, 1987.

Paquin, J., The Organization of a Large-scale Decontamination Operation, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 321-324, 1986.

Paquin, J. and A. Pilon, Restoration of Sites Contaminated by Polyaromatic Hydrocarbons (PAHs), *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 175-184, 1987.

Paquin, M. and R. D'Amours, An Example of Real-time Emergency Response: The SO₃ Release in Valleyfield, QC, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 735-743, 2005.

Parent, R. and C. Lau, Summary of Spill Events in Canada 1984-1995, *Proceedings of the Sixteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 69-85, 1999.

Paulson, G. and C.M. Scott, Local Needs and Preparedness for WMD Incidents: A Case Study from Kentucky, (20th TSOCS), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 375-391, 2003.

Paulson, G. and C.M. Scott, Local Needs and Preparedness for WMD Incidents: The Current U.S. Picture, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 537-542, 2004.

Paulson, G., C.M. Scott, and D. Scott-Dimenna, State and Local Levels of Preparedness for Terrorist Incidents: The Current - and Sobering - U.S. Picture, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 623-634, 2005.

Penzo, M.A. and M.P. Boyer, Innovative Technology for the Recovery of Organic Contaminants from Ground Water - With Two Case Studies, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 379-402, 1986.

Perry, E.C., M.V. Kennedy, and G. Paulson, U.S. Public Health Preparedness: A Network of Academic Centers, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 543-550, 2004.

Phimister, J.P. and R.C. Dicken, Containment and Recovery of a Chromic Acid Loss, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 372-390, 1985.

Phyper, J.D. and D. Mackay, A Simple Micro-computer Model of Short- and Long-term Chemical Spill Behaviour on Land, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 162-171, 1985.

Ponton, S., Cleanup of PCBs from Abandoned Dew Line Sites, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 299-306, 1986.

Pritchett, T.H. and O. Simpson, The Use of Optical Remote Sensing with Pre-set PPM-M Trigger Levels to Rapidly Assess the Potential Off-site Impact of Accidental Releases, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 325, 1996 (abstract only).

Punt, M.M., Evaluation of Innovative Methods for Enhancing the Removal of Organics from Soil, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 93-100, 1993.

Punt, M.M. and H. Whittaker, A Comparison of Steam Stripping and Air Stripping for the Removal of Volatile Organic Compounds from Water, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 117-132, 1991.

Punt, M.M. and A.J. Daugulis, Evaluation of a Two-phase Partitioning Bioreactor for Site Remediation, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 39-49, 2000.

Punt, M.M., D. Velicogna, A.J. Daugulis, K. Van Weiringen, and T. Janikowski, Evaluation of the Two-phase Partitioning Bioreactor for the Treatment of Polycyclic Aromatic Hydrocarbons in Soil, (18th TSOCS), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 879-889, 2001.

Punt, M.M., D.W. Cooper, D. Velicogna, W. Mohn, K. Reimer, D. Parsons, T. Patel, and A. Daugulis, Biological Treatment Processes for PCB Contaminated Soil at a Site in Newfoundland, *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 389-399, 2002.

Punt, M.M., P. Payette, L. Duncan, M. Best, J. Krishnan, S. Wagener, K. Bernard, M. Majcher, T. Cousins, and T. Jones, The Restoration Project: Decontamination of Facilities from Chemical, Biological and Radiological Contamination after Terrorist Actions, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 549-574, 2005.

Radnoff, D. and C. Lipski, Laboratory Scale Pervaporation Testing for Spills and Leachates, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 127-135, 1988.

Radnoff, D., E. Middleton, and H. Whittaker, Development and Testing of a Mobile Micro/Ultrafiltration Unit, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 159-172, 1988.

Radnoff, D. and L. Locatelli, Environmental Risks - Real or Perceived?, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 15-21, 1998.

Radwan, S.S., N. Dashti, and M. Khanafer, Endophytic and Epiphytic Hydrocarbon-utilizing Bacteria Associated with Root Nodules of Legumes, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1101-1110, 2005.

Rankin, R.L., M.D. Marshall, and R.H. Hiltz, Advancing Spill Countermeasure Technology with Aqueous Foam, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 85-89, 1988.

Reddy, B.S., Impact of New Jersey's Discharge Prevention Rules on the Frequency and Severity of Spills, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 57-63, 1995.

Reed, M. and D.P. French, A Natural Resource Damage Assessment Model and Geographical Information System for the Great Lakes, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-9, 1991.

Reed, M. and D.P. French, A Transportable System of Models for Natural Resource Damage Assessment, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 207-218, 1992.

Reed, M., D.P. French, T. Grigulanas, and J. Opaluch, A Computer Model System for CERCLA Type A Damage Assessments, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 333-341, 1987.

Reed, M., D.P. French, S.-S. Feng, and W. Knauss, Three-dimensional Oil and Chemical Spill Model and Coupled Geographical Information System, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-16, 1990.

Reynolds, C.M. and D.C. Wolf, Microbial Based Strategies for Assessing Rhizosphere-enhanced Phytoremediation, *Proceedings of the First PHYTO Technical Seminar*, Environment Canada, Ottawa, ON, pp. 125-135, 1999.

Riley, J.F., Unique Hazardous Material Spill Control Agents and Methods of Application, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 223-228, 1987.

Robb, P., Zoning to Protect the Public, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 225-233, 1988.

Robins, K.M. and R.H. Scott, The Hidden Problems within Emergency Site Management, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 309-313, 1988.

Ross, B.J., H. Whittaker, and F. Laperrière, Evaluation of Sorbent Use for Retrieval of Sunken Hazardous Liquids, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 47-71, 1988.

Rudin-Brown, P.M., Environment Canada's New On-line Reporting System for Environmental Emergency Plans under CEPA, Sections 199 and 200, *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1037-1039, 2003.

Rudin-Brown, P.M. and K.J. Ketcheson, The Scientific Rationale behind Data Gathering for Sections 199 and 200 for Environmental Emergency Plans under CEPA, (19th TSOCS), *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 1341-1351, 2002.

Rudin-Brown, P.M. and K.J. Ketcheson, Status of the Implementation of Environment Canada's Environmental Emergencies Regulations, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 571-576, 2006.

Runyon, T.A. and G.M. Thompson, Soil Gas Investigations for Volatile Subsurface Contaminants: Case Studies in Kansas, USA, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 287-293, 1987.

Rush, R.J., J.R. Bray, and D.E. Metcalfe, Remediation of PCB Contamination in the Kiwanis Park Section of Pottersburg Creek, London, Ontario, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 307-319, 1986.

Rusin, J., T. Lunel, and L. Davies, Validation of the EUROSPILL Chemical Spill Model, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 67-106, 1996.

Russo, N., Dealing with a Pesticide Spill on the Illecillewaet River, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 287-295, 1993.

Ruttan, J.T. and A.M. Bobra, The Continuing Development of a Person-portable Analytical System, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 279-286, 1987.

Sahota, H. and P.K. Misra, Comparison of a Heavy Gas Release Model with Field Data, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 115-135, 1987.

Sauriol, A., P. Hudon, and J. Primak, Récupération d'hydrocarbures lourds par injection d'eau à haute température; lessivage et pompage, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 153-158, 1988.

Schopfer, C., O. Hucul, and G. Paulson, Radiological Countermeasures: Candidates for Inclusion in a State Strategic Stockpile, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 611-621, 2005.

Schopfer, C., G. Paulson, and R.D. Turpin, Important Steps in Respiratory Protection: Development of a Selection Guide for Environmental and Public Health Employees, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 635-640, 2005.

Scory, S., Deux systèmes informatisés pour la prévision du comportement des pollutions en milieu marin, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, p. 109, 1986 (Résumé).

Scory, S., Deux systèmes informatisés pour la prévision du comportement des pollutions en milieu marin, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 429-436, 1986.

Shu, Y.Y., R.C. Lao, J.M.R. Bélanger, M.F. Fingas, and J.R.J. Paré, Applications of the Microwave-assisted Process (MAP_T) to Polyurethane Foams (PUFs) and Filters for Monitoring of Polycyclic Aromatic Hydrocarbons (PAHs), *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 165-171, 1995.

Sibblies, J., Risk and Hazard Assessments in the Chemical Industry, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 231-233, 1994.

Singhvi, R., J. Lafornera, and R.D. Turpin, A Case Study of Indoor Air Quality Investigation at Environmental Response Team Offices, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 215-220, 1994.

Singhvi, R., D. Kalnicky, J. Patel, and Y. Mehra, Comparison of Real-time and Laboratory Analysis of Mercury Vapor in Indoor Air: Statistical Analysis Results, (20th TSOCS), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 439-451, 2003.

Smith, P.L., The Development of a Risk Evaluation and Ranking Methodology for Federal Contaminated Sites, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 675-683, 2004.

Snyder, E., D.B. Mickunas, and L. Mickelsen, Indoor Air Sampling at the DRDC Suffield Field Decontamination Exercise, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 823-831, 2007.

Solsberg, L.B., A Survey of Countermeasures Systems for Hazardous Materials Spills, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, p. 391-394, 1985.

Solsberg, L.B., Countermeasures for Chemical Spills in the North Thompson River, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 229-243, 1987.

Solsberg, L.B. and A.W. Maynard, In-situ Treating Agents for Chemical Spills, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 225-235, 1986.

Solsberg, L.B., R. Parent, and I.A. Buist, A Survey of Chemical Spill Countermeasures: Preliminary Findings, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 131-135, 1983.

Southwood, J., R. Harris, and D. Mackay, The Use of Spread Sheet and Graphics Software for Interpreting the Results of a Chemical Spill in Ponds and Lakes, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 37-46, 1988.

Stephenson, R., V. Yan, and S. Lim, Cleanup of Metals and Hydrocarbon Contaminated Soils Using the ChemTech Process, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-13, 1997.

Stetter, J.R., W.R. Penrose, S.Z. Zaromb, D. Christian, D.M. Hampton, M. Nolan, M.W. Billings, C. Steinke, T. Otagawa, and J.O. Stull, Evaluating the Effectiveness of Chemical Parameter Spectrometry in Analyzing Vapors of Industrial Chemicals, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 332-343, 1985.

Stiver, W.H. and D. Mackay, Evaporation Rates of Chemical Spills, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 1-8, 1983.

Stiver, W.H. and D. Mackay, A Spill Hazard Ranking System for Chemicals, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 261-266, 1983.

Straforelli, J.B. and H. Whittaker, Reverse Osmosis for Clean-up of Spilled Wood Protection Solution, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 254-270, 1985.

Streutker, L.C., An Update on Environment Canada's Vehicle-portable Analytical System, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 253-256, 1988.

- Stull, J.O., Considerations for the Development of a Hazardous Chemical Personnel Protection System, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 293-322, 1985.
- Stull, J.O., Performance Standards for Chemical Protective Clothing in Emergency Response, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 251-268, 1987.
- Sumathipala, U.K., J.E.S. Venart, and F.R. Steward, Laboratory Experiments on an Externally-heated Pressure Liquefied Gas Container, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 25-36, 1988.
- Sumathipala, U.K., K.F. Sollows, P.C. Deschênes, and J.E.S. Venart, Critical Fracture Length in a Fire-heated Pressure-liquefied Gas Tank, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 61-78, 1991.
- Swick, L.A., Canada's Emergency Response System, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 315-321, 1988.
- Symington, R.M., MTBE as a Contaminant, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 101-107, 1994.
- Theiss, D., B. Conlin, and C. Ladanowski, 1994 Emergency Response to Dumping of DDT Canisters at the Border Pump Station, Rainy Hollow, B.C., *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 279-293, 1995.
- Thouin, G., S. Harrison, K. Li, W. Kuang, K. Volchek, M.F., Fingas, S. Potaraju, D. Velicogna, and A.F. Obenauf, Evaluation of Liquid-phase Oxidation for the Destruction of Potential Chemical Terrorism Agents, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 575-588, 2005.
- Thouin, G., S. Harrison, W. Kuang, K. Volchek, M.F. Fingas, and K. Li, Evaluation of Large-scale Decontamination of Surfaces, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 791-809, 2007.
- To, N.M., M.A. Fitch, and C. Micek, Adaptation and Application of a Dense Gas Dispersion Model - Degadis, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 43-52, 1987.
- Townshend Colford, M.J., Continuing Development of a Person-portable Analytical System, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 261-278, 1986.

Tremblay, J., Applications de la technologie des membranes dans l'Ouest Canadien, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 151-180, 1986.

Tremblay, J., Membrane Technology Applications in Western Canada, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 181-205, 1986.

Turkington, R.P., Hazardous Materials Identification: A Quick Field Identification of Unknown Materials, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 269-277, 1987.

Turkington, R.P., Hazardous Materials Identification: A Quick Field Identification of Unknown Materials, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 81-85, 1989.

Turpin, R.D., U.S. EPA, OERRs Summary of September 1982 Interim Standard Operating Safety Guides, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 137-144, 1983.

Turpin, R.D., U.S. EPA, ERTs Initial Air Monitoring Guides for Chemical Spills, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 181-187, 1983.

Turpin, R.D., Heat Stress Monitoring at Uncontrolled Hazardous Waste Sites, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 286-292, 1985.

Turpin, R.D., Summary of U.S. Environmental Protection Agency, Office of Emergency and Remedial Response's, Field Standard Operating Procedures (FSOPs), *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 243-247, 1986.

Turpin, R.D., U.S. Environmental Protection Agency, Environmental Response Team's Integrated Occupational Health and Safety Program, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 245-249, 1987.

Turpin, R.D., Common Health and Safety Plan Errors, *Proceedings of the Seventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 109-114, 1990.

Turpin, R.D., The Evolution of the U.S. Environmental Protection Agency's National Approach to Response: From the 1968 National Contingency Plan to the 2004 National Response Plan, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 547-550, 2006.

Turpin, R.D. and P.R. Campagna, Screening On-site Air Monitoring Samples by Use of a Field Flame Ionization Detection/Photoionization Detection Gas Chromatograph, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 360-366, 1985.

Turpin, R.D. and P.R. Campagna, Monday Morning Quarterbacks, *Proceedings of the Fourth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 325-332, 1987.

Turpin, R.D. and P.R. Campagna, An Overview of the Emergency Response Team's Air Surveillance Procedures at Emergency Response Activities Involving Highly Reactive and Toxic Materials, *Proceedings of the Eighth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 159-165, 1991.

Turpin, R.D. and R. Nadeau, The ERT Web Site: Ye Olde Responder's Information Store, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 181-185, 1998.

