

# Select Internet Sites for Climate Data & Climate Change Resources

**NASA Global Climate Change** - <http://climate.nasa.gov/>

Includes vital signs, videos, articles and imagery

**NASA Earth Observatory** - <http://earthobservatory.nasa.gov/>

Features images, stories, and discoveries about climate and the environment from NASA satellite missions.

**CIMSS Educational Resources** - <http://cimss.ssec.wisc.edu/education/>

Features interactive weather and climate activities, (applets) complete curriculums, and student and teacher workshop information.

**CIMSS Global and Regional Climate Change Course** - <http://cimss.ssec.wisc.edu/climatechange>

**Undergraduate level "Climate and Climate Change" course** (2013) - <http://c3.ssec.wisc.edu/>

**Wisconsin Weather Stories Climate Activity** [http://weatherstories.ssec.wisc.edu/stories/armistice\\_day/climate.html](http://weatherstories.ssec.wisc.edu/stories/armistice_day/climate.html)

**NOAA Climate Services** - <http://www.climate.gov/>

*Science and information for a climate smart nation* ~ A new "go-to" website for NOAA's climate data, products, and services.

**NOAA Ten signs of Warming** - <http://cpo.noaa.gov/warmingworld/>

**United States Global Change Research Program** <http://globalchange.gov/>

USGCRP coordinates and integrates federal research on changes in the global environment and their implications for society.

Site features numerous climate research publications including ecosystem toolkits and two Great Lakes lesson plans

**Wisconsin Climate Videos and activities** <http://climatewisconsin.org/>

Climate Wisconsin is an educational multimedia project featuring stories of climate change from across Wisconsin in 2010.

**Union of concerned scientist** - [http://www.ucsusa.org/global\\_warming/](http://www.ucsusa.org/global_warming/)

Features policy orientated articles and regional information about climate change, similar to USGCRP.

**Intergovernmental Panel on Climate Change (IPCC)** - <http://www.ipcc.ch/>

In 2007 the IPCC published its fourth comprehensive assessment of Earth's Climate. This publication and other resources are on this web page, including the Summary for Policy Makers based on the Working Group I Report "The Physical Science Basis".

**Climate Literacy and Energy Awareness Network (CLEAN)** <http://cleanet.org/index.html>

Peer reviewed collection of climate and energy science resources searchable by grade level and topic.

**Skeptical Science** <http://www.skepticalscience.com/>

Examines the science and arguments of global warming skepticism.

# Select Internet Sites for Climate Data Activities

## **My NASA Data** <http://mynasadata.larc.nasa.gov/>

Mentoring and inquiry using NASA Data for Atmospheric and earth science for Teachers and Amateurs ([MY NASA DATA](#)) is a project to enable K-12 teachers and students, as well as citizen scientists, to explore the large volumes of data that NASA collects about the Earth from space. A main goal of the MY NASA DATA project is to remove the barriers (such as file size and format, and complicated computer tools) that prevent the use of authentic NASA Earth System Science data in the classroom or by the interested public. Among other features, this site includes a list of lesson plans related to climate change:

[http://mynasadata.larc.nasa.gov/ClimChg\\_lessons.html](http://mynasadata.larc.nasa.gov/ClimChg_lessons.html)

## **NASA Earth Observatory Global Maps** <http://earthobservatory.nasa.gov/GlobalMaps/>

The Earth Observatory's mission is to share with the public the images, stories, and discoveries about climate and the environment that emerge from NASA research, including its satellite missions, in-the-field research, and climate models. Global Maps are an excellent resource to view current and recent satellite images showing global views of what's happening on our planet. Enables exploration of how key parts of Earth's climate system change from month to month, including recommended related maps.

## **GLOBE (Global Learning and Observations to Benefit the Environment)** [www.globe.gov](http://www.globe.gov)

The GLOBE Student Climate Research Campaign (SCRC) will engage students from around the world in the process of investigating and researching their local climate and sharing their findings globally. SCRC is comprised of learning activities, events, and research investigations. [http://www.globe.gov/explore\\_science/conduct\\_research/scrc](http://www.globe.gov/explore_science/conduct_research/scrc)

**GLOBE** reference with activities to study earth images like those found on NASA Earth Observatory

[http://classic.globe.gov/fsl/pdf/Earth\\_System\\_Poster\\_Activities.pdf](http://classic.globe.gov/fsl/pdf/Earth_System_Poster_Activities.pdf)

## **The Story of Stuff** - <http://www.storyofstuff.com/>

Educational video explaining traditional product production and consumption before promoting ecological sustainability.

## **PEW Center on Climate Change** - <http://www.pewclimate.org/>

Informative articles and reports on key climate topics for decision makers on all levels.

## **Environmental Protection Agency (EPA) Climate Change Indicators** - <http://www.epa.gov/climatechange/indicators.html>

Features a report and slide show with 24 environmental indicators describing trends related to causes and effects of climate change.