

# Climate Change

## A Reader's Guide to Library Materials



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February 2015

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<sup>1</sup> "Climate Change", ill. Under "Bello on Climate Disruption", **The Planisphere**, [www.theplanisphere.com/2012/canada-arctic-climate-change-global-warming](http://www.theplanisphere.com/2012/canada-arctic-climate-change-global-warming)

**Climate change** means the periodic modification of Earth's climate brought about as a result of changes in the atmosphere as well as interactions between the atmosphere and various other geologic, chemical, biological, and geographic factors within the Earth system.<sup>2</sup>

Climate change is expected to hit developing countries the hardest. Its effects –higher temperatures, changes in precipitation patterns, rising sea levels, and more frequent weather-related disasters– pose risks for agriculture, food, and water supplies. At stake are recent gains in the fight against poverty, hunger and disease, and the lives and livelihoods of billions of people in developing countries.<sup>3</sup>

Low carbon economic development that is climate-friendly and climate-resilient will require huge leaps forward in innovation, knowledge sharing, and capacity building.<sup>4</sup>

Tackling this immense challenge must involve both **mitigation** –to avoid the unmanageable– and **adaptation** –to manage the unavoidable– all while maintaining a focus on its social dimensions.<sup>5</sup>

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<sup>2</sup> Stephen T. Jackson, "Climate Change", **Encyclopædia Britannica Online**,  
[www.britannica.com/EBchecked/topic/121632/climate-change](http://www.britannica.com/EBchecked/topic/121632/climate-change)

<sup>3</sup> "Climate Change", **The World Bank**,  
[http://data.worldbank.org/topic/climate-change#boxes-box-topic\\_cust\\_sec](http://data.worldbank.org/topic/climate-change#boxes-box-topic_cust_sec)

<sup>4</sup> "Climate Change Overview", **The World Bank**,  
<https://wbi.worldbank.org/wbi/about/topics/climate-change>

<sup>5</sup> "Climate Change & the World Bank", **The World Bank**,  
<http://environment-ecology.com/climate-change/135-climate-change-a-the-world-bank.html>

## How to Find Print Resources on the Shelf

To locate books on *Climate Change*, you may use the following call numbers:

B1	551.6
	577.22
	632.1
B2	304.25
	363.73874

## Reference Works

### Dictionaries and Encyclopedias

Fry, Juliane L., et al. **The Encyclopedia of Weather and Climate Change: A Complete Visual Guide**. Berkeley: University of California Press, 2010.

BA Call Number: 551.603 E5636 2010 (B4 -- Closed Stacks -- References)

Grafton, R. Quentin, et al. **A Dictionary of Climate and the Environment: Economics, Science, and Policy**. Cheltenham: Edward Elgar, 2012.

BA Call Number: Ref 338.92703 D5544 2012 (B4 -- References)

Maunder, William John. **Dictionary of Global Climate Change**. 2<sup>nd</sup> ed. London: UCL Press, 1994.

BA Call Number: Ref 551.603 M451 1994 (B4 -- References)

Munn, Ted, ed. **Encyclopedia of Global Environmental Change**. Chichester: Wiley, 2002.

BA Call Number: Ref 363.7003 E5636g 2002 (B4 -- References)

### Atlases:

عودة، خالد عبد القادر. **أطلس مخاطر التغيرات المناخية على السواحل المصرية: والسياسات الدفاعية الواجبة (الدراسة التفصيلية)**. أسيوط: جامعة أسيوط، ٢٠١٠.

BA Call Number: 551.60962 A966 2010 (B4 -- Closed Stacks -- References)

## Audiovisual Materials

**The 11th Hour.** DVD. United States: Warner Home Video, 2008.

BA Call Number: DVD 908 (B3 -- Arts & Multimedia Library -- Closed Stacks)

**An Inconvenient Truth.** DVD. Directed by Davis Guggenheim. Produced by Laurie David, Lawrence Bender and Scott Burns. Presented by Albert Gore. United Kingdom: Paramount Home Entertainment, 2007.

BA Call Number: DVD 693 (B3 -- Arts & Multimedia Library)

**Mission Climate.** CD-ROM. Halifax: EOA Scientific Systems, 2002.

BA Call Number: CDR 1573 (F1 -- Young's People Library -- AVM)

**Strange Days on Planet Earth.** DVD. Washington: National Geographic, 2008.

BA Call Number: DVD 1311- 1312 - 1313 (B3 -- Arts & Multimedia Library)

**Too Hot Not to Handle.** DVD. Produced by Susan Lester and Joseph Lovett. Written by Susan Joy Hassol. New York: Home Box Office Video, 2006.

BA Call Number: DVD 1359 (B3 -- Arts & Multimedia Library)

**Vision 2030: The Resilience of Water Supply and Sanitation in the Face of Climate Change: Summary and Policy Implications.** CD-ROM. Geneva: World Health Organization, 2010.