Turpin, R.D. and G. Betsinger, The National Contingency Plan vs the Federal Response Plan during Terrorist Attacks, (19th TSOCS), *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 677-681, 2002.

Turpin, R.D. and J. Schaefer, Health and Safety Ramifications of a National Approach to Response, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 501-505, 2004.

Turpin, R.D., J. Willman, and R. Blair, Application of Industrial Hygiene Techniques during an Emergency Response Operations at Western Processing Company Inc., Kent, Washington, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 271-277, 1985.

Turpin, R.D., J. Pike, K.M. Wallingford, R.H. Zumwalde, R. Hartle, T. Travers, and P.R. Campagna, The U.S. Environmental Protection Agency Environmental Response Team's Generic Asbestos Air Monitoring Guides for Hazardous Waste Sites, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 323-331, 1985.

Turpin, R.D., M. Holmes, and B. Brass, Montana Mining Town - Residential Mercury Vapor Monitoring, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 287-295, 1988.

Turpin, R.D., M.E. Mortensen, and M.J. O'Neill, Necessity for and Availability of Training for Drilling Personnel, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 55-60, 1989.

Turpin, R.D. and S.M. Burchette, U.S. Environmental Protection Agency's Environmental Response Team's Logistical Problems during Emergency Response Activities, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, p. 155-163, 1989.

Turpin, R.D., J. Ferris, J. Moran, and L. Murphy, Occupational vs Public Health and Safety during an Accidental Chemical Release, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 247-256, 1993.

Turpin, R.D., R. Singhvi, P.R. Campagna, J. Myer, M. Hansen, J.M. Soroka, and G. Ball, The U.S. Environmental Protection Agency/ Environmental Response Team's (EPA/ERT) Role in Auditing On Site Air-Monitoring Systems, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 139-150, 1995.

Turpin, R.D., S.M. Burchette, G.M. Zarus, S.A. Wagaman, D.B. Mickunas, H.D. Schmidt, and C.J. Pereira, Validation of a Successive Correction Modeling Technique: A Method to Identify and Quantify Sources of Air Emissions Detected by the TAGA 6000E, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 213-228, 1995.

Turpin, R.D., P.R. Campagna, G.M. Zarus, M.J. Trespalacios, H.D. Schmidt, A.T. Mignone Jr., G. Loy, T. Forrester, L. Wilder, J. Meyer, and M. Hansen, A High Tech Solution for Evaluating the Impact of Volatile Air Emissions from Petroleum Recovery and Refining Sites: A Superfund Case Study, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 229-250, 1995.

Turpin, R.D., D.B. Mickunas, C.S. Beasley, A. Smith, Y. Xu, M.J. Trespalacios, and G. Zarus, Air Monitoring Data: Comparing Apples and Oranges, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 143-150, 1997.

Turpin, R.D., R.J. Nadeau, S. Finelli, L. Chaney, and M. Prasek, The ERT Homepage - One Stop Shopping, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 237-239, 1997.

Turpin, R.D., R.M. Pierson, A.T. Mignone Jr., and C.J. Pereira, Palmtop Computers at Work during Emergency Response and Hazardous Waste Activities, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 241-243, 1997.

Turpin, R.D., R.J. Nadeau, C.S. Beasley, and T. Goddeyne, The Weather Identification Program: An Interactive Effort Involving Students in the Public Schools, *Proceedings of the Fifteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 191-193, 1998.

Turpin, R.D., G.B. Betsinger, F. Campbell, P. Meyers, H.D. Schmidt, and M. Gemelli, Chemical Spill Responder's Use of Website Data Bases, (18th TSOCS), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 897-900, 2001.

Turpin, R.D., G.B. Betsinger, and S. Merchant, Hazardous Material Responder Training in the New Millennium, (18th TSOCS), *Proceedings of the Twenty-fourth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 901-905, 2001.

Turpin, R.D., D.B. Mickunas, P.R. Campagna, and S.M. Burchette, Air Monitoring Activities of the U.S. Environmental Protection Agency/Environmental Response Team during the September 11, 2001 Terrorist Attacks, (19th TSOCS), *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 661-663, 2002.

Underdown, A.W. and M.J. Townshend Colford, Development of a Person-portable Analytical System, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 344-359, 1985.

Vanchuk, J.T., Some Operating Problems Associated with Personal Protection Equipment at Spill Incidents, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 163-180, 1983.

Velicogna, D. and H. Whittaker, The Evaluation of the Steam and Iron Assisted Leaching (SIAL) Process, *Proceedings of the Sixteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 103-107, 1999.

Venart, J.E.S., G.A. Rutledge, K. Sumathipala, and K. Sollows, The BLEVE Exploded: An Anatomy of a Boiling Liquid Expanding Vapour Explosion, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 109-126, 1992.

Volchek, K., A.S. Legault, and L. Keller, Reagent Membrane Separation as a Method of Metals Removal from Water: The Case of Competitive Binding, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 49-51, 1992.

Volchek, K., S. Mortazavi, L. Lorusso, and H. Whittaker, Removal of Lead from Contaminated Soil, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 25-41, 1994.

Volchek, K., C. Ladanowski, A. Somers, H. Whittaker, and A. Anantaraman, Electrolytic Decomposition of N-Nitrosodimenthylamine in Water, *Proceedings of the Twelfth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 39-47, 1995.

Volcheck, K., B. Veysov, L. Ananieva, V. Atamaniouk, S. Mortazavi, C. Ladanowski, and H. Whittaker, Membrane-assisted Processes to Remove Heavy Metals from Soil and Water, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 313-324, 1996.

Volchek, K., M. Raskin, and M. Weber, Evaluation of Lignin Derivatives for Soil and Water Cleanup, *Proceedings of the Seventeenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 31-37, 2000.

Volchek, K., D. Velicogna, A. Dumouchel, W.P. Wong, and C.E. Brown, Removal of Arsenic from Contaminated Water Using Coagulation Enhanced Microfiltration, (19th TSOCS), *Proceedings of the Twenty-fifth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 683-699, 2002.

Volchek, K., D. Velicogna, M.M. Punt, W.P. Wong, L. Weimer, A. Tsangaris, and C.E. Brown, Bench Scale Demonstration of Treatment Technologies for Contaminated Sediments in Sydney Tar Ponds, (20th TSOCS), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 461-483, 2003.

Volchek, K., L. Boudreau, M. Hornof, M.F. Fingas, and R.L. Gamble, Review of Decontamination Technologies for Chemical Counter-terrorism, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 477-500, 2004.

Volchek, K., W.P. Wong, H. Peng, M. Mackinnon, and C.E. Brown, Membrane Technology to Improve Water Management in Oil Sands Operations, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 655-674, 2004.

Volchek, K., M.F. Fingas, and G. Thouin, Field Demonstration of CBRN Building Decontamination Technologies, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 769-789, 2007.

Wheeler, R., Response to a Hydrochloric Acid Release: A Case Study, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 573-591, 2007.

Whittaker, H. and O.V. Nowakiwsky, Reverse Osmosis in Chemical Spill Clean-up, *Proceedings of the First Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 93-116, 1983.

Whittaker, H. and R. Clark, Cleanup of PCB Contaminated Groundwater by Reverse Osmosis, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 229-237, 1985.

Whittaker, H. and J. Tremblay, Membrane Technology Applications in Atlantic Canada, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 130-140, 1985.

Whittaker, H. and T. Szaplanczay, Testing of Reverse Osmosis on Chemical Solutions, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 141-161, 1985.

Whittaker, H. and C. Goulet, A Review of Countermeasures for the Removal of Volatile Organic Compounds from Groundwater, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 113-125, 1988.

Whittaker, H., C.I. Adams, S.A. Salo, and A. Morgan, Reverse Osmosis at the Gloucester Landfill, *Proceedings of the Second Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 191-207, 1985.

Whittaker, H., T. Kady, R. Evangelista, and C. Goulet, Preliminary Results of Reverse Osmosis and Ultraviolet Photolysis/Ozonation Testing at the Pas Site - Oswego, N.Y., *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 111-129, 1989.

Whittaker, H., C. Ladanowski, M. Sungaila, S. Bonneville, R. Whittaker, J. Malers, and J. Millers, Environmental Site Assessment in Latvia, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 377-400, 1996.

Whittaker, H., L. Davidson, and C. Ladanowski, Development of a Large-scale Environmental Management Plan for the Decommissioning of the Ukrainian SS19 Nuclear Arsenal, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 15-20, 1997.

Whittier, N. and D.P. French McCay, Chemical Spill Modeling and Spill Hazard Evaluation of the Most Frequently Spilled Chemicals, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 551-569, 2006.

Willes, R.F. and M.D. Treissman, Case History - Development of Site-specific Soil Clean-up Criteria Based on a Human Health Risk Assessment of a Former Wood Preserving Site, *Proceedings of the Eleventh Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 221-229, 1994.

Willms, J.R. and B.N. Spiegel, Spill Reporting: New Developments in the Law, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 261-291, 1992.

Willms, J.R. and B.N. Spiegel, Spill Reports and Clean-Ups: Negotiating with Regulatory Officials - The Legal Perspective, *Proceedings of the Tenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 271-285, 1993.

Wolff, C.J.M. and C.L.M. Poels, Hazard Assessment of Aquatic Organisms Exposed to Chemicals after an Accidental Spill from Bulk Tankers at Sea, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 23-39, 1986.

Wong, K.-F.V., G. Generalis, L. Hernandez, J. Padin, and N. Paradiso, Relative Values of Damage Assessed for the Gulf of Mexico, the Atlantic Coast and the Pacific Coast, for Sample Hazardous Materials, *Proceedings of the Fourteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 181-194, 1997.

Worry, J., D. Radnoff, and H. Whittaker, Clean-up of PCB-contaminated Washwater by Reverse Osmosis and Ultrafiltration, *Proceedings of the Fifth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 337-349, 1988.

Xiong, Y., J. Xu, and J.E.S. Venart, LPG Tank Failure: Ste Élisabeth de Warwick, Quebec, June 27, 1993; The Lessons to be Learned, *Proceedings of the Thirteenth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 283-302, 1996.

Yanofsky, N.J., An Approach to CBRN Counter-terrorism - Defence R&D Canada's Response to an Emerging Global Terrorist Threat, (20th TSOCS), *Proceedings of the Twenty-sixth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 399-428, 2003.

Yanofsky, N.J., Evolving Modalities in the Development and Delivery of Chemical, Biological, Radiological/Nuclear Counter-terrorism Science and Technology, (21st TSOCS), *Proceedings of the Twenty-seventh AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 507-524, 2004.

Yanofsky, N.J. and K. Volchek, The Role of Decontamination Science in Canada's Emerging Public Security Science Strategy, (24th TSOCS), *Proceedings of the Thirtieth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 619-623, 2007.

Yanofsky, N.J., K. Volchek, and M.F. Fingas, Remediation following a CBRN Terrorist Attack: Domestic and International Perspectives, (22nd TSOCS), *Proceedings of the Twenty-eighth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 589-602, 2005.

Yanofsky, N.J., K. Volchek, M.F. Fingas, and B. Filatov, Recent Developments in Collaborative CBRN Decontamination Science: A Retrospective, (23rd TSOCS), *Proceedings of the Twenty-ninth AMOP Technical Seminar*, Environment Canada, Ottawa, ON, pp. 461-466, 2006.

Yau, H. and G. Giesbrecht, Engineering a Mobile Steam Stripper, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 143-154, 1989.

Zelensky, M.J. and A.J. Springer, Risk Assessment of Natural Gas Liquids Pipelines, *Proceedings of the Ninth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 219-254, 1992.

Zgola, M.B., The Key Lake Spill, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 325-345, 1986.

Zukovs, G., D.E. Metcalfe, and D. Mackay, Modelling of the Short-term Behaviour of PCB Spills, *Proceedings of the Third Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 413-428, 1986.

Zytner, R.G., N. Biswas, J.A. McCorquodale, and J.K. Bewtra, Fate and Behaviour of Tetrachloroethylene Spilled on Soil, *Proceedings of the Sixth Technical Seminar on Chemical Spills*, Environment Canada, Ottawa, ON, pp. 5-18, 1989.

Part 3/Partie 3

AMOP Technical Seminar on
Environmental Contamination and Response

Colloque technique de l'AMOP - Contamination de
l'environnement et intervention

2008-2012

Adamczak, A.K., J.K. Starsman, B. Dunker, Y. Ha, and T. DeRuyter, Comparison and Analysis of Lessons Learned during the Investigation of Oiled Wildlife Found Near Saint Lawrence Island, Alaska, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 276-288, 2014.

Amezcuca-Allieri, M.A. and R. Rodriguez-Vázquez, Effects on Lead Bioavailability and Plant Uptake during the Bioremediation of Soil PAHs, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 803-810, 2008.

Andreassen, I., K.M. Hammer, D. Krause, T. Nordtug, A.J. Olsen, and D. Altin, Removal of Oil Droplets by Benthic Filter Feeders, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 412-422, 2013.

Anifowose, B., D. Lawler, D. van der Horst, and L. Chapman, Application of Flow Duration Analysis in River Oil Spill Management, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 813-835, 2012.

Assilzadeh, H. and Y. Gao, Automatic Detection and Mapping of Oil Spill Using SAR Images, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 703-712, 2008.

Atlas, R.M. and J.R. Bragg, Evaluation of PAH Depletion of Subsurface Exxon Valdez Oil Residues Remaining in Prince William Sound in 2007-2008 and their Likely Bioremediation Potential, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 723-747, 2009.

Ayensa, G., P. Montreo, L. Navarro, and I. Rodríguez-Aros, ARCOPOL Plus Project: Improvement of Coastal Localities Preparedness for Marine Pollution Incidents, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 399-411, 2013.

Azmi, P., K. Volchek, D. Velicogna, W. Kuang, N. Mesnic, M. Doshi, and C.E. Brown, Radiological Decontamination of Urban Surfaces Using Selective Sequestering Agents, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 289-300, 2010.

Azmi, P., W. Kuang, K. Volchek, P.G. Lambert, C.E. Brown, W. Andrews, P. Samuleev, D. Velicogna, and A. Burczyk, Removal of Cesium and Cobalt from Construction Materials Using Sequestering Agents, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 13-22, 2011.

Azmi, P., K. Volchek, M. Punt, F. Kitching, M. McCall, P.G. Lambert, C.E. Brown, F. Scaffidi, and K. Corriveau, A Road Map to Canadian Chemical/Biological/Radiological/Nuclear/Explosive (CBRNE) Decontamination Contractors Network, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 276-293, 2012.

Balsley, A., K. Hansen, and M. Fitzpatrick, Detection of Oil within the Water Column, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 548-564, 2013.

