

Reports to the Nation On Our Changing Planet "Our Changing Climate"

Climate Change Information Web Sites For Teachers

A web search on the phrases "Climate Change" or "Global Change" will produce a large number of web sites to visit. Here are a few interesting sites:

General Information About Climate Change:

<http://www.unep.ch/iuc/submenu/infokit/factcont.htm>

A broad introduction to the climate change problem, impacts, and possible remedies provided by the United Nations Environment Programme.

<http://www.circles.org>

Earth System Science Community web site.

http://www.lib.noaa.gov/edocs/el_nino.html

Bibliographies on El Niño.

<http://www.gcrio.org/ipcc/qa/cover.html>

Common Questions about Climate Change - Sponsored by the United Nations Environment Programme, WMO.

United States Government Agencies and Programs:

<http://www.usgcrp.gov/>

US Global Change Research Program home page. The U.S. Global Change Research Program (USGCRP), working with research institutions in the U.S. and beyond our borders, provides the foundation for increasing the skill of predictions of seasonal-to-interannual climate fluctuations and long-term climate change. The USGCRP also sponsors research to understand the vulnerabilities to changes in important environmental factors, including changes in climate, ultraviolet (UV) radiation at the Earth's surface, and land cover.

<http://www.ogp.noaa.gov/>

NOAA's Office of Global Programs home page. The Office of Global Programs (OGP) leads the NOAA Climate and Global Change (C&GC) Program. NOAA has the primary responsibility within the Federal Government to routinely provide climate forecasts and products to the nation. OGP assists in this capacity by sponsoring focused scientific research, within approximately eleven research elements, aimed at understanding climate variability and its predictability. Through studies in these areas, researchers coordinate activities that jointly contribute to improved predictions and assessments of climate variability over a continuum of time scales from season to season, year to year, and over the course of a decade and beyond.

<http://www.hq.nasa.gov/office/mtpe/>

NASA's Mission to Planet Earth home page. NASA has developed a program - Mission to Planet Earth - that captures our spirit of exploration and focuses it back on the Earth. NASA and its interagency and international partners are striving to discover patterns in climate that will allow us to predict and respond to environmental events - such as floods and severe winters-well in advance of their occurrence.

<http://www.geo.nsf.gov/animate/start2.htm>

The Directorate for Geosciences (GEO) is one of six research arms within the National Science Foundation. GEO supports research to advance the state of knowledge about Earth, including its atmosphere, continents, oceans, interior, and the processes that modify them as well as link them together. GEO also supports activities designed to improve the education and human resource base for these research areas.

International and Business Web Sites:

<http://www.ipcc.ch/>

The Intergovernmental Panel on Climate Change home page. The Intergovernmental Panel on Climate Change (IPCC) was established in 1988 by the World Meteorological Organization (WMO) and the United Nations Environment Programme (UNEP) to assess the available scientific, technical, and socio-economic information in the field of climate change.

<http://www.worldcorp.com/dc-online/gcc/>

The Global Climate Coalition home page. The Global Climate Coalition is an association of business trade associations and private companies formed to coordinate the active involvement of U.S. business in the scientific and policy debates concerning global climate change issues. Coalition membership represents a broad spectrum of virtually all elements of U.S. industry including the energy producing and energy consuming sectors.

<http://www.unfccc.de/>

United Nations Framework Convention for Climate Change web site.

<http://www.doc.mmu.ac.uk/aric/gcciphm.html> 96

Global Climate Change Information Programme in the United Kingdom providing a link between scientists and politicians, economists, and the general public. Providing up-to-date information on climate change—for students, teachers, researchers, and decision makers.

<http://www.doe.ca/gog/climate/>

Canada's Action Plan on climate change.

Data and Images:

<http://lola.ldgo.columbia.edu:81/sources/.cdiac/>

Carbon Dioxide Information Analysis Center (CISIAC) provides global datasets on CO₂, other atmospheric gases, and climate. These datasets are available free of charge to international researchers, policymakers, managers, and educators to help evaluate complex environmental issues associated with potential climate change.

<http://www.ncdc.noaa.gov/ol/climate/research/papers/globalwarming/global.html>

Update on what the data show regarding global warming as of 1994.

<http://www.lib.noaa.gov/edocs/paleo.html>

Paleoclimatology data sets.

<http://www.oma.be/KSB-ORB/SIDC/index.html>

Sunspot Index Data Center.

<http://nic.fb4.noaa.gov:80/>

NOAA's Climate Prediction Center.

<http://ingrid.ldeo.columbia.edu/>

Lamont-Doherty Earth Observatory Climate Data Catalog.

<http://gcmd.gsfc.nasa.gov/>

NASA's Global Change Master Directory (GCMD) is a comprehensive source of information about satellite and in situ Earth science data, with broad coverage of the atmosphere, hydrosphere, oceans, solid earth, and biosphere.