



# Global Warming and Climate Change

## A Guide to Selected Library Resources

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### Finding Information in the Libraries

#### Indexes and Databases

The WIU Libraries subscribe to a number of indexes that can be used to find information on global warming, including articles in scholarly journals, popular magazines and newspapers as well as books and government publications. Indexes can be found by clicking on the **Select a Database** link on the WIU Libraries web site. The following indexes can be used to locate information on global warming and climate change. To find information in these indexes, search the terms **global warming** or **climate change**.

[Academic Search Premier](#) – An index to articles in popular and scholarly periodicals. Includes some full-text articles.

[LexisNexis Academic](#) – Full-text access to articles in newspapers, magazines and legal periodicals.

[GeoBase](#) – Provides access to articles in books, scholarly journals and other publications on climatology, geography and geology.

[GeoRef](#) – An index to earth science related books, journal articles and government publications.

[WilsonSelectPlus](#) – An index to full-text articles on a variety of topics, from business, science and legal publications.

#### Federal Government Information

The U.S. Government produces a wide variety of information on global warming, including reports from government and legislative agencies, data, Congressional hearings, bills and laws. Some of this information can be located using two indexes to U.S. Government information. These indexes can be found by clicking on **Select a Database** on the WIU Libraries web site.

[Catalog of U.S. Government Publications](#) – An index to publications from U.S. government agencies, including the U.S. Congress. Many recent publications are available in full-text.

[LexisNexis Congressional](#) – Access to U.S. Congressional publications, including hearings, debates, reports, bills and laws. Publications from 1990 to the present are available online.

#### Books, Reference Works and Government Publications

Books, government publications and reference materials available in the WIU Libraries can be found using **WestCat**, the online catalog. To find information in these indexes, search the terms **global warming** or **climate change** as a phrase. The following is a list of significant works related to global warming that are available in the WIU Libraries.

Drake, Frances . *Global Warming: The Science of Climate Change*. Oxford University Press, 2000. Physical Sciences Library, Currens Hall QC 981.8.G56 D73 2000



Fagan, Brian M. ***The Long Summer: How Climate Changed Civilization***. Basic Books, 2004. Malpass Library QC 981.8.C5 F34 2004

Flannery, Tim. ***The Weather Makers: How Man Is Changing the Climate and What It Means for Life on Earth***. Grove/ Atlantic, Incorporated, 2006. Malpass Library QC 981.8.C5 F438 2005

Gelbspan, Ross. ***The Heat Is On: The Climate Crisis, the Cover-Up, the Prescription***. Basic Books, 1998. Malpass Library QC 981.8.G56 G45 1998

Gore, Al. ***An Inconvenient Truth: The Crisis of Global Warming***. Penguin, 2007. Malpass Library QC 981.8.G56 G67 2006

Goudie, Andrew S., ed. ***Encyclopedia of Global Change: Environmental Change and Human Society***. Oxford University Press, 2001. Malpass Library Reference GE 149 .E47 2002

Houghton, John T. ***Global Warming: The Complete Briefing***. Cambridge University Press, 2004. Physical Sciences Library, Currens Hall QC 981.8.G56 H68 2004

Johansen, B. E. ***Global Warming in the 21st Century***. Greenwood, 2006. Physical Sciences Library, Currens Hall QC 981.8.G56 J643 2006

Kolbert, Elizabeth. ***Field Notes from a Catastrophe: Man, Nature, and Climate Change***. Bloomsbury Publishing, 2006. Malpass Library QC 981.8.G56 K655 2006

Leggett, Jeremy. ***The Carbon War: Global Warming and the End of the Oil Era***. Routledge, 2001. 0-415-93101-0. Malpass Library QC 981.8.C5 L45 2001

Linden, Eugene. ***The Winds of Change: Climate, Weather, and the Destruction of Civilizations***. Simon & Schuster, 2006. Malpass Library QC 981.8.C5 L567 2006

Lovejoy, Thomas E. and Hannah, Lee, eds. ***Climate Change and Biodiversity***. Yale University Press, 2006. Malpass Library QH 541.15.B56 C62 2005

Mayewski, Paul Andrew, Lynn Margulis, and Frank White. ***The Ice Chronicles: The Quest to Understand Global Climate Change***. University Press of New England, 2002. Malpass Library GB 2405 .M28 2002

Oliver, John E., ed. ***The Encyclopedia of World Climatology***. Springer, 2006. Malpass Library Reference QC 854 .E526 2005

Schneider, Stephen H., et al., eds. ***Climate Change Policy: A Survey***. Island Press, 2002. Malpass Library QC 981.8.C5 C511416 2002