Bao, M. and C. Li, Removal of Cu from Sediment by a Lipopeptide Biosurfactant, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 651-660, 2008.

Bao, M. and N. Wang, Improvement of Biodegradability of Oil Wastewater Contained PAM by Pretreatment with Fenton Oxidation, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 639-649, 2008.

Bao, M., Q. Chen, Y. Li, and G. Jiang, Study of Biodegradation of Partially Hydrolyzed Polyacrylamide in an Oil Reservoir after Polymer Flooding, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 749-758, 2009.

Bao, M., Y. Gong, Y. Li, and G. Jiang, Bioremediation of Oily Contamination by Free and Immobilized Microorganisms on a Laboratory-scale, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 759-769, 2009.

Bao, M., L. Wang, L. Cao, and P. Sun, Laboratory Experiment on Bioremediation of Crude Oil by Microbial Consortium, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 449-462, 2010.

Bao, M., Q. Chen, Z. Liu, and Y. Li, Research on Heavy Oil Degradation by Four Thermophilic Bacterial Strains, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 429-447, 2010.

Bao, M., L. Wang, Y. Li, L. Cao, and P. Sun, Biodegradation of Crude Oil with Biosurfactant Production by Strain *Acinetobacter* sp. D3-2 Isolated from Oil-contaminated Soil, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 134-145, 2011.

Bao, M., Q. Chen, Y. Zhou, J. Peng, and Y. Li, Wastewater Treatment after ASP (Alkali/Surfactant/Polymer) Flooding by Fenton Oxidation Combined with Biodegradation, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 33-41, 2011.

Bao, M., Q. Chen, C. Shan, Y. Li, X. Fan, S. Liang, P. Sun, and X. Yang, Rhamnolipids Enhance Crude Oil Bioremediation in Simulated Marine Oil Spill System, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 59-77, 2012.

Bao, M., L. Wang, C. Shan, Y. Li, P. Sun, and X. Yang, Biodegradation of Crude Oil by a Microbial Consortium in a Simulated Marine Shoreline Environment, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 78-90, 2012.

Bao, M., N. Xu, P. Sun, and Z. Wang, Biodegradation, Adsorption and Uptake of Petroleum Hydrocarbons by a Microbial Consortium, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 601-617, 2013.

Bao, M., D. Zhao, B. Yang, Q. Zhou and P. Sun, Effect of Glycolipid Biosurfactant on Solubilization of Polycyclic Aromatic Hydrocarbons in Wastewater, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 62-74, 2013.

Bao, M., Z. Zheng, and Y. Li, Study on Anaerobic Biotreatment of Wastewater Containing Partially Hydrolyzed Polyacrylamide in Hybrid Anaerobic Baffled Reactor, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 629-643, 2013.

Bao, M., X. Zheng, Q. Zhou, P. Sun, and Z. Wang, Adsorption and Desorption of Dissolved Petroleum Hydrocarbons in the Seawater-Sediment System, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 183-192, 2013.

Bao, M., Y. Zhou, and J. Lu, Study on Fenton's Reagent Oxidation Processing of Wastewater Containing Partially Hydrolyzed Polyacrylamide, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 644-653, 2013.

Bao, M., Z. Zheng, Y. Li, and Ji Lu, Treatment of Partially Hydrolyzed Polyacrylamide Wastewater by Combined Fenton Oxidation and Anaerobic Biological Processes, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 184-197, 2014.

Barenboim, G., and A. Saveka, New Methodological Aspects of Assessment of Biological Hazard of Oil Spills, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 13-30, 2012.

Barenboim, G., A.J. Saveka, O. Avandeeva, V.M. Borisov, O. Khristoforov, and I. Stepanovskaya, Development of a System for the Early Detection and Monitoring of Oil Spills on Water Bodies with a Glance to its Use in the Arctic Zone, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 565-590, 2013.

Barker, C.H., An Early Long Term Outlook for the Deepwater Horizon Oil Spill, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 201-212, 2011.

Battaglia, C. and J. Schlieps, Managing Expectations for Oiled Wildlife Response: Industry, Trustee Agencies and the Public, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 242-248, 2014.

Baussant, T., A. Krolicka, C. Boccadoro, M. Mæland, C. Preston, J. Birch, and C. Scholin, Detection of Oil Leaks by Quantifying Hydrocarbonoclastic Bacteria in Cold Marine Environments Using the Environmental Sample Processor, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 790-806, 2014.

Beegle-Krause, C.J., T.P. Boyer, H.E. Garcia, C.H. Barker, A. MacFadyen, and D. Payton, Deepwater Horizon MC 252: Understanding the Spill below the Surface, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 177-188, 2011.

Beegle-Krause, C.J., T. Peacock, and M. Allshouse, Exploiting Lagrangian Coherent Structures (LCS) for the Calculation of Oil Spill and Search-and-Rescue Drift Patterns in the Ocean, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 169-176, 2011.

Belore, R., Subsea Chemical Dispersant Research, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 617-649, 2014.

Bensimon, D., P. Bourguin, and N. Ek, Latest Research and Development Advances in the Environmental Emergency Response Section of Environment Canada's Meteorological Service of Canada, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 715-722, 2013.

Bernard, M.P. and L.H. Weems, Safety Preplanning and Strategy for Large Incident Responses, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 273-284, 2008.

Birkholz, D.A., Source Identification of Hydrocarbons following Spill Events, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 326-340, 2011.

Birkholz, D.A., and M. Flynn, Age Dating a Heating Oil Release: Investigations into Liability Ownership following a Spill and Associated Reclamation, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1018-1026, 2012.

Blinov, V., K. Volchek, W. Kuang, G. Thouin, R.S. Brown, and A.A. Neverov, Decontamination of Organophosphorous Pesticides Catalyzed by Metal Ions in Liquid Phase, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 265-280, 2009.

Blinov, V., K. Volchek, C.E. Brown, W. Kuang, G. Thouin, R.S. Brown, A.A. Neverov, B. Mongeau, N. Costa, and S. Louie, Decontamination of Organophosphorus Pesticides on Sensitive Equipment, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 273-287, 2010.

Blinov, V., W. Kuang, K. Volchek, C.E. Brown, A. Bhalerao, and N.J. Yanofsky, Decontamination of Sensitive Equipment from Toxic Organophosphorus Compounds with a Catalytic System Containing Non-flammable Co-solvent, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1-12, 2011.

Blinov, V., J. Szabo, S. Minamyer, K. Volchek, C.E. Brown, and W. Kuang, State of the Science on Decontamination of Drinking Water Infrastructure, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 250-275, 2012.

Blinov, V., K. Volchek, C.E. Brown, and E. Rohonczy, Cold Weather Decontamination/Disinfection Methods and Technologies, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 198-215, 2014.

Botrus, D., M.C. Boufadel, E. Wickley-Olsen, J.W. Weaver, R. Weggel, A.D. Venosa, and K. Lee, Wave Tank to Simulate the Movement of Oil under Breaking Waves, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 53-68, 2008.

Brandvik, P.J., J. Fritt-Rasmussen, M. Reed, and N.R. Bodsberg, Predicting Ignitability for In Situ Burning of Oil Spills as a Function of Oil Type and Weathering Degree, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 773-786, 2010.

Brandvik, P.J., J. Fritt-Rasmussen, R. Daniloff, and F. Leirvik, Using a Small-scale Laboratory Burning Cell to Measure Ignitability for In Situ Burning of Oil Spills as a Function of Weathering, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 755-771, 2010.

Brandvik, P.J., P.S. Daling, and J.L. Myrhaug, Mapping Weathering Properties as a Function of Ice Conditions: A Combined Approach Using a Flume Basin Verified by Large-scale Field Experiments, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 701-723, 2010.

Brown, C.E., P.G. Lambert, K. Volchek, and N.J. Yanofsky, CRTI Chemical Science Cluster - An Environment Canada Perspective on Nine Years of R&D and Related Scientific Activities, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 624-638, 2011.

Bryant, B.F. and E.G. DeCola, Extending the Geographic Response Plan to the Local Level; Two Massachusetts Communities Plan their Response to a Potential Oil Spill, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 921-934, 2009.

Buist, I.A., R.C. Belore, A. Guarino, D. Hackenberg, D.F. Dickins, and Z.D. Wang, Empirical Weathering Properties of Oil in Ice and Snow, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 67-107, 2009.

Buist, I.A., G. Canevari, and T.J. Nedwed, New Herding Agents for Thickening Oil Slicks in Drift Ice for In-situ Burning, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1085-1107, 2010.

Buist, I.A., S.G. Potter, R.C. Belore, A. Guarino, P. Meyer, and J. V. Mullin, Employing Chemical Herders to Improve Marine Oil Spill Response Operations, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1109-1133, 2010.

Buist, I.A., S.G. Potter, and S.E. Sørstrøm, Barents Sea Field Test of Herder to Thicken Oil for In-situ Burning in Drift Ice, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 725-742, 2010.

Buist, I.A., P. Lane, P. Newsom, T.J. Nedwed, A. Tidwell, and K. Flagg, Recent Efforts to Develop and Commercialize Oil Herders, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 472-479, 2012.

Buist, I., S. Potter, K. Trudel, S. Shelnutt, A. Hayward Walker, D. Scholz, P.J. Brandvik, J. Fritt-Rasmussen, A.A. Allen, and P. Smith, In Situ Burning in Ice-affected Waters: State of Knowledge Report, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 828-836, 2013.

Buist, I.A., and J.V. Mullin, Determining if Ohmsett is Suitable for Researching, Testing and Training in Biofuel Spill Response, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 804-815, 2011.

Buist, I.A., and R.C. Belore, Herding Agent Field Application System Development, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 832-840, 2011.

Buist, I.A., and P. Meyer, Research on Using Oil Herding Agents for Rapid Response In Situ Burning of Oil Slicks on Open Water, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 480-505, 2012.

Bullock, R.J. and R.A. Perkins, US Natural Resource Damage Assessment and Implementation - Failure Points and Alternatives: Case Study Evaluation, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 909-924, 2014.

Cabioc'h, F., D. de Castelet, T. Pénelon, S. Pagnon, A. Peuch, F. Bonnardot, J. Duhart, D. Drevet, Comdt. Cerutti, Comdt. Nyffenneger, Comdt. Estiez, M. Darin, and J.C. Hermand, Accidents on Vessels Transporting Liquid Gases and the Responders' Concerns: The Galerne Project, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 289-300, 2009.

Cabioc'h, F., Marine Emergency Response Sheets (MERS) in Case of Accidents at Sea Involving Hazardous Substances: Interests and Limitations, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 967-976, 2010.

Campagna, P.R., Air Monitoring Equipment for Pre-deployments, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 449-456, 2008.

Campbell, R. and F. Muttin, Oil Spill Containment Modelling: A Case Study in Collaboration with Local Authorities, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 29-39, 2014.

Camus, L., J. Nahrgang, and G.H. Olsen, Biomonitoring Tools and Risk Assessment in the Arctic, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1253-1265, 2010.

Cao, W., J. Li, and D. Joksimovic, Study of Urban Chemical Spills in Southern Ontario, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 83-100, 2011.

Catalano, S., Cook Inlet Ice Forecasting Network, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 401-404, 2008.

Catalano, S., T.L. Robertson, and E.G. DeCola, Alaska GRIN Project: Development of Geospatial Data Management Interface for Oil Spill and Emergency Response, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 543-551, 2009.

Chen, C.F., C.M. Kao, C.D. Dong, and C.W. Chen, Distribution, Origin and Potential Toxicological Significance of Polycyclic Aromatic Hydrocarbons (PAHs) in Sediments of Kaohsiung Harbor, Taiwan, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 485-500, 2009.

Cincilei, A., S. Tolocichina, I. Rastimesina, A.-M. Delort, P. Besse-Hoggan, and M. Sancelme, Removal of Aqueous Benzothiazoles Using Immobilized Bacteria, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 74-82, 2011.

Coolbaugh, T.S., Oil Spill Detection and Remote Sensing - An Overview with Focus on Recent Events, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 679-691, 2008.

Coolbaugh, T.S., J.R. Clark, and T. Johns, The Global Oil Spill Dispersant Inventory: Where to Find What is Needed in Case of a Large Spill, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 411-422, 2009.

Cooper, D.W., and B.P. Hollebone, Manuals for Spills of Hazardous Materials: A Biofuels Update, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 511-519, 2011.

Cooper, D.W., D. Velicogna, and C.E. Brown, Treating Agent Impact on Mechanical Oil Spill Countermeasures Including Sorbents, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 309-320, 2008.

Cooper, D.W., D. Velicogna, A. Obenauf, and C.E. Brown, Biodiesel Spill Response, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 351-360, 2008.

Cooper, D.W., B.P. Hollebone, N.R. Singh, and V. Tong, Biofuels Spill Response & Sorbent Testing, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1071-1084, 2010.

Cooper, D.W., I.A. Buist, R. Belore, T.J. Nedwed, and A. Tidwell, One-step Offshore Collection and Removal: Combining an Oleophilic Skimmer and Floating Burner, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 537-550, 2012.

Cooper, D., I. Buist, and N. Mabile, Applying Emulsion Breakers to Extend the Window-of-opportunity for Ignition and Burning of Oil in Fire Booms, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 837-854, 2013.

Cortez, M.J. and H.G. Rowe, Alternative Response Technology Program for the Deepwater Horizon in the Gulf of Mexico - An Overview, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 791-803, 2011.

Cortez, M.J., and H.G. Rowe, Alternative Response Technologies: Progressing Learnings, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 564-583, 2012.

Dale, T., Enhanced Oil Spill Operations in High Speed Currents, Single Vessel Operation, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1205-1210, 2010.

Daling, P.S., A. Holumsnes, C. Rasmussen, P.J. Brandvik, and F. Leirvik, Development and Field Testing of a Flexible System for Application of Dispersants on Oil Spills in Ice, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 787-813, 2010.

DeCola, E.G., M. Popovitch, and J. Ball, From Theory to Practice: Lessons Learned during Geographic Response Plan Field Tests in Rhode Island, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 521-535, 2009.

DeCola, E., J. Silva, G. McMullin, and T. Smith, Lessons from the Field: Geographic Response Strategies (GRS) Testing in Coastal Maine, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 736-757, 2013.

della Mea, C., Recovering Cleanup Costs: Some Recent Incidents Involving the IOPC Funds, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1231-1242, 2010.

DeVitis, D.S., J.-E. Delgado, P. Meyer, W.T. Schmidt, S.G. Potter, and M. Crickard, Development of an American Society of Testing and Materials (ASTM) Stationary Skimmer Test Protocol - Phase 2 Development, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 321-336, 2008.

