NOAA Digital Collections: Archiving, Online Access, and Metadata Exchange

NOAA Central Library

U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration - Silver Spring, Maryland

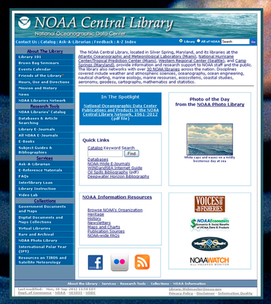
FEDLINK 2012 Fall Exposition at the Library of Congress - Washington, D.C.

NOAA Digital Collections:

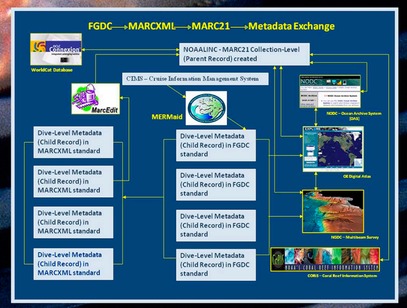
Deepwater Horizon Institutional Repository
Historical Resources (1485-1900s)
NOAA Photo Library
Videos and Films
Virtual Libraries
Weather Maps & Charts
Foreign Climate Observations
Polar Research (IPY Repository)
TIROS & Satellite Meteorology
NOAA Heritage (C&GS, WB, US Fishery)

Over 250,000 historical documents scanned to PDF and TIFF
Over 25,000 video and films digitized to AVI, MOV, and DVD
Over 100,000 images scanned in low and high resolution JPEG files

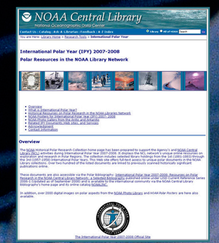
In FY2012 NOAA Central Library registered
over 29 million visits online to the above collections



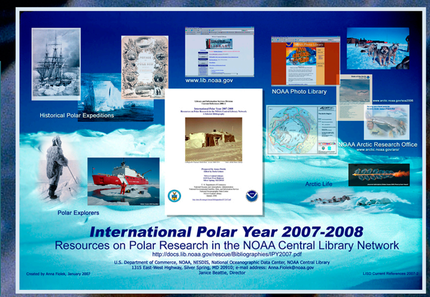
NOAA Central Library home Page
www.lib.noaa.gov



Metadata conversion and exchange
in the NOAA Central Library.



Polar Research Collection (Repository of the IPY reports)



NOAA Deepwater Horizon Institutional Repository
http://noaa.ntis.gov

NOAA Satellite Meteorology Collection

The NOAA Central Library Video Lab is available to all NOAA scientists for their business related media work, including digital video viewing, editing, converting, and duplicating. A request for the Video Lab access should be arranged with the Video Producer/Director, Sheila Lawlor, who will reserve the room and time. The Media Librarian will also provide the NOAA user with basic directions on how to use the Video Lab and the equipment.

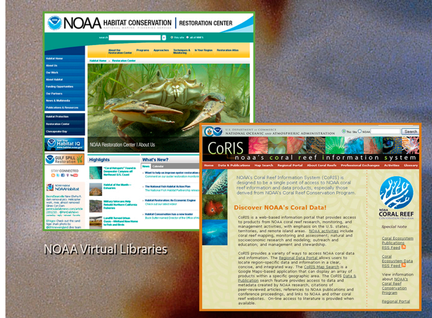
In the Video Lab, there are two G5 Macintosh computers, each with Final Cut Pro Studio 5, Microsoft Office 2007, and Adobe Creative Suite 3. The computers have the following drives: Sony DVD/CD burner/reader for both DVCAM and MiniDV tapes; Sony DV/HDV/DVD diamond recorders to be used with the HD MiniDV tapes; Sony DVCAM recorder/reader for both DVCAM and MiniDV tapes; Panasonic DVCPRO50 tapes reader; and Sony VHS recorder/player. The Epson color printer accepts print jobs from both computers.

All needed manuals and tutorials are available in the Video Lab. Some blank media (DVDs, MiniDVs) may be available, although the user is expected to replace them.