Schneider, Stephen Henry. ***Global Warming: Are We Entering the Greenhouse Century?*** Sierra Club Books, 1989. Physical Sciences Library, Currens Hall QC 981.8.G56 S3 1989

Stevens, William K. ***The Change in the Weather: People, Weather, and the Science of Climate***. Dell Publishing, 2001. Malpass Library QC 981.8.C5 S75 1999

Victor, David G. ***The Collapse of the Kyoto Protocol and the Struggle to Slow Global Warming***. Princeton University Press, 2001. Malpass Library QC 981.8.G56 V53 2001

Weart, Spencer R. ***The Discovery of Global Warming***. Harvard University Press, 2004. Malpass Library QC 981.8.G56 W43 2003

## Cartographic Information

Climate change affects many areas, including the United States and Illinois. The following atlases contain information on climate in Illinois and the United States.

***Climate Atlas of Illinois.*** The result of 60 years of intensive studies, this atlas provides a comprehensive look at Illinois' climate -- past, present, and future. Chapter 10 answers how global climate change will affect Illinois. 2004. Malpass Library, 4<sup>th</sup> Floor, Government Publications, Illinois Documents 551 CLIM

***Climate Atlas of the United States,*** version 2. This CD-ROM set contains 2023 color maps on a variety of climate themes, such as temperature, precipitation, etc. from 1961-1990. Malpass Library, 4<sup>th</sup> Floor, Government Publications CDROM. C 55.281/2-2:C 61/CD/2002

## Web Resources

Information on climate change is available on a number of web sites. Several U.S., Illinois, Intergovernmental and Non-Governmental agencies maintain web sites on climate change and global warming.

## Federal Government Resources

[Climate Change](#) – The U.S. Environmental Protection Agency (EPA) maintains a web site with information on climate change.

[National Climatic Data Center](#) – The National Oceanographic and Atmospheric Administration collects, maintains and provides access to data on current and past climates.

[Global Change Master Directory](#) – The National Aeronautics and Space Agency (NASA) maintains an index with descriptions of over 20,000 Earth science data sets.

[U.S. Global Change Research Program](#) – Established in 1989, the USGCRP supports research on natural and human causes of global change and their societal impacts. The Global Change Research Program coordinates research activities of several U.S. Government agencies.

## Illinois Government Information

[Climate Trends in Illinois.](#) In: ***The Changing Illinois Environment: Critical Trends***, Volume 1: Air Resources. Technical Report of the Critical Trends Assessment Project. Illinois Department of Energy and Natural Resources, 1994. Malpass Library Government Publications Illinois 363.7 CHAN. Also available as a web site.

[Illinois Climate Change Advisory Group](#) - The Advisory Group was established by the Governor to identify possible policies and strategies to reduce greenhouse gas emissions in Illinois. Their recommendations and study documents are available on the Advisory Group's Web Site.

***The Illinois response to climate change: report of the Task Force on Global Climate Change.*** Department of Natural Resources, 1996. Malpass Library, 4<sup>th</sup> Floor, Government Publications, Illinois Documents 574.5222 ILLI

***An Investigation of Historical Temperature and Precipitation Data at Climate Benchmark Stations in Illinois.*** An analysis of the historical data of 12 weather stations in Illinois. Past changes in climate are used in an attempt to predict future climatological conditions. Illinois' consistency with global trends is examined. Illinois State Water Survey Circular 184. 1997. Malpass Library, 4<sup>th</sup> Floor, Government Publications, Illinois Documents 543.3 Wc-184

## Intergovernmental and Non-Governmental Organization Information Resources

[Intergovernmental Panel on Climate Change](#) - This site includes links to many of the reports on climate change issued by the IPCC.

[National Academies Press](#) - Many publications on global warming and climate change by the National Academy of Science are available free on the National Academies Press web site. Search for the words *climate change*, *global warming* or *warming*.

[United Nations Framework Convention on Climate Change](#) – The UNFCCC is a United Nations agreement that was approved in 1994. The Convention establishes a plan for governments to work together stabilize greenhouse gas emissions to prevent human-induced global warming. After the approval of the Convention, the Kyoto Protocol, which sets limits on greenhouse emissions for developing countries, was adopted in 1997. Information on the UNFCCC and the Kyoto Protocol is available at the UNFCCC web site. Additional information on the Kyoto protocol can be found by searching **WestCat**.

Weart, Spencer R. [\*The Discovery of Global Warming: A Hypertext History of How Scientists Came to \(Partly\) Understand What People Are Doing to Cause Climate Change\*](#). Center for History of Physics of the American Institute of Physics, 2004.

[World Wildlife Fund](#) - The World Wildlife Fund's web site on climate change contains links to publications on the impacts of climate change on wildlife. Many of these publications are available online.