Dickins, D.F., J.H.S. Andersen, P.J. Brandvik, I. Singaas, T. Buvik, J. Bradford, R. Hall, M. Babiker, K. Kloster, and S. Sandven, Remote Sensing for the Oil in Ice Joint Industry Program 2007-2009, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 815-840, 2010.

Dismukes, D.E., S.R. Barnes and G.B. Upton, Economic and Policy Issues in Sustaining an Adequate Oil Spill Contingency Fund in the Aftermath of a Catastrophic Incident, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 506-524, 2014.

Donnay, E., Use of Unmanned Aerial Vehicle (UAV) for the Detection and Surveillance of Marine Oil Spills in the Belgian Part of the North Sea, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 771-779, 2009.

Dowdall, E., K. Hradecky, K.J. Ketcheson, and J. Shrives, The 2008 Amendments to the Environmental Emergency Regulations, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 767-775, 2008.

Dowdall, E., K.J. Ketcheson, J. Shrives, and K. Hradecky, The 2010 Amendments to the Environmental Emergency Regulations, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1295-1303, 2010.

Durgut, I., P. Rønningen, J.H. Carlsen Øksenvåg, and M. Reed, Advances in Shoreline Modeling Enabled by Experimental Data, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 689-706, 2012.

Dussault, M. and F. Gauthier, Grande-Baie Tugboat Sinking and Salvage Operations, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1211-1217, 2010.

Dussauze, M., M. Theron, K. Pichavant-Rafini, S. Le Floch, L. Camus, and P. Lemaire, Effect of Dispersed Oil on Fish Cardiac Tissue Respiration: A Comparison between a Temperate (*Dicentrarchus labrax*) and an Arctic (*Boreogadus saida*) Species, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 482-493, 2014.

Ek, N., A. Malo, and R. Servranckx, Environmental Emergency Response at the Canadian Meteorological Centre, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 315-321, 2009.

Ek, N., N. Benbouda, P. Bourguin, J.-P. Gauthier, N. Gauthier, R. Hogue, M. Holly, S. Trudel, and C. Zaganescu, The Canadian Urban Dispersion Modelling (CUDM) System: An Operational Prototype, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 603-623, 2011.

Ermakov, S.A., Oil Slicks on the Sea Surface and their Remote Sensing, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 539-547, 2013.

Faksness, L.-G., P.J. Brandvik, R.L. Daae, F. Leirvik, and J.F. Børseth, The Monitoring of Oil in Water and MetOcean Interactions during a Large-scale Oil-in-ice Experiment in the Barents Sea, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 679-700, 2010.

Faksness, L.-G., B.H. Hansen, T. Nordtug, J.F. Børseth, T. Baussant, A.H.S. Tandberg, A. Ingvarsdottir, N. Aarab, and D. Altin, The Effects of Different Oil Spill Cleanup Technologies on Body Burden and Biomarkers in Arctic Marine Organisms - A Laboratory Study, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 738-758, 2011.

Fernandes, R., R. Neves, C. Viegas, and P. Leitão, Integration of an Oil and Inert Spill Model in a Framework for Risk Management of Spills at Sea: A Case Study for the Atlantic Area, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 326-353, 2013.

Fernandes Romero, Á. and D.M. de Sossa Abessa, Map of Cleaning Procedures and Response Actions to Oil Spills, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 450-454, 2014.

Fernandes Romero, Á., J.B. Mendoca de Oliveira, D.M. de Sossa Abessa, and P.S. Riedel, Survey of Biological Resources to Support Environmental Sensitivity Maps: Case Study on Mangrove Areas of a Subtropical Brazilian Estuary, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 441-449, 2014.

Fieldhouse, B.G., Dispersion Characteristics of Oil Treated with Surface Washing Agents for Shoreline Cleanup, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 373-394, 2008.

Fieldhouse, B.G., Fit Testing Respirators: Comparison of Techniques, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 301-313, 2009.

Fieldhouse, B.G., Development of an Improved Environment Canada Test for Evaluating Surface Washing Agent Effectiveness, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 525-536, 2012.

Fieldhouse, B.G. and M.F. Fingas, Solidifier Effectiveness: Variation due to Oil Composition, Oil Thickness and Temperature, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 337-363, 2009.

Fieldhouse, B.G., B.P. Hollebone, N.R. Singh, T.S. Tong, and J.V. Mullin, Artificial Weathering of Oils by Rotary Evaporator, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 159-180, 2010.

Fieldhouse, B., A. Alsaafin, J. Wu and J.T. Cantin, The Influence of Viscoelasticity on the Behaviour of Oil-and-water Interaction, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 136-153, 2013.

Fieldhouse, B., A. Mihailov, and V. Moruz, Weathering of Diluted Bitumen and Implications to the Effectiveness of Dispersants, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 338-352, 2014.

Fingas, M.F., A New Generation of Models for Water-in-oil Emulsion Formation, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 577-600, 2009.

Fingas, M.F., Models of Oil Spill Dispersion Stability, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 555-586, 2010.

Fingas, M.F., Soot Production from In-situ Oil Fires: Literature Review and Calculation of Values from Experimental Spills, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1017-1054, 2010.

Fingas, M.F., Buoys and Devices for Oil Spill Tracking, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 213-228, 2011.

Fingas, M.F., Oil and Petroleum Evaporation, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 426-459, 2011.

Fingas, M.F., Vegetable Oil Spills: Oil Properties and Behaviour, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 884-902, 2012.

Fingas, M.F., How to Measure Slick Thickness (or Not), *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 617-652, 2012.

Fingas, M.F., Introduction to Oil Chemistry and Properties, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 951-980, 2012.

Fingas, M.F., A Review of Natural Dispersion Models, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 207-224, 2013.

Fingas, M.F., Macondo Well Blowout Mass Balance: A Chemical View, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 75-102, 2013.

Fingas, M.F., New Models for Water-in-oil Emulsion Formation, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 244-278, 2013.

Fingas, M.F., Analyzing Oxidized and Biodegraded Hydrocarbons, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 869-882, 2014.

Fingas, M.F., Calculating the Amount of Oil Burned in a Boom: Catenary Calculations, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 736-752, 2014.

Fingas, M.F. and B.G. Fieldhouse, Water-in-oil Emulsions: Studies on Water Resolution and Rheology over Time, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1-35, 2008.

Fingas, M.F. and J. Banta, A Review of Literature Related to Oil Spill Dispersants, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 869-920, 2009.

Fingas, M.F., and B.G. Fieldhouse, Water-in-oil Emulsions: Formation and Prediction, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 460-510, 2011.

Fingas, M.F. and C.E. Brown, Detection of Oil in, with and under Ice and Snow, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 472-497, 2013.

Fingas, M.F., and B.P. Hollebhone, Oil Behaviour in Ice-infested Waters, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 110-135, 2013.

Fingas, M.F. and J. Banta, A Proposed New Dispersant Monitoring Protocol, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 753-789, 2014.

Fingas, M.F. and J. Banta, Review of Monitoring Protocols for Dispersant Effectiveness, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 574-616, 2014.

Fingas, M.F., K. Volchek, P.G. Lambert, G. Thouin, and J. Krishnan, A Cost Analysis of Chemical and Biological Decontamination, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 233-252, 2009.

Fingas, M.F., K. Volchek, K. Li, C.E. Brown, G. Thouin, S. Harrison, W. Kuang, D.W. Cooper, R. Focht, B. Filatov, and M. Ignatenko, Setting Standards for Chemical Cleanup, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 195-218, 2009.

Fisher, G. and S. Najmi, Ensuring Canadian Forces Naval Vessel Compliance with Environmental Regulations, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 931-440, 2010.

Fletcher, S., L. Pearson, and T. Robertson, Stakeholder Engagement in Maritime Risk Assessment: Case Studies from Alaska, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 758-764, 2013.

French, J.S., Important Considerations Regarding Ocean and Ecosystem Dynamics in Assessing Environmental Risks from Various Oil Spill Countermeasures, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1171-1204, 2010.

French McCay, D.P., State-of-the-art and Research Needs for Oil Spill Impact Assessment Modeling, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 601-653, 2009.

French McCay, D.P. and E. Graham, Guidance for Dispersant Decision-making: Potential for Impacts on Aquatic Biota, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 635-664, 2010.

French McCay, D.P., J.J. Rowe, and D. Schmidt Etkin, Transport and Impacts of Oil Spills in San Francisco Bay - Implications for Response, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 159-176, 2008.

French McCay, D.P., N. Whittier, and J.R. Payne, Evaluating Chemical Spill Risks to Aquatic Biota Using Modeling, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 243-272, 2008.

French McCay, D.P., C.J. Beegle-Krause, J.J. Rowe, W. Rodriguez, and D. Schmidt Etkin, Oil Spill Risk Assessment - Relative Impact Indices by Oil Type and Location, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 655-681, 2009.

French McCay, D., D. Reich, J. Rowe, M. Schroeder, and E. Graham, Oil Spill Modeling Input to the Offshore Environmental Cost Model (OECM) for US-BOEMRE's Spill Risk and Costs Evaluations, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 146-168, 2011.

French McCay, D., D. Reich, J. Michel, D. Schmidt Etkin, L. Symons, D. Helton, and J. Wagner, Oil Spill Consequence Analyses for Potentially-polluting Shipwrecks, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 751-774, 2012.

French McCay, D., J. Rowe, N. Whittier, and C. Santos, Modeling the M/T Prestige Oil Spill and Alternative Scenarios if Towed to a Port of Refuge, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 279-314, 2013.

French McCay, D., M. Schroeder Gearon, Y.H. Kim, K. Jayko, and T. Isaji, Modeling Oil Transport and Fate in the Beaufort Sea, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 40-64, 2014.

Fritt-Rasmussen, J., S. Wegeberg, D. Boertmann, D. Spelling Clausen, K. Lambert Johansen and A. Mosbech, Net Environmental Benefit Analysis as a Decision Tool for Greenlandic Oil Spill Response, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 765-776, 2013.

Fuhrer, M., L. Aprin, P. Slangen, and S. Le Floch, Chemicals Behaviour in the Seawater Column, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 104-115, 2012.

Goldthorp, M.D. and P.G. Lambert, Communicating Results in Real-time: Wireless Networking of On-site Instrumentation, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 661-670, 2008.

Goldthorp, M.D. and P.G. Lambert, Development of a Rapid Field Method for Determining Metals Contamination in Aqueous Samples, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 463-470, 2009.

Goldthorp, M.D., and P.G. Lambert, Building a Portable Response Capacity - Elements for the Selection Process, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 571-576, 2011.

Goldthorp, M.D., and P.G. Lambert, Assessing Current On-line Resources as Viable Tools for Site Safety Planning, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 126-184, 2012.

Goldthorp, M.D., P.G. Lambert, and C.E. Brown, An Overview of Environment Canada's New Mobile Laboratory for Environmental Emergencies, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 301-309, 2010.

Goldthorp, M., P.G. Lambert, and N. Jones, Environment Canada's Spill Response System: A 30 Year Retrospective, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 723-735, 2013.

Goldthorp, M., B. Fieldhouse, P.G. Lambert, C. Yang, and C.E. Brown, Oil Profiling Using Portable Instruments, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 401-414, 2014.

Gomez, S., B. Ivorra, A. Manuel Ramos, and R. Glowinski, Modeling, Simulation and Optimization of a Polluted Water Pumping Process in Open Sea, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 225-243, 2013.

Goncharov, V.K. and E.S. Zoueva, Oil Leakage from Seabed Pipeline Affect on Ice Cover, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 94-101, 2014.

Goodman, R.H., Research Needs, The Next Phase - Implementation, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 395-400, 2008.

Goodman, R.H., Why Does it Work, or Not Work?, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 515-520, 2009.

Goodman, R.H., How Large Does a Wave Basin Need to be to Simulate an Ocean for Oil Spill Research? It Depends, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 665-668, 2010.

Goodman, R.H., The Theology of Oil Spills, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 938-944, 2011.

Goodman, R.H., Oil Spill Mass Balance: Is it a Myth?, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 90-93, 2014.

Gratton, D. and J.E. Wilson, Challenges of a Response to a Sulphuric Acid Spill from a Train Derailment in a Remote Location, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 759-766, 2008.

Greenberg, B., X.-D. Huang, P. Gerwing, X.-M. Yu, P.-C. Chang, S.S. Wu, K. Gerhardt, J. Nykamp, X. Yu, and B. Glick, Phytoremediation of Salt-impacted Soils: Greenhouse and Field Trials Using Plant Growth Promoting Rhizobacteria (PGPR) to Improve Plant Growth and Salt Phytoaccumulation, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 627-637, 2008.

Greenberg, B., J. Gurska, X.-D. Huang, K. Gerhardt, X.-M. Yu, W. Wang, J. Nykamp, N. Knezevich, G. MacNeill, S. Yang, X. Lu, B. Glick, P. Gerwing, K. Cryer, and N. Reid, Use of a Multi-process Phytoremediation System for Decontamination of Petroleum Impacted Soils: Results of Successful Field Trials, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 615-626, 2008.

Greenberg, B.M., X.-D. Huang, K. Gerhardt, P. Mosley, X.-M. Yu, S. Liddycoat, X. Lu, B. McCallum, G. MacNeill, N. Knezevich, M. Hannaberg, P. Gerwing, T. Obal, and B. Chubb, Phytoremediation of Petroleum and Salt Impacted Soils: A Scientifically-based Innovative Remediation Process, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 420-433, 2012.

Greenberg, B.M., X.-D. Huang, P. Mosley, K. Gerhardt, X.-M. Yu, S. Liddycoat, X. Lu, B. McCallum, G. MacNeill, N. Kroetsch, M. Hannaberg, M. DiNino, N. Knezevich, P. Gerwing, M. Metzger, K. Cryer, A. Dunn, R. Minks, B. Chubb, M. Cojocar, H. Lord, and T. Obal, Phytoremediation of PHC and Salt Impacted Soil in Terrestrial and Riparian Environments - Remediation to Generic Tier 1 Guideline Values and Determination of Soil Toxicity, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 468-481, 2014.

Greer, C.W., J. Wyglinski, C. Michel, N. Fortin, S. Sanschagrin, A. Niemi, L.G. Whyte, T.L King, K. Lee, and E. Yergeau, Natural Attenuation Potential for Oil in Ice in the Canadian Arctic Marine Environment, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 665-680, 2014.