The NOAA Central Library Video Lab was developed in 2007 by Anna Fiolek, Metadata Librarian, as a Knowledge Management project.

To learn more about the Video Lab, you may download the Video Lab Brochure (.pdf).

NOAA Digital Videos and Films Collection



NOAA Virtual Libraries

Abstract:

From 2001 to early 2011, under the NOAA Climate Database Modernization Program (CDMP), the NOAA Central Library digitized over 250,000 print document into PDF (for access) and TIFF (for archival preservation) formats, and over 800 analog media (16 mm and 8 mm films, VHS and Betacam SP tapes) into DVD (for circulation), MOV, MP4 (for Web access), and AVI (for archival preservation)formats. In addition, over 75,000 NOAA historical and current photographs, either born digital or converted to high and regular resolution JPEG files, have been turned into the most popular NOAA Photo Library.

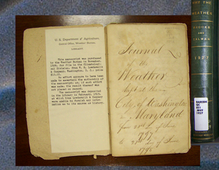
The NOAA digital document, video, and image collections, such as the Video Data Management System (VDMS), and NOAA Deepwater Horizon Institutional Repository are results of long-term collaboration between the Library staff and scientists from different NOAA line offices, such as Office of Oceanic and Atmospheric Research (OAR), National Ocean Service (NOS), and National Environmental Satellite, Data, and Information Service (NESDIS). These collaborations gave the library AV catalogers great opportunity to exchange and convert MARC metadata records from and into different metadata standard schemas, including FGDC, MODS, and MARCXML.

The unique, historical print documents, carefully selected, cataloged, then imaged, have been organized online into over twenty NOAA digital collections and virtual libraries and are widely accessible via the NOAA Library home page at: http://www.lib.noaa.gov/.

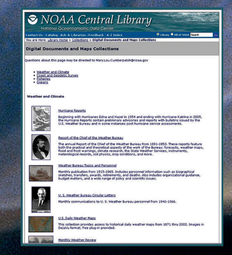
Some interesting examples include:
U.S. Daily Weather Maps (1871-2002); Polar Research; TIROS and Satellite Meteorology; U.S. Coast and Geodetic Survey Special Publications (1898-1969); U.S. Fish Commission Annual Reports (1871-1979); Marine Protected Areas Virtual Library; NOAA Restoration Portal; and *Pacific Islands Climate Change Virtual Library.*

According to the latest statistics, the NOAA Library's digital collections have received over 29 million visits per year.

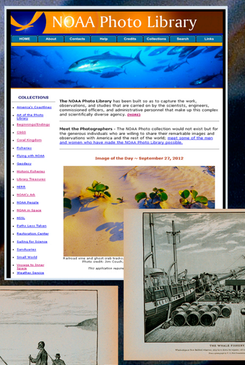
This Poster gives an overview and highlights some of the unique digital collections, projects, and metadata exchange efforts conducted by NOAA Central Library.
For more information contact: Anna.Fiolek@noaa.gov, tel. 301-713-2607, ext. 147

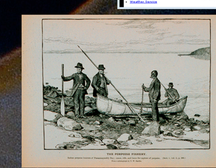


Rare Books Collection



NOAA Historical Resources
(1485-1900s)



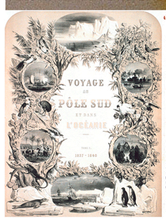


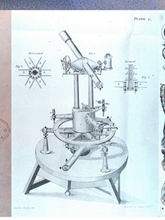
NOAA Photo Library - Digital Image Collection

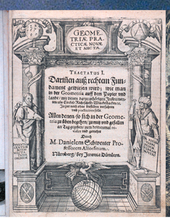
Digital Maps & Charts Collection

LISD Current References 2012-04

Poster prepared by Anna Fiolek, Metadata Librarian - Silver Spring, Maryland, October 2012







FEDLINK 2012 Fall Exposition,
Library of Congress, Washington, D.C., Oct. 24, 2012
Poster Presentation

Presentation Title:
NOAA Digital Collections: Archiving, Online Access, and Metadata Exchange

Poster's Author & Presenter:
Anna Fiolek, Metadata Librarian NOAA Central Library

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