BA Call Number: CDR 2080 (F2 -- Closed Stacks)

## Electronic Resources

### Subscribed Databases



The Bibliotheca Alexandrina offers a variety of subscribed electronic databases to meet your research needs. Subscribed databases are only available within the library where you can freely access them and email results.

*Researchers* who own a library membership card may also contact the nearest reference desk to fill in a *Search Request Form* which will be processed by specialized librarians. The results will be emailed directly to the researcher. In addition, researchers can ask for specific electronic articles and/or book chapters to be sent to them, via the following e-mail: [e-article@bibalex.org](mailto:e-article@bibalex.org).

### **Full-Text Articles:**

The following databases may include full-text academic articles on *Biotechnology* and related topics:

- **Academic Search Complete.** EBSCO.
- **Environment Complete.** EBSCO.
- **Food Science Source.** EBSCO.
- **General OneFile.** GALE.
- **ScienceDirect.** Elsevier.
- **SpringerLink.** Springer.

### **Abstracts and Citations of Academic Articles:**

The following database may include abstract and bibliographical references of articles on *Biotechnology* and related topics:

- **EMBASE.** Elsevier.
- **Scopus.** Elsevier

### **e-References:**

- **Encyclopedia Britannica Online.**

### **Theses & Dissertations:**

- **ProQuest Dissertations and Theses (PQDT).** ProQuest.

### **e-Books:**

- **Digital Assets Repository (DAR).** Bibliotheca Alexandrina.  
<http://dar.bibalex.org> [accessed 19 Feb 2015]
- **ebrary.** ProQuest.
- **ScienceDirect.** Elsevier.
- **SpringerLink.** Springer.

## Subscribed Periodicals

The following periodicals include articles on *Climate Change* and related topics:

**Atmospheric and Climate Science (ACS).** Online e-periodical. Scientific Research. [www.scirp.org/journal/acs](http://www.scirp.org/journal/acs) [accessed 19 Feb 2015]

**Atmospheric Measurement Techniques.** Online e-periodical. Copernicus. [www.atmos-meas-tech-discuss.net](http://www.atmos-meas-tech-discuss.net) [accessed 19 Feb 2015]

**Atmospheric Research.** Elsevier. e-periodical. ScienceDirect (database). Elsevier.

**Carbon Balance and Management.** Online e-periodical. SpringerOpen. [www.cbmjournals.com](http://www.cbmjournals.com) [accessed 19 Feb 2015]

**Climate Change.** e-periodical. SpringerLink (database). Springer.

**Climate Diagnostics Bulletin.** Online e-periodical. United States. Department of Commerce. National Oceanic and Atmospheric Administration. Center for Weather and Climate Prediction. Climate Prediction Center. [www.cpc.ncep.noaa.gov/products/CDB](http://www.cpc.ncep.noaa.gov/products/CDB) [accessed 19 Feb 2015]

**Climate Dynamics.** Springer. e-periodical. Academic Search Complete (database). EBSCO.

**Climate of the Past (CP).** Online e-periodical. Copernicus. [www.clim-past.net/volumes\\_and\\_issues.html](http://www.clim-past.net/volumes_and_issues.html) [accessed 19 Feb 2015]

**Climate Policy.** Earthscan. e-periodical. Environment Complete (database). EBSCO.

**Climate Risk Management.** Online e-periodical. Elsevier. [www.elsevier.com/journals/climate-risk-management/2212-0963/open-access-journal](http://www.elsevier.com/journals/climate-risk-management/2212-0963/open-access-journal) [accessed 19 Feb 2015]

**Climate.** Online e-periodical. Multidisciplinary Digital Publishing Institute. [www.mdpi.com/journal/climate](http://www.mdpi.com/journal/climate) [accessed 19 Feb 2015]

**International Journal of Greenhouse Gas Control.** Elsevier. e-periodical. ScienceDirect (database). Elsevier.

**Journal of Applied Meteorology and Climatology.** American Meteorological Society. e-periodical. Environment Complete (database). EBSCO.

**Journal of Climate.** American Meteorological Society. e-periodical. Academic Search Complete (database). EBSCO.

**Tellus. Series B. Chemical and Physical Meteorology.** International Meteorological Institute. Blackwell. e-periodical. Academic Search Complete (database). EBSCO.