Grogan, A., M.J.F. Pulquério, M.J. Cruz, P. Oaten, R. Thompson, M. Grantham, T. Thomas, R. Atkinson, and A. Kelly, Factors Affecting the Welfare and Rehabilitation of Oiled Murrelets (*Uria aalge*) in England and Wales, UK, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 249-264, 2014.

Guyomarch, J. and S. Van Ganse, Determination of Polynuclear Aromatic Hydrocarbons in Seawater following an Experimental Oil Spill by Stir Bar Sorptive Extraction (SBSE) and Thermal Desorption GC-MS, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 181-187, 2010.

Guyomarch, J., S. Le Floch, and R. Jézéquel, Oil Weathering, Impact Assessment and Response Option Studies at the Pilot Scale: Improved Methodology and Design of a New Dedicated Flume Test, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1001-1017, 2012.

Hancock, J.R., and D.S.W. Froese, Development of a Rapid LC-MS Method for the Detection of Toxic Chemicals, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 548-561, 2011.

Hancock, J.R., and S.D. Huelin, Development and Application of an Attenuated Total Reflectance-Fourier Transform Infrared (ATR-FTIR) Library for Field Samples Contaminated with Chemical Warfare Agents and Related Compounds, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 304-315, 2012.

Hancock, J.R., C.R. Jackson Lepage, and M.J. Lukacs, GC-IR Analysis of Chemical Warfare Agents and Related Compounds, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 681-693, 2013.

Hansen, K.A., Research Efforts for Detection and Recovery of Submerged Oil, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1055-1069, 2010.

Hansen, K.A., Results for Oil-in-Ice Response Demonstration in the Great Lakes, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 916-930, 2013.

Hansen, K.A., J. Bello, S. Clauson, M.T. Eriksen, E. Maillard, R. Camilli, B. Bingham, J. Morris, and P.J. Luey, Preliminary Results for Oil on the Bottom Detection Technologies, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 713- 740, 2008.

Hansen, K.A., S.T. Trip, and R.L. Hansen, Evaluating Equipment for Responding to Oil Spills in Ice, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 681-691, 2014.

Hara, S., O. Miyata, M. Ono, H. Kifune, and S. Shimonishi, Heavy Fuel Oil Recovery from Underwater Tanks by High Frequency Induction Heating Method, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 902-915, 2013.

Hara, S., O. Miyata, M. Ono, H. Kifune, and S. Shimonishi, Recovery of Heavy Fuel Oil from Underwater Tanks by High Frequency Induction Heating Method: 2nd Report in Case of Pipe Heating with Viscous Oil, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 650-664, 2014.

Harold, P.D., D. Russell, A.S. de Souza, H. Brunt, and P. Louchart, Development of a Methodology for Prioritising Hazardous and Noxious Substances (HNS) Carried at Sea to Inform Public Health Emergency Planning and Preparedness, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 373-380, 2013.

Harrison, S., G. Thouin, N.J. Yanofsky, and K. Volchek, The Future of Chemical Decontamination: The Interface of Leading-edge Science and Multi-jurisdictional Response, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 535-544, 2008.

Harrison, S., G. Thouin, K. Volchek, and T.C. Lumley, Microtox Applications for the Development and Determination of Decontamination Standards for Remediation of Chemical Acts of Terrorism, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 219-232, 2009.

Hewlett, D.F., The UK's Approach to CBRN Decontamination, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 700-705, 2013.

Ho, S.-J. and C.-Y. Wang, Study of N-Alkanes as Identification Indicators for Oil in Moderate and Heavy Weathering Experiments, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 193-198, 2013.

Hoffmann, C., T.J. Nedwed, T.S. Coolbaugh, C.A. Huber, and B. Fritz, Wind-tunnel Tests and Modeling Indicate that Aerial Dispersant Delivery Operations are Highly Accurate, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 365-382, 2009.

Hollebone, B.P. and Z. Yang, Biofuels in the Environment: A Review of Behaviours, Fates, Effects and Possible Remediation Techniques, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 127-139, 2009.

Hollebone, B.P., N. Ho, M. Landriault, S. Harrison, K.G. Doe, and P.M. Jackman, Acute Aqueous Toxicities of Diesel-Biodiesel Blends, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 297-308, 2008.

Hollebone, B.P., C. Yang, M. Landriault, Z.D. Wang, W. Kuang, G. Poole, S. Laforest, and M.-P. Raymond, Rapid Identification of Combustion Residues of Preserved Wood Fires: Case Study of a Pier Fire in Mingan, QC, Canada, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 977-989, 2010.

Hollebone, B.P., B. Fieldhouse, G.A. Sergy, P.G. Lambert, Z.D. Wang, C. Yang, M. Landriault, E.H. Owens and H.A. Parker, The Behaviour of Heavy Oil in a Fresh Water Lake, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 668-709, 2011.

Holth, T.F., D.P. Eidsvoll, E. Farnen, C. Martinez-Gomez, H. Budzinski, T. Burgeot, L. Guilhermino, and K. Hylland, Toxicological Profiling of Water-soluble Fractions of Crude Oil and Diesel in Atlantic Cod (*Gadus morhua*), *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 37-48, 2012.

Hospital, A. and J.A. Stronach, The Implementation of Molecular Diffusion to Simulate the Fate and Behaviour of a Diluted Bitumen Oil Spill and its Application to Stochastic Modelling, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 353-373, 2014.

Irving, P., Australian Revised National Plan Policy and Process for the Recognition, Application and Monitoring of Oil Spill Control Agents, Including Dispersants, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 797-808, 2013.

Jézéquel, R., J. Lebastard, and F.-X. Merlin, Influence of Weathering of Heavy Fuel Oil on High-pressure Washing Efficiency with and without Cleaning Agent, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 177-193, 2009.

Jézéquel, R., and F.-X. Merlin, Influence of the Nature and the Weathering of Oil on Surfwashing Efficiency: Experimental Study with the Shoreline Bench, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 49-58, 2012.

Jézéquel, R., R. Simon, and V. Pirot, Development of a Burning Bench Dedicated to In Situ Burning Study: Assessment of Oil Nature and Weathering Effect, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 555-566, 2014.

Jing, L., B. Chen, and B. Zhang, A Stochastic Simulation-based Hybrid Interval Fuzzy Programming (SHIFP) Approach for Optimizing the Treatment of Recovered Oily Water in Harsh Environments, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 460-471, 2012.

Jing, L., B. Chen, B. Zhang, and J. Zheng, The Effects of Salinity and Temperature on the Photolysis of Naphthalene Using UVC Irradiation, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 591-600, 2013.

Johansen, Ø., H. Rye, and I. Durgut, Generalized Integral Plume Model for Simulations of Marine Discharges, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 863-878, 2010.

Jürgensen, C., A. Lentz, and P.S. Poulsen, The BRISK Project: Novel Risk Assessment for the Baltic Sea, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 777-796, 2013.

Kalogerakis, N., and E. Manousaki, Halophytes Present New Opportunities in Phytoremediation Applications, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 91-103, 2012.

Kalogerakis, N., M. Nikolopoulou, P. Eickenbusch, and N. Pasadakis, Autochthonous Bioaugmentation Coupled with Biostimulation Represents an Effective Strategy to Combat Marine Oil Spills, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 606-616, 2012.

Kalogerakis, N., S. Kiparissis, E. Yiantzi, T. Perraki, G.C. Kalogerakis, S. Fodelianakis, F. Fava, and E. Psillakis, PCBs and PAHs on Plastic Pellets and Microplastics Collected on the Coastline of the Island of Crete in the Eastern Mediterranean Sea - Monitoring and Fate, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 175-183, 2014.

Kalogerakis, N., M. Nikolopoulou, P.F.-X. Corvini, and F. Aulenta, Recent Advances of EU's FP 7 Project KILL-SPILL - Integrated Biotechnological Solutions for Combating Marine Oil Spills, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 455-467, 2014.

Kanan, R., H. Budzinski, K. LeMenach, J.T. Andersson, and S. LeFloch, Chemical Characterization of Oil-Water Systems Using Stir Bar Sorptive Extraction (SBSE)-Thermal Desorption (TD)-Gas Chromatography-Mass Spectrometry (GC/MS), *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 994-1000, 2012.

Kanan, R., S. LeFloch, J.T. Andersson, K. LeMenach, and H. Budzinski, Extraction of Polycyclic Aromatic Hydrocarbons (PAHs), Polycyclic Aromatic Sulfur Heterocycles (PASHs) and Alkylated Derivatives from Seawater using Solid-phase Microextraction (SPME)-Gas Chromatography/Mass Spectrometry (GC/MS), *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 928-940, 2012.

Kanan, R., J.T. Andersson, J. Receveur, J. Guyomarch, S. LeFloch, and H. Budzinski, and Quantification of Polycyclic Aromatic Compounds (PACs) and Alkylated Derivatives by Gas Chromatography/Tandem Mass Spectrometry (GC/MS/MS) to Qualify a Reference Oil, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 916-927, 2012.

Kelly-Hooper, F., A.J. Farwell, D.G. Dixon, G. Pike, J. Kennedy, and Z.D. Wang, F2:F3b Ratio and BOC-adjusted PHC F3 Concentration: A Mathematical Approach to Resolving False Detections of Crude Oil and Diesel Drilling Waste Petroleum Hydrocarbons in Clean Soils and Compost, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 154-182, 2013.

Kerambrun, L., G. Cariou, and F. Laruelle, The *TK BREMEN* Incident. Surfwashing Operations as a Clean-up Strategy to Prevent Oil Entering a Small Estuary, the Etel Ria (France), *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 713-720, 2014.

Ketcheson, K.J. and J. Shrives, Comparison of Threshold Quantities for Substances with Final AEGL-2 and IDLH Values under CEPA's Environmental Emergency Regulations, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 843-861, 2010.

Ketcheson, K.J., Updating the Science for the Environmental Emergency Regulations, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 185-210, 2012.

Khelifa, A., A Summary Review of Modelling Oil in Ice, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 587-608, 2010.

Khelifa, A. and L.L.C. So, Effects of Chemical Dispersants on Oil-Brine Interfacial Tension and Droplet Formation, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 383-396, 2009.

Khelifa, A. and C.E. Brown, Fate of Oil-SPM Aggregates in the St. Lawrence Estuary, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 609-622, 2010.

Khelifa, A., C.E. Brown, M. Chun, and J.L.E. Eubank, Physical Properties of Oil-SPM Aggregates: Experiments with the NIST Standard Reference Material 1941b, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 35-51, 2008.

Khelifa, A., D.M. Charron, T.-S. Tong, and N.R. Singh, Effects of Chemical Dispersants on Oil-Brine Interfacial Tension and Droplet Formation: New Results Using New High Resolution Imaging Setup and Weathered Oils, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 865-879, 2011.

Kim, M., U.H. Yim, S.H. Hong, J.-H. Jung, J. Woo, J. An, H.-W. Choi, and W.J. Shim, On-site Monitoring of *Hebei Spirit* Oil Spill by Fluorometric Detection of Oil Residues in Coastal Waters off Taean, Korea, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 817-835, 2009.

Kuang, W., K. Li, and C.E. Brown, Detection of Pesticide Vapour in Headspace of Contaminated Building Materials, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 215-223, 2008.

Kuang, W., K. Volchek, K. Li, C.E. Brown, and M.Y. Miah, Development of an Analytical Protocol for the Analysis of Cesium Adsorption on Building Materials, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 562-570, 2011.

Kuang, W., K. Volchek, V. Blinov, P. Azmi, C.E. Brown, G.G. Kagramanov, and S. Mortazavi, Minimization of Radioactive Liquid Wastes after Building/Area Decontamination Operations: A Scoping Study, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 294-303, 2012.

Kukla, A.L., A.S. Pavluchenko, Yu.V. Goltvianskyi, O.O. Soldatkin, and V.M. Arkhypova, Express Monitoring of Overall Toxicity and Separate Chemicals in Water Solutions with the ISFET Arrays, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 966-975, 2011.

Kuroda, T., T. Majima, R. Kojima, and S. Hara, Outline of Decision-making Process Tool for Oil Pollution on GIS (DOG), *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 361-372, 2008.

Laforest, S., M.-P. Raymond, and B.P. Hollebhone, Environmental Impacts of Combustion Residue following the Burning of a Wharf Composed of Preserved Wood: Mingan, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 991-1000, 2010.

Laforest, S., J. Duffe and A.-M. Demers, The Evolution and First Results of the Emergency Spatial Pre-SCAT for Arctic Coastal Ecosystems (eSPACE) Project, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 653-657, 2012.

Laforest, S., P.G. Lambert, J. Duffe, L. Gamble, B. Chaudhary, and C.E. Brown, Studies on the Fate and Behaviour of Diluted Bitumen on Marine Shorelines, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 415-427, 2014.

Lamarche, A., Adaptability and Flexibility: Keys Towards Successful SCAT Data Management, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 601-614, 2008.

Lamarche, A. and V. Martin, Managing Shoreline Assessment Data during the Lake Wabamun Incident, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 189-206, 2010.

Lamarche, A., S. MacDonald, and S. Grenon, Development of a Google Earth Based Contingency Planning Support System, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 809-817, 2013.

Lambert, P.G., M.D. Goldthorp, B.G. Fieldhouse, and C.E. Brown and Y. Lanthier, A Summary of ExIT08/Sea Barrier - A CRTI Counter-terrorism Exercise, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 475-493, 2008.

Lambert, P.G., M.D. Goldthorp, B.G. Fieldhouse, K. Li, M. Landriault, F. Gauthier and M. Dussault, A Case Study of Recent CRTI Counter-terrorism Exercises, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 253-264, 2009.

Lambert, P.G., C.E. Brown, M.D. Goldthorp, K. Li, B. Fieldhouse, B.P. Hollebhone, C. Yang, and M. Landriault, Chemical Science Support to the National CBRNE Response Team, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 327-339, 2010.

Lambert, P.G., M.D. Goldthorp, M. Landriault, K. Li, C.E. Brown, and R. Wheeler, A Summary of Environment Canada's Scientific Support during Major Events, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 591-602, 2011.

Lambert, P.G., M.D. Goldthorp, K. Volchek, C.E. Brown, F. Scaffidi, K. Corriveau, S. Lavigne, R. Morris, M. McCall, and P. Butler, The Assessment and Remediation of Areas Impacted by a Terrorist Incident - The Role of the Private Sector, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 226-233, 2012.

Lambert, P.G., M. Goldthorp, N. Jones, C. Yang, and C.E. Brown, Environment Canada - A Decade of Operational Support to CBRNE Events, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 122-136, 2014.

Lambton, J.W. (Ian), Spill Response on Rivers, Lakes and Sheltered Marine Waters: An Alternative Approach, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 692-699, 2014.

Leadlay, H., and P.G. Lambert, Responding to the Spill before it Happens - The Value of Participating in Environmental Assessment, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 798-804, 2012.

LeClair, J., R. Pelot, and F. Xu, A Spatial Risk Analysis Framework for Effective Oil Spill Response Planning, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 475-504, 2010.

Lee, S., E. Gibb Snyder, J. Barzyk, J. McGee, and A. Koenig, Experimental Approaches to Assessing the Impact of a Cesium Chloride Radiological Dispersal Device, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 415-428, 2008.

LeFloch, S., and S. Van Ganse, Assessment of Dissolution Kinetics and Buoyant Velocity of Two Different Gases in a Five-meter High Seawater Column, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 37-45, 2013.

LeFloch, S., M. Fuhrer, F.-X. Merlin, L. Aprin, and P. Slangen, M. Mouries, and A. Laflamme, Fate of a Xylene Slick at Sea and Influence of Meteorological Conditions, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 941-956, 2010.

LeFloch, S., M. Dussauze, N. Lefloch, F.-X. Merlin, M. Theron, and K. Pichavant-Rafini, Toxicity of Oil-Dispersant Mixtures on Juvenile Sea Bass (*Dicentrarchus labrax*), *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 423-432, 2013.

LeFloch, S., S. Van Ganse, R. Mauge, and A. Laurent, Influence of Dispersant Addition on the Rise of Oil Droplets Contribution to Modelling, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 315-325, 2013.

Lehr, W.J., Visual Observations and the Bonn Agreement, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 669-678, 2010.

Lehr, W.J., An Informal Sensitivity Analysis for Oil Spill Fate and Behavior Model Development, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 199-206, 2013.

Lehr, W.J., D. Simecek-Beatty, and J. Muhasky, Modeling Fire and Explosive Risk in ALOHA, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 225-242, 2008.

Lehr, W.J., A.J. Mearns, and N. Rutherford, Ecological Risk Assessment Approach to Oil Spill Response, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 571-576, 2009.

Lehr, B., D. Simecek-Beatty, and I. Leifer, Calculating Surface Oil Volume during the Deepwater Horizon Spill, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 259-269, 2011.

Lehr, W.J., and D. Schmidt Etkin, Ecological Risk Assessment Modelling in Spill Response Decisions, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 667-674, 2012.

Lehr, W.J., D. Simecek-Beatty, A. Aliseda, and M. Boufadel, Review of Recent Studies on Dispersed Oil Droplet Distribution, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1-8, 2014.

Leifer, I., R. Clark, G. Swayze, C. Jones, B. Holt, and J. Svejksky, Satellite and Airborne Oil Spill Remote Sensing: State of the Art and Application to the BP Deepwater Horizon Oil Spill, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 270-295, 2011.

Leonov, A.V., O.V. Chicherina, and D.Y. Fashchuk, Mathematical Modeling of Biotransformations of Oil Hydrocarbons in the Marine Environment of Karkinitshii Bay in the Black Sea, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 777-802, 2008.

Leonov, A.V., O.V. Chicherina, and L.V. Semenyak, Pollution of Caspian Sea Waters and its Tributaries by Oil Hydrocarbons and their Degradation in Marine Environment: Assessment with the Help of Mathematical Modeling, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 707-734, 2012.

Lévesque, J., Aerial Detection of Surface Unexploded Explosive Ordnance (UXO) in the Mid- and Long-wave Infrared, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 915-929, 2010.

Levin, I.M., T.M. Radomyslskaya, V.J. Osadchy, N.N. Rybalka, I.V. Aleshin, V.K. Goncharov, N.Y. Klementieva, J. Zhou, and Z. Li, Possibility of Oil Film Detection on the Ice Cover of the Sea Surface, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 781-789, 2009.

Li, K. and C.E. Brown, Evaluation of a Bench Top GC/Ion Trap System with a Multi-mode Sampler, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 187-204, 2008.

Li, K. and C.E. Brown, Rapid Screening of Toxic Industrial Chemicals by Headspace SPME with Microwave Heating, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 423-436, 2009.

Li, K. and C.E. Brown, Rapid Screening of PAHs in Water Using SPME Concentration and GCMSMS Analysis, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 101-116, 2011.

Li, K., C. Yang, M. Landriault, and C.E. Brown, Non-intrusive Identification of Unknown Toxic Industrial Chemicals by Headspace SPME with Microwave Heating, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 311-325, 2010.

Li, P., B. Chen, B. Zhang, L. Jing, and J. Zheng, Development of a Multiple-stage Simulation Based Mixed Integer Nonlinear Programming Approach for Supporting Offshore Oil Spill Recovery, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 434-447, 2012.

Lieske, D.J., M. Mahoney, S.I. Wilhelm, L. Weir, and P. O'Hara, Eyes in the Sky: A Comparative Spatial Analysis of Aerial and Satellite Surveillance of East Coast Canadian Oil Pollution, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 244-258, 2011.

Liu, B., J. Zheng, B. Chen, and B. Zhang, A Preliminary Study on Nano-catalyst Enhanced Heterogeneous Photodegradation of Polycyclic Aromatic Hydrocarbons (PAHs) in Produced Water, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 618-628, 2013.

Liu, S. and Y. Gao, Emergency Management Systems Using Event-driven GIS, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 405-414, 2008.

Logerwell, E.A., and M. Campbell Baker, A Conceptual Model for Determining Oil Fate and Effects on Habitat and Wildlife in the Arctic in Support of Natural Resource Damage Assessment Planning, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 759-785, 2011.

Lukacs, M.J., and C.R. Jackson Lepage, SPME Sample Screening Method: Application to Riot Control Agents in a Mobile Chemical Laboratory, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 577-590, 2011.

Ma, Q., Z. Li, and Z. Yu, Research on Weathering and Biomarkers in Heavy Fuel Oil, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 69-77, 2008.

Mabile, N., Controlled In-situ Burning: Transition from Alternative Technology to Conventional Spill Response Option, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 584-605, 2012.

Malov, A.M., Mercury Pollution in the Ground of Saint-Petersburg, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 671-677, 2008.

Martin, G.B., D.B. Mickunas, S. Ryan, S. Fredericks, D. Mattorano, T. Zimmer, D. Zuroski, J.Y. Mason, K. Cavanagh, D. Dechant, L. Brooks, T. Intrepido, J. Kowalski, and T. Leighton, Field Experience with Chlorine Dioxide Fumigation of a Hospital: Timeline and Lessons Learned, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, pp. 429-448, 2008.

Massoura, S.T., Shoreline Clean-up Methods: Biological Treatments, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 245-257, 2010.

Mayer, M., Liquid Phase Effectiveness Testing of Decontaminant Solutions by Direct Injection and Analysis Using LC-MS/MS, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 54-73, 2011.

McCullough, R., M. Doucet, C. Hintz, G. Milne, and L. Miskolzie, Successful Response and Remediation of a Remote Crude Oil Release in the Canadian North, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 818-827, 2013.

McFarlin, K.M., R.A. Perkins, W.W. Gardiner, and J.D. Word, Evaluating the Biodegradability and Effects of Dispersed Oil Using Arctic Test Species and Conditions: Phase 1 Activities, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1243-1251, 2010.

McFarlin, K.M., R.A. Perkins, W.W. Gardiner and J.D. Word, Evaluating the Biodegradability and Effects of Dispersed Oil Using Arctic Test Species and Conditions: Phase 2 Activities, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 729-737, 2011.

McFarlin, K.M., R.A. Perkins, M.B. Leigh, and J.Q. Word, The Effects of Crude Oil and Corexit 9500 on the Indigenous Arctic Microbial Community, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 31-36, 2012.

McFarlin, K.M., R.A. Perkins, and M.B. Leigh, Oil Biodegradation by Arctic Marine Microorganisms, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 494-505, 2014.

Merlin, F.-X., S. LeFloch, M. Dussauze, M. Théron, C. Quentel, and H. Thomas, Discobiol Program: Investigation of Dispersant Use in Coastal and Estuarine Waters, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1267-1278, 2010.

Meyer, P., W.T. Schmidt, J.-E. Delgado, D.S. DeVitis, S.G. Potter, E. Haugstad, and M. Crickard, Application of the American Society of Testing Materials' (ASTM) New Skimmer Test Protocol, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 323-336, 2009.

Meyer, P., B. Schmidt, D. DeVittis, and J.-E. Delgado, High Capacity Advancing Oil Recovery System Performance Testing at Ohmsett for the Wendy Schmidt Oil Cleanup X CHALLENGE, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 551-563, 2012.

Meyer, P., A. Guarino, B. Schmidt, and J.-E. Delgado, Recent Testing, Training and Research Conducted at Ohmsett: The National Oil Spill Response Research and Renewable Energy Test Facility, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 855-870, 2013.

Mickunas, D.B., Using the Trace Atmospheric Gas Analyzer (TAGA) Mobile Laboratory to Resolve Vapor Intrusion Issues - Interpretation of Multiple Lines of Evidence for Vapor Intrusion, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 879-913, 2010.

Mickunas, D.B., Utilizations of the United States Environmental Protection Agency Environmental Response Team's Mobile Trace Atmospheric Gas Analyzer Laboratories to Address Environmental Issues, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 216-231, 2014.

Mickunas, D., and S. Blaze, Using a Novel Field Analytical Technique to Address Vapor Intrusion Issues in an Accurate, Rapid, and Cost Effective Manner, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 652-667, 2011.

Mickunas, D. and S. Blaze, Utilizing the Trace Atmospheric Gas Analyzer (TAGA) Laboratory's Gas Chromatograph/Mass Spectrometer Fitted with a Loop Injection Introduction System to Provide Rapid Analytical Information of Sub-slab Soil Gas Samples Collected in Tedlar Bags to Direct Subsurface Remediation Efforts for Volatile Organic Compounds below Large Structures, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 706-714, 2013.

Mickunas, D.B., S. Blaze, J. Wood, S. Thompson, W. Weeks, and O. Chubatyy, Utilizing a Trace Atmospheric Gas Analyzer (TAGA) Triple Quadrupole Mass Spectrometer Technology Mounted on a Moveable Platform to Provide Indoor Air Concentrations throughout a Structure before and after a Chlorine Dioxide Fumigation, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 457-473, 2008.

Mickunas, D.B., J. Wood, and W. Weeks, Real-time Ambient Air Monitoring Adjacent to the Houston Ship Channel for Volatile Organic Compounds Associated with the Refinery Operations Using the Trace Atmospheric Gas Analyzer (TAGA), *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 471-484, 2009.

Mickunas, D.B., S. Blaze, and D. McCall, Advancing the Trace Atmospheric Gas Analyzer (TAGA) Triple Quadrupole Mass Spectrometer Fitted with an Atmospheric Pressure Chemical Ionization (APCI) Source to Provide Analytical Assistance for a Chemical Warfare Agent (CWA) Release, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 211-225, 2012.

Mitchell, J.B.A., Soot Emission Reductions during In Situ Burning, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 567-573, 2014.

Moles, A., Behavioural Response of Pink Salmon Fry *Oncorhynchus gorbuscha* to Fresh, Weathered, and Dispersed Crude Oil, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 837-847, 2009.

Mora, D., An Estimate of On-water Mechanical Response Capacity in Washington State: A Consideration of Environmental and Operational Factors, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 553-569, 2009.

Muldoon, J. and L.L. Schramm, Gunnar Uranium Mine Remediation PROJECT, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 383-403, 2010.

Mullin, J.V., D.S. DeVitis, A. Guarino, P. Meyer, and J.-E. Delgado, Recent Testing, Training and Research Conducted at Ohmsett - The National Oil Spill Response Test Facility, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 337-350, 2008.

Musk, S., Trends in Oil Spills from Tankers and ITOPF Non-tanker Attended Incidents, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 775-797, 2012.

Myers, J., K. Thomas, J. Macleod, and S. Dunn, Modifications to the SCAT Procedure for Diesel Spills, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 428-440, 2014.

Nabakhtiani, G., A. Chiragadze, and Z. Buachidze, Development of Complex Methods of Stabilization or Uptake of Radioactive Cs from Contaminated Soils (Fukushima Case), *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 694-699, 2013.

Nand Jha, M., Y. Gao, and J. Levy, An Analysis of Oil Spill Detection Algorithms Using Laser Fluorosensor Data, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 741-757, 2008.

Nedwed, T.J., L. Srnka, and H. Thomann, Remote Detection of Oil Spilled under Ice and Snow Using Nuclear Magnetic Resonance, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 693-702, 2008.

Nedwed, T.J., T. Coolbaugh, and A. Tidwell, Subsea Dispersant Use during the Deepwater Horizon Incident, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 506-518, 2012.

Nedwed, T.J., G.L. Ghurye, A.C. Tidwell and (Late) G.P. Canevari, Effect of Salinity and Viscosity on Crude Oil Dispersion, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 610-616, 2014.

Nemirovskaya, I.A. and V. Shevchenko, Organic Compounds and Suspended Matter in the White Sea Snow-Ice Cover, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 147-157, 2008.

Nemirovskaya, I.A., and M. Kravchishina, The Genesis of Hydrocarbons in the Area of the Ob' River Mouth (Kara Sea), *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1305-1313, 2010.

Nemirovskaya, I.A., V. Shevchenko, and M. Kravchishina, Hydrocarbons in Particulate Matter and Bottom Sediments of the White Sea, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 849-867, 2009.

Nemirovskaya, I.A., Z.Yu. Redzhepova, V.V. Sivkov, A.I. Travkina, and Z.I. Verhovskaya, Peculiarities in Distribution of Hydrocarbons in the South-eastern Part of the Baltic Sea (Region of the Kravtsovskoe Offshore Oilfield), *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1027-1037, 2012.

Nemirovskaya, I.A. and A.V. Travkina, Peculiarities in the Distribution and Composition of Hydrocarbons in the Bottom Sediments of the South-East Part of the Barents Sea (Shtokman Deposit), *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 899-908, 2014.

Ngassoum, M.-B., and P.Z. Bil'o'o, Characterization of Polycyclic Aromatic Hydrocarbons (PAHs) in Oily Sludge from Cameroon Petroleum Refinery, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 417-425, 2011.

Ngassoum, M.-B., R.R. Kom, and A. Mbawala, Naphthalene Biodegradation by Microbial Consortia Isolated from Soils in Ngaoundéré, Cameroon, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 976-984, 2011.