**Theoretical & Applied Climatology.** Springer. e-periodical. SpringerLink (database). Springer.

**Urban Climate.** Elsevier. e-periodical. ScienceDirect (database). Elsevier.

## Open Access Journals

**American Journal of Climate Change.** Online e-periodical. Scientific Research Publishing.

<http://www.scirp.org/journal/ajcc/> [accessed 19 Feb 2015]

**British Journal of Environment and Climate Change.** Online e-periodical. Science Domain International.

<http://www.sciencedomain.org/journal-home.php?id=10> [accessed 19 Feb 2015]

**Climate.** Online e-periodical. Multidisciplinary Digital Publishing Institute.

<http://www.mdpi.com/journal/climate> [accessed 19 Feb 2015]

**Global Environmental Change.** Online e-periodical. Elsevier.

<http://www.journals.elsevier.com/global-environmental-change/open-access-articles/> [accessed 19 Feb 2015]

**Journal of Earth Science & Climatic Change.** Online e-periodical. OMICS International.

<http://omicsonline.org/archive-earth-science-climatic-change-open-access.php>  
[accessed 19 Feb 2015]



## Web Resources

You may find useful information on *Vaccines* offered by the following web sites:

**Center for Climate and Energy Solutions.**

[www.c2es.org](http://www.c2es.org) [accessed 19 Feb 2015]

**Climate Change.**

<http://on-climate.com/> [accessed 19 Feb 2015]

**“Climate Change”. Food and Agriculture Organization of the United Nations (FAO).**

[www.fao.org/clim](http://www.fao.org/clim) [accessed 19 Feb 2015]

**“Climate Guide”. Met Office.**

[www.metoffice.gov.uk/climate-guide](http://www.metoffice.gov.uk/climate-guide) [accessed 19 Feb 2015]

**“Climate Change”. United Nations Development Programme (UNDP).**

[www.undp.org/climatechange](http://www.undp.org/climatechange) [accessed 19 Feb 2015]

**“Climate Change”. United Nations Environment Programme (UNEP).**

[www.unep.org/climatechange](http://www.unep.org/climatechange) [accessed 19 Feb 2015]

**“Climate Change”. United States. Environmental Protection Agency (U.S. EPA).**

[www.epa.gov/climatechange/index.html](http://www.epa.gov/climatechange/index.html) [accessed 19 Feb 2015]

**“Climate Change”. The World Bank (WB).**

<http://www.worldbank.org/en/topic/climatechange> [accessed 10 Mar 2014]

**“Climate Change at the National Academies”. Division on Earth & Life Studies.**

<http://nas-sites.org/americasclimatechoices/> [accessed 19 Feb 2015]

**Climate Institute.**

[www.climate.org](http://www.climate.org) [accessed 10 Mar 2014]

**“Educational Global Climate Modeling (EdGCM)”. Columbia University in the City of New York.**

<http://edgcm.columbia.edu/> [accessed 19 Feb 2015]

**“Global Climate Observation System (GCOS)”. World Meteorological Organization (WMO).**

[www.wmo.ch/pages/prog/gcos/](http://www.wmo.ch/pages/prog/gcos/) [accessed 19 Feb 2015]

Riebeek, Holli. "Global Warming". NASA. Earth Observatory.  
<http://earthobservatory.nasa.gov/Features/GlobalWarming/> [accessed 19 Feb 2015]

**Intergovernmental Panel on Climate Change (IPCC).**  
[www.ipcc.ch](http://www.ipcc.ch) [accessed 19 Feb 2015]

**United Nations Framework Convention on Climate Change (UNFCCC).**  
<http://unfccc.int/> [accessed 19 Feb 2015]

**United States Global Change Research Program.**  
[www.globalchange.gov](http://www.globalchange.gov) [accessed 19 Feb 2015]

«الأمم المتحدة وتغير المناخ». الأمم المتحدة.

<http://www.un.org/climatechange/ar/> [accessed 19 Feb 2015]

## International Organizations & Research Centers

**Center for Climate and Energy Solutions.**

[www.c2es.org](http://www.c2es.org) [accessed 19 Feb 2015]

**Climate Institute.**

[www.climate.org](http://www.climate.org)

**Climate Solutions.**

[www.climatesolutions.org](http://www.climatesolutions.org) [accessed 19 Feb 2015]

**Ecointernet.**

[www.ecointernet.org](http://www.ecointernet.org) [accessed 19 Feb 2015]

**Environmental Change Network.**

[www.ecn.ac.uk](http://www.ecn.ac.uk) [accessed 19 Feb 2015]

**Intergovernmental Panel on Climate Change (IPCC).**

[www.ipcc.ch](http://www.ipcc.ch) [accessed 19 Feb 2015]

**United Nations Environment Program (UNEP).**

[www.unep.org/climatechange](http://www.unep.org/climatechange) [accessed 19 Feb 2015]

**United Nations Framework Conventions on Climate Change (UNFCCC).**

[www.unfccc.int/2860.php](http://www.unfccc.int/2860.php) [accessed 19 Feb 2015]

**World Meteorological Organization.**

[www.wmo.int](http://www.wmo.int) [accessed 19 Feb 2015]

## Organizations in Egypt:

**Arab Youth Climate Movement (AYCM).**

[www.aycm.org](http://www.aycm.org) [accessed 19 Feb 2015]

**SEKEM Initiative.**

[www.sekem.com](http://www.sekem.com) [accessed 19 Feb 2015]