Nickerson, S., J. Komaromi, M.-P. Raymond, M. Deschenes, and S. Laforest, Sensitivity Mapping along the Canadian National Railway Corridor: A Partnership between Environment Canada and Canadian National Railway, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 463-474, 2010.

Nijkamp, H., P. Kelway, S. Sessions, C. Velter, and R. Holland, The Quality of Oiled Wildlife Response Preparedness from a Global Perspective, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 232-241, 2014.

Niu, H., and K. Lee, Modeling the Transport of Contaminants Associated with the Discharged Produced Water from the Terra Nova Floating Production Storage Offloading (FPSO), *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 354-372, 2013.

Niu, H., Z. Li, K. Lee, P. Kepkay, and J.V. Mullin, Lagrangian Simulation of the Transport of Oil-Mineral-Aggregates (OMAs) and Assessment of their Potential Risks, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 705-721, 2009.

Niu, H., Z. Li, K. Lee, P. Kepkay, and J. V. Mullin, The Effects of Waves and Currents on the Transport of Oil-Mineral Aggregates (OMAs) and their Potential Risks to Benthic Organisms, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 623-634, 2010.

Niu, H., Z. Li, K. Lee, M. Reed, and J.V. Mullin, Sensitivity of a Deepwater Blowout Model to Oil Droplet Size Distribution, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 189-200, 2011.

O'Hara, P., S. Boyd and W.R. Crawford, Integrating the Coriolis Effect in Trajectory Models Used for Estimating Seabird Mortality Attributable to Illicit Ship-source Oily Discharges Occurring Offshore of British Columbia, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 675-688, 2012.

Øksenvåg, J.H.C., B. Brørs, and E.H. Owens, Ice Formation on Shorelines - Observation Study and Modelling, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 141-154, 2009.

Owens, E.H., Shoreline Response and Long-term Oil Behaviour Studies following the 1970 Arrow Spill in Chedabucto Bay, NS, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 207-221, 2010.

Owens, E.H., R.C. Prince, and R.B. Taylor, Natural Attenuation of Heavy Oil on a Coarse Sediment Beach: Results from Black Duck Cove, Nova Scotia, Canada over 35 Years following the Arrow Oil Spill, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 585-599, 2008.

Owens, E.H., E. Taylor, K. O'Connell, and C. Smith, Waste Management Guidelines for Remote (Arctic) Regions, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 155-166, 2009.

Page, D.S., P.D. Boehm, and J.M. Neff, Shoreline Type and Subsurface Oil Persistence in the Exxon Valdez Spill Zone of Prince William Sound, Alaska, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 545-563, 2008.

Palandro, D., T. Nedwed, L. Srnka, H. Thomann, and E. Fukushima, Using Nuclear Magnetic Resonance in the Earth's Magnetic Field to Detect Oil under Ice, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 515-521, 2013.

Parker, H.A., A. Drinkwater, M. Drumm, D. Reid, and G.A. Sergy, The Environmental Unit in the CANUSDIX/CANUSPAC 2009 Exercise: Lessons Learned and Next Steps, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 259-272, 2010.

Parthenay, V., Y.-H. Hellouvy, A. Laurent, S. Le Floch, S. Van Ganse, G. Blanchetière and M. Mouriès, METANE: An Integrated Project to Model Underwater Gas/Oil Blowouts and LNG Leaks, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 102-121, 2014.

Payne, J.R., W.B. Driskell, and D. Janka, A Possible Source for Dissolved-phase PAH Signals Observed in Mytilus Samples throughout Prince William Sound, Alaska, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 101-126, 2010.

Pearson, L.A., Planning for Safe Shipping in the Bering Strait, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 525-536, 2014.

Pearson, L.A., J. Brown, G. Folley, T.L. Robertson, and B.F. Bryant, Emergency Towing Systems for the Aleutian Islands, Alaska, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 537-542, 2009.

Pearson, L., T.L. Robinson, I. Rosen, E. DeCola, The Alaska North Slope Spills Analysis, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 880-899, 2011.

Perkins, R.A., To Pull or Not to Pull: Risk Management of Creosote Piles in Marine Waters, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 285-296, 2008.

Perkins, R.A. and R.J. Bullock, Indigenous Communities Participation in Environmental Decisions, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 925-940, 2014.

Péron, O., F.-X. Merlin, and S. LeFloch, Hazardous and Noxious Substances (HNS) Spills: Evaporation and Dissolution of Styrene and Vinyl Acetate Spilled in Sea Water, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 124-133, 2011.

Phillips, P.T. and D.R. Kindig, An Evaluation of a Vegetative Bio-reactive Landfill Cover System as an Alternative for Municipal Landfills, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 405-427, 2010.

Potter, S.G. and I.A. Buist, In-situ Burning in Arctic and Ice-covered Waters: Tests of Fire-resistant Boom in Low Concentrations of Drift Ice, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 743-754, 2010.

Potter, S.G., I.A. Buist, B.K. Trudel, R.C. Belore, D. Dickins, P. Devenis, Beaufort Sea Oil Spills State-of-knowledge Review and Identification of Key Issues, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 900-905, 2011.

Potter, S.G., I.A. Buist, B.K. Trudel, R.C. Belore, D. Dickins, P. Devenis, Beaufort Sea Oil Spills State-of-knowledge Review and Identification of Key Issues, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 900-905, 2011.

Potter, S., J. Marty, and M. Wallace, Risk Assessment for Marine Spills in Canadian Waters, Phase 1: Oil Spills South of the 60th Parallel, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 537-552, 2014.

Poulin, I., In-situ Remediation Strategy Applied to Military Firing Positions Contaminated with Energetic Materials, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 367-381, 2010.

Provost, L., Canada-United States Joint Inland Pollution Contingency Plan (Revised, 2009) , *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 841-842, 2010.

Quintin, K., A. Laflamme, J. Lamoureux, R. Rousseau, M. Gaillard, and S. Le Floch, and Understanding Chemical Pollution at Sea: A Learning Package, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 116-125, 2012.

Quintin, K., S. LeFloch, J. Lamoureux, and A. Laflamme, Understanding Chemical Pollution at Sea - A New Website, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 390-398, 2013.

Quintin, K., S. Ravailleau, and F. Cabioch, Cedre Chemical Response Guides, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 381-389, 2013.

Ramstad, S., B.H. Hansen, P.S. Daling, M. Frenzel, J.H.C. Øksenvåg, and F.-X. Merlin, Development of Test Protocols for Effectiveness Testing and Working Mechanisms for Shoreline Cleaning Agents, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 223-244, 2010.

Raymond, M.-P., S. Laforest, and J. Davignon, Management and Impacts of a Poulin, I., In-situ Remediation Strategy Applied to Military Firing Positions Contaminated with Energetic Materials, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 367-381, 2010.

Raymond, M.-P., S. Laforest, and J. Davignon, Management and Impacts of a Bunker Spill in the Saint Lawrence Seaway, Sainte-Catherine, Quebec, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 945-954, 2011.

Raymond, M.-P., S. Laforest, and J. Davignon, Gestion et impacts du déversement de mazout dans la Voie Maritime du Saint-Laurent, à Sainte-Catherine, Québec, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 955-965, 2011.

Reardon, J. and E.J. O'Donnell, Prediction of Soil Heating Resulting from Oil Spill In-situ Burning, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 888-901, 2013.

Reich, D., R. Balouskus, D. French McCay, D. Schmidt Etkin, J. Michel, and J. Lehto, An Environmental Vulnerability Model for Oil Spill Risk Analyses: Examples from an Assessment for the State of Alaska, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 65-89, 2014.

Rengasamy, R.S., D. Das, and S. Renuka, Nonwoven Oil Sorbing Pads from Sustainable Fibrous Materials for Marine Oil Spill Removal, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 700-712, 2014.

Richards, P., C. Gauchotte-Lindsay, R.M. Kalin, L. McGregor, H. Keenan, R. Thomas, and P. Daly, Analysis of Coal Tar Components for Coal Source, MGP Process and Post-formation Alteration Chemical Markers, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 341-353, 2011.

Robertson, G.J., F.K. Wiese, P.C. Ryan, and S.I. Wilhelm, Updated Numbers of Murre and Dovekies Oiled in Newfoundland Waters by Chronic Ship-source Oil Pollution, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 265-275, 2014.

Rocheleau, S., M. Sarrazin, S. Dodard, C. Beaulieu, J. Hawari, B.P. Hollebone, Z. Yang and G. Sunahara, Ecotoxicity of Canola and Tallow Biodiesel Blends to Selected Soil Organisms, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1-12, 2012.

Schlieps, J., Challenges in a Multi-species Wildlife Response, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 289-296, 2014.

Schmidt, W.T., P. Meyer, and J.-E. Delgado, Recent Testing, Training, and Research Conducted at Ohmsett - The National Oil Spill Response Research and Renewable Energy Test Facility, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1135-1155, 2010.

Schmidt, B., P. Meyer, and S. Potter, Testing of Oil Recovery Skimmers in Ice at Ohmsett: The National Oil Spill Response Research and Renewable Energy Test Facility, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 721-735, 2014.

Schmidt Etkin, D., 40-Year Analysis of US Oil Spillage Rates, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 505-527, 2010.

Schmidt Etkin, D., Worldwide Analysis of In-port Vessel Operational Lubricant Discharges and Leakages, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 529-553, 2010.

Schmidt Etkin, D., Development of a Quantitative Risk Model for Inland Facility and Pipeline Spills, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 735-750, 2012.

Schmidt Etkin, D., Risk of Crude Oil and Bitumen Pipeline Spills in the United States: Analyses of Historical Data and Case Studies (1968-2012), *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 297-316, 2014.

Schmidt Etkin, D., D.P. French McCay, J. Michel, M.C. Boufadel, and H. Li, Development of a Practical Methodology for Integrating Shoreline Oil-holding Capacity into Modeling, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 565-583, 2008.

Schmidt Etkin, D., D.P. French McCay, and J.J. Rowe, Effectiveness of Larger-area Exclusion Booming to Protect Sensitive Sites, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 177-185, 2008.

Schmidt Etkin, D., D.P. French McCay, C.J. Beegle-Krause, C. Moore, and K. Michel, Oil Spill Risk Assessment - Probability and Impact Analyses with Future Projections, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 683-704, 2009.

Schmidt Etkin, D., T. Reilly, and D.P. French McCay, State-of-the-art Risk-based Approach to Spill Contingency Planning and Risk Management, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 906-927, 2011.

Schmidt Etkin, D., D.B. Culpepper, and L. Martinez, Application of Some Remote Sensing Techniques for Oil Spill Monitoring, Response, and Planning, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 522-538, 2013.

Selleck, J.M., Hazmat Incident at Mile Marker 255, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1001-1015, 2010.

Sergy, G.A., The Environment Canada Standard Shoreline Classification Scheme for SCAT and Oil Spill Response in Canada, *Proceedings of the Thirty-first AMOP Technical Seminar*, Environment Canada, Ottawa, ON, p. 811-818, 2008.

Sergy, G.A. and E.H. Owens, Indices to Rate the Degree of Oiling on Shorelines, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 167-175, 2009.

Sergy, G.A., A. Lamarche, E.H. Owens, P.D. Reimer, and L. Zrum, SCAT Shoreline and Nearshore Surveys following the Lake Wabamun Oil Spill, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 710-728, 2011.

Serra-Sogas, N., N. Edwards, K. Pearce, D.J. Lieske, R.C. Hilliard, Oil in Canadian Waters: Assessing NASP Surveillance Effort on Canada's Coasts, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 229-243, 2011.

Serra-Sogas, N., S. Blazey, R. Canessa, P. O'Hara, and S. Bertazzon, Oil in Canadian Waters: Identifying Significant Ecological Areas Vulnerable to Chronic Oil Pollution in Canada's Coasts, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 852-867, 2012.

Shang, D. and B. McPherson, Integrated Gas and Liquid Chromatography Tandem Mass Spectrometry for Forensic Engine Lubricating Oil Identification, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 51-66, 2009.

Shang, D. and J. Kirkwood, Integrated Fourier Transform Infrared Spectroscopy and Gas Chromatography Tandem Mass Spectrometry for Forensic Engine Lubricating Oil and Biodiesel Analysis, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 79-100, 2010.

Shang, D., and J. Parton, Analysis of White Powder Binary Mixtures Using ATR FT-IR Spectroscopy, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 639-651, 2011.

Shang, D., and M. Haberl, A Systematic Approach to Forensic Identification of Organic Chemicals Spilled in the Environment, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 314-325, 2011.

Shang, D., B. McPherson, and M. Lam, Emergency Preparedness: Rapid Screening of Potentially Deleterious Organics in Unknown Environmental Samples, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 495-534, 2008.

Shang, D., C. Buday, G. van Aggelen, and A. Colodey, Toxicity Evaluation of the Oil Surface Washing Agent Corexit 9580 and its Shoreline Application in Burrard Inlet, British Columbia, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 519-524, 2012.

Shang, D., A. Legzdins, and J. Parton, A Rapid LC/MS Method for the Determination of Naphthenic, Decanoic and Cyclohexanepentanoic Acids in Support of Toxicology Study, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 941-950, 2012.

Singsaas, I., F. Leirvik, K.R. Sørheim, R.L. Daae, and L. Solsberg, Development and Testing of New Mobile Skimmers for Oil Recovery in Ice-covered Waters, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 816-831, 2011.

Skrunes, S., C. Brekke, T. Eltoft, and V. Miegbielle, An Experimental Study of X-Band Synthetic Aperture Radar (SAR) Imagery for Marine Oil Slick Monitoring, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 498-514, 2013.

Slangen, P., L. Aprin, M. Fuhrer, S. LeFloch, and G. Dusserre, Methyl Ethyl Ketone Spills in Water: Visualisation of the Releases by Optical Schlieren Technique, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 957-965, 2010.

Soomere, T., A Preventative Method for Minimizing Environmental Risks Based on the Optimization of the Location of Potentially Dangerous Activities, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 836-851, 2012.

Spaulding, M.L., C. Galagan, L. McStay, T. Isaji, D. Steube, and R. Green, Use of Ensemble Based Methods for Oil Spill Risk Assessment Investigations, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 9-28, 2014.

St-Amand, A., P. Mazzocco, and M. Stephenson, Modelling Fate and Effects of Toxicologically Relevant Hydrocarbon Fractions following Hypothetical Oil Spills in a Marine Environment, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1279-1293, 2010.

Starkes, R., Dock Treatment Process - M/T *King Darwin* Spill, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1219-1229, 2010.

Stoliar, O., H. Falfushynska, L. Gnatyshyna, and O. Turta, Bivalve Mollusks from Cooling Pond of Nuclear Power Station as a Model for the Prediction of Novel Biorisks, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 453-471, 2013.

Sun, J., A. Khelifa, X. Zheng, Z.D. Wang, S. Wong, L.L.C. So, C.E. Brown, B.G. Fieldhouse, and C. Yang, Experimental Study on Kinetics of Oil-suspended Particulate Matter Aggregation, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 109-126, 2009.

Sun, J., A. Khelifa, X. Zheng, Z.D. Wang, S. Wong, and L.L.C. So, Formation of Oil-SPM Aggregates under Various Mixing Intensities, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 145-158, 2010.

Sun, J., J. Lu, C. Zhao, D. Zhao, F. Liu, Y. Zhang, and C. Geng, Formation of Oil-SPM Aggregates Using Natural Sediment from Jiaozhou Bay, China, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 903-915, 2012.

Sun, J., D. Zhao, C. Zhao, and F. Liu, Stability of Oil-in-water Emulsions Formed in the Coastal Aquifer, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 981-993, 2012.

Sun, P., X. Wang, and Y. Zhao, Automatic Integration Method for Single and Multi-peak of Oil Characteristic Compounds, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 24-36, 2013.

Sun, P., F. Li, L. Cao, X. Wang, Q. Zhou, G. Li, H. Tang, and M. Bao, Identification Index Screening for Crude Oils and Fuel Oils Based on Hydrocarbon Components and Diagnostic Ratios by PCA-Biplot, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 883-898, 2014.

Sweeten, D.W., and K. Heaton (retired), Incorporating Green Alternatives into Emergency Response Waste Management Programs: Examples from the Deepwater Horizon Response, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 868-883, 2012.

Sweeten, D.W., J. Wittman, P. Le Roux, and T. Bleier, Improving Oil Spill Response Decision Making Using a Rapidly Deployed Aerial Imaging Platform, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 658-666, 2012.

Szeto, A., and R. Pelot, The Use of Long Range Identification and Tracking (LRIT) for Modelling the Risk of Ship-based Oil Spills, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 928-937, 2011.

Tan, S.H., In-situ Fluorometry for Dispersant Effectiveness Monitoring, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1157-1170, 2010.

Taylor, E., G. Challenger, J. Rios, J. Morris, M.W. McCarthy, and C. Brown, Dilbit Crude Oil Weathering on Brackish Water: Meso-scale Tests of Behavior and Spill Countermeasures, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 317-337, 2014.

Thouin, G., W. Kuang, S. Harrison, K. Li, K. Volchek, and C.E. Brown, Determination of Headspace Concentrations of Malathion for the Development of Decontamination Standards, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 205-214, 2008.

Thouin, G., W. Kuang, D.W. Cooper, K. Li, and K. Volchek, Study of Surface Desorption of Toxic Organic Compounds to Set Building Decontamination Standards, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 437-461, 2009.

Thouin, G., W. Kuang, D. Velicogna, V. Blinov, and K. Volchek, Polymer-Bead Extraction of Organophosphorus Pesticides from Soil, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 353-365, 2010.

Thouin, G., W. Kuang, V. Blinov, K. Volchek, C.E. Brown, D. Velicogna and D. Cooper, Novel Catalytic Method for the Treatment of Soil Contaminated with Organophosphorus Pesticides, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 23-32, 2011.

Thouin, G., W. Kuang, V. Blinov, K. Volchek, C.E. Brown, D. Velicogna and D. Cooper, Novel Catalytic Method for the Decontamination of Building Materials Contaminated with Organophosphorus Compounds, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 42-53, 2011.

Trudel, B.K., R.C. Belore, M. VanHaverbeke, and J.V. Mullin, Updating the U.S. SMART Dispersant Efficacy Monitoring Protocol, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 397-410, 2009.

Trudel, B.K., R.C. Belore, I.A. Buist, S.G. Potter, A. Guarino, A. Lewis, and J.V. Mullin, Review of a Decade of Dispersant Operational Research Conducted under Simulated At-sea Conditions at Ohmsett, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 841-864, 2011.

Wang, C.-Y., and S.-J. He, Evaluation of Diagnostic Ratios on Mildly Weathered Oil Based on a Dalian Oil Spill Accident, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 103-109, 2013.

Wang, Z.D., C. Yang, B.P. Hollebone, F. Kelly-Hooper, X. Peng, C.E. Brown, M. Landriault, and J. Sun, Forensic Distinguishing of Biogenic Hydrocarbons (BHCs) from Petroleum Hydrocarbons (PHCs) and in BHC and PHC Cross-contaminated Soils and Sediments, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 117-146, 2008.

Wang, Z.D. C. Yang, B.P. Hollebone, C.E. Brown, P.G. Lambert, M. Landriault, J. Sun, Z. Yang, and S. Atkinson, Forensic Fingerprinting and Source Identification of the 2008 Lake Temiskaming (Quebec) Oil Spill *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1-30, 2009.

Wang, Z.D., Z. Yang, C. Yang, B.P. Hollebone, C.E. Brown, M. Landriault, J. Sun, S.M. Mudge, F. Kelly-Hooper, and G.D. Dixon, Fingerprinting of Oil Hydrocarbons and Biogenic Organic Compounds in Canadian Background Soil and Plant Samples (Phase I of the PERD Project: Distinguishing and Quantifying Petrogenic and Biogenic Hydrocarbons in Contaminated and Background Soils), *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1-56, 2010.

Wang, Z.D., Z. Yang, C. Yang, B.P. Hollebone, C.E. Brown, M. Landriault, J. Sun, S.M. Mudge, F. Kelly-Hooper, and D.G. Dixon, Distinguishing and Quantifying Petrogenic and Biogenic Hydrocarbons in Contaminated and Background Soils (PERD Project): Fingerprinting of Oil Hydrocarbons and Other Biogenic Organic Compounds (BOCs) in Oil-contaminated Soil Samples (II), *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 354-416, 2011.

Wang, Z.D., Z. Yang, C. Yang, B.P. Hollebone, C.E. Brown, M. Landriault, J. Sun, S.M. Mudge, F. Kelly-Hooper, and D.G. Dixon, Fingerprinting of Petroleum Hydrocarbons (PHCs) and other Biogenic Organic Compounds (BOCs) in the 2nd Set of Oil-contaminated and Background Soil Samples, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 324-388, 2012.

Wang, Z., C. Yang, Z. Yang, B.P. Hollebone, C.E. Brown, M. Landriault, B. Fieldhouse, Y. Liu, and G. Zhang, M. Hewitt, J. Parrot, and R.A. Frank Forensic Source Differentiation of Petrogenic, Pyrogenic, and Biogenic Hydrocarbons in Canadian Oil Sands Environmental Samples, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 1-23, 2013.

Wendelboe, G., L. Fonseca, M. Eriksen, F. Hvidbak, and M. Mutschler, Detection of Heavy Oil on the Seabed by Application of a 400 kHz Multibeam Echo Sounder, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 791-816, 2009.

Wheeler, R., and B. Campbell, Improving Oiled Wildlife Preparedness and Response in the Great Lakes Region, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 805-812, 2012.

Whitelaw, C., N.S. Karellas, Q.F. Chen, T. Munoz, G.B. DeBrou, and R. Bloxam, Emergency Response Monitoring of a Benzene Release Using the Ministry's Mobile TAGA Unit in Southwestern Ontario, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 501-514, 2009.

Winter, J. and R. Haddad, Ecological Impacts of Dilbit Spills: Considerations for Natural Resource Damage Assessment, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 374-400, 2014.

Xu, S., Q. Ma, Z. Li, and H. Cheng, Distribution of Polycyclic Aromatic Hydrocarbon Contamination in Surface Sediment from Jinzhou Bay, China, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 539-547, 2011.

Yang, C., Z.D. Wang, B.P. Hollebone, C.E. Brown, and M. Landriault, GC/MS Determination of Bicyclic Sesquiterpanes in Crude Oils and Petroleum Products, *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 99-116, 2008.

Yang, C., Z.D. Wang, B.P. Hollebone, C.E. Brown, M. Landriault, D. Shang, R. Losier, and A. Cook, Fingerprinting Analysis of Oil Samples for Inter-laboratory Round Robin [2007], *Proceedings of the Thirty-first AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 79-98, 2008.

Yang, C., X. Peng, Z.D. Wang, B.P. Hollebone, Z. Yang, C.E. Brown, and M. Landriault, Fingerprinting Analysis and Characterization of Hydrocarbons in Sediments of the Pearl River Delta in China, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 31-50, 2009.

Yang, C., Z.D. Wang, B.P. Hollebone, C.E. Brown, Z.Y. Yang, M. Landriault, and B.G. Fieldhouse, Preliminary Fingerprinting Analysis of Alberta Oil Sands and Related Petroleum Products, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 127-144, 2010.

Yang, C., Z. Yang, Z.D. Wang, K. Li, B.P. Hollebone, M. Landriault, C.E. Brown, and B. Fieldhouse, Application of Programmable Temperature Vaporization-Large Volume Injection (PTV-LVI) Coupled to Gas Chromatography-Mass Spectrometry (GC-MS) for Oil Fingerprinting Analysis, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 296-313, 2011.

Yang, C., Z.D. Wang, B.P. Hollebone, C.E. Brown, M. Landriault, K. Shah, and B.G. Fieldhouse, Determination of Total Petroleum Hydrocarbons and Differentiation of Petrogenic and Biogenic Inputs in Contaminated and Background Soils or Sediments, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 389-405, 2012.

Yang, C., G. Zhang, Z. Wang, B.P. Hollebone, C.E. Brown, M. Landriault, and P.G. Lambert, Determination of Polycyclic Aromatic Hydrocarbons in Petroleum and Environmental Samples Using Gas Chromatography-Quadrupole Time-of-flight (GC/Q-TOF), *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 46-61, 2013.

Yang, C., G. Zhang, Z. Wang, Z. Yang, B.P. Hollebone, M. Landriault, K. Shah, and C.E. Brown, Accurate Quantitative Analysis of Alkylated Polycyclic Aromatic Hydrocarbons in Petroleum Oils and Environmental Samples, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 830-846, 2014.

Yang, Z., B.P. Hollebone, Z.D. Wang, C. Yang, and M. Landriault, Identification and Fingerprinting of Biodiesel Blends by Solid Phase Extraction and Gas Chromatography-Mass Spectrometry, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 57-78, 2010.

Yang, Z., B.P. Hollebone, Z.D. Wang, C. Yang, and M. Landriault, Evaporation and Stability of Biodiesel and Blends with Diesel in Ambient Conditions, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 520-538, 2011.

Yang, Z., Z.D. Wang, C. Yang, B.P. Hollebone, C.E. Brown, and M. Landriault, Total Petroleum Hydrocarbons (TPHs) Measurement Uncertainties for Soil Samples, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 406-419, 2012.

Yang, Z., Z. Wang, C. Yang, B.P. Hollebone, and M. Landriault, Photodegradation Behavior of Biodiesel and its Blends with Petroleum Oil in Simulated Freshwater, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 433-452, 2013.

Yang, Z., B.P. Hollebone, Z. Wang, C. Yang, C.E. Brown, G. Zhang, M. Landriault, and K. Shah, The Occurrence, Source Apportionment and Ecological Risk Assessment of Polycyclic Aromatic Hydrocarbons in Sediment Core from an Urban Lake in Wuhan, Central China, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 807-829, 2014.

Yanofsky, N.J. and K. Volchek, Collaborative Research in Decontamination Science, *Proceedings of the Thirty-third AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 341-351, 2010.

Yanofsky, N.J., K. Volchek, C.E. Brown, P.G. Lambert, and M.F. Fingas, Chemical Decontamination: Challenges, Opportunities and Lessons Learned, *Proceedings of the Thirty-second AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 281-287, 2009.

Yanofsky, N., K. Volchek, C.E. Brown, and P.G. Lambert, Framework for a Chemical/Biological/Radiological/Nuclear/Explosive (CBRNE) Decontamination Initiative, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 316-323, 2012.

Yanofsky, N., K. Volchek, C.E. Brown, and P.G. Lambert, Future Opportunities for Decontamination Science and Response, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 673-680, 2013.

Yanofsky, N., K. Volchek, V. Blinov, W. Kuang, E. Dickson, P. Bodurtha, and E.B. Rohonczy, Science-based CBRN Decontamination Guidance, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 137-144, 2014.

Yao, Y., R. Raina, K. Volchek, and C.E. Brown, A New Approach to Risk Analysis for Emerging Chemicals Related to Chemical/Biological/Radiological/Nuclear/Explosive (CBRNE) Threat, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 234-249, 2012.

Yao, Y., K. Volchek, C.E. Brown, P.G. Lambert, L. Gamble, K. Kitagawa, J. Anglesey, A. Dugas, M. Punt, and D. Velicogna, Remedial Options for Perfluorinated Compound (PFC) Contaminated Sites: A Review, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 654-672, 2013.

Yao, Y., K. Volchek, P.G. Lambert, C.E. Brown, J. Semmler, A. Guindon, T. Dumouchel, T. Mahilrajan, and M. McCall, Environmental Impacts of the Fukushima and Chernobyl Accidents and their Remediation: A Review, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 145-174, 2014.

Yashchuk, V.M., V.Yu. Kudrya, A.P. Naumenko, I.V. Lebedyeva, and T.B. Zheltonozhskaya, Detection of Phenol Molecules in Water: Direct and Optical Sensors Methods, *Proceedings of the Thirty-fourth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 117-123, 2011.

Yodi, S., Combating Oil Spills in Indonesia, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 553-555, 2014.

Zhang, G., C. Yang, Y. Liu, Z. Yang, Z. Wang, M. Landriault, B.P. Hollebhone, P.G. Lambert, and C.E. Brown, Improved Approach to Quantitatively and Qualitatively Characterize Carboxylic Acid Isomers in Commercial Naphthenic Acids Mixture by HPLC-High Resolution Orbitrap Mass Spectrometer Technique, *Proceedings of the Thirty-seventh AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 847-868, 2014.

Zheng, J., B. Liu, J. Ping, B. Chen, and B. Zhang, Two Analytical Methods for Real-time Monitoring of Polycyclic Aromatic Hydrocarbons in Oil Contaminated Seawater, *Proceedings of the Thirty-fifth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 448-459, 2012.

Zubair, A., L. James, and K. Hawboldt, Screening of Non-ionic Surfactants for Bunker C Contaminated Soil Washing, *Proceedings of the Thirty-sixth AMOP Technical Seminar on Environmental Contamination and Response*, Environment Canada, Ottawa, ON, pp. 871-887, 2013.