

Reading List and References for Climate Change: The Move to Action

[U MICH E Journals](#)  
[WEB O' SCIENCE](#)  
[SCIENCE DIRECT](#)

F= Foundational Material

	Title	Au (Last)	Au (First)	A U	CI	Date	Publisher	City	Pages	Comments
<b>ASSIGNED READINGS</b>										
<a href="#">GO</a>	The Discovery of Global Warming	Wear	S.			2003-2005	American Institute of Physics			Expanded web version of printed book. This is a very nice discussion of climate change, with a good historical perspective.
<a href="#">GO</a>	The Carbon Dioxide Greenhouse Effect (Chapter)	Wear	S.			2003-2005	American Institute of Physics			Chapter in Wear's Book looking at the understanding of the greenhouse effect from a historical point of view.
<a href="#">GO</a>	Simple Models of Climate (Chapter)	Wear	S.			2003-2005	American Institute of Physics			Chapter in Wear's Book looking at conceptual and heuristic models of climate change, ending with the advent of modern, physically-based models.
<a href="#">GO</a>	Radiative Forcing of Climate Change	NAS, NRC				2005	The National Academy Press	Washington, DC		Chapter 1 Assigned
<a href="#">GO</a>	Climate Change 2001:	IPCC, WMO, UNEP				2001	IPCC Secretariat	Geneva, Switzerland	98 pages	"Official" summary of science issues and predictions for policy makers in 2001. Reports on Mitigation and Adaptation. This is the vetted "official" position from a merger of scientists, policy makers, etc.
<a href="#">GO</a>	Living with a variable sun	Lean	J.			June, 2005	Physics Today,		32-38	The starting place to understand the role of the sun in climate variability. Excellent references.
<a href="#">GO</a>	Amplification of Surface Temperature Trends and Variability in the Tropical Atmosphere	Santer	B. D.	+		2005	Science, 309		1551-1556	One of three 9/2/2005 Science papers that correct fundamental data question about temperature trends.
<a href="#">GO</a>	Winners and loser in the context of global change	O'Brien	K.	+		2003	Annals of the Association of American Geographers, 93		89-102	Assigned for Lemos Lectures
<a href="#">GO</a>	Potential impacts of a warming climate on water availability in snow-dominated regions	Barnett	T. P.	+		2005	Nature, 438		303-309	For Lecture on Ethics
<a href="#">GO</a>	An Introduction to Simple Climate Models	IPCC, WMO, UNEP				2001	IPCC Secretariat	Geneva, Switzerland		Chapter 2 assigned
<a href="#">GO</a>	Ecological Response to Recent Climate Change	Walther	G.-R.	+		2002	Nature, 416		389-395	
<a href="#">GO</a>	A Climate Repair Manual	Stix	G.			2006	Scientific American, 295		46-49	
<a href="#">GO</a>	A Plan to Keep Carbon in Check	Socolow	R. H.	+		2006	Scientific American, 295		50-57	
<a href="#">GO</a>	Stern Review on the Economics of Climate Change	Stern	N			2006	UK HM-Treasury			Executive Summary

<b>ASSIGNED VISUALS</b>										
<a href="#">GO</a>	Tour of the Cryosphere									Excellent visualization with animation or narrative of cryosphere. South Pole to North Pole. Ice caps, glaciers, radiative balance, albedo.
<a href="#">GO</a>	Satellite and Field Experiment Show Warming and Cooling Effect of Aerosols									This is a nice example of warming and cooling effect of aerosols over India. Shows how satellite and aircraft campaign data work together. (Should have been assigned earlier, prior to lecture, 3a or 3b)

<b>AUDIO</b>										
	NPR									
<a href="#">GO</a>	ALL THINGS CONSIDERED Natural Variability Versus Climate Change					10-Jan-07				

<a href="#">GO</a>	DIANE REHM: Climate Change Initiatives in new congress	8-Jan-07
<a href="#">GO</a>	WEEKEND EDITION: Mild Winter - Climate Change?	7-Jan-07
<a href="#">GO</a>	FRESH AIR: Green Evangelist Richard Cisk (National Association of Evangelicals and Climate Change)	19-Dec-06
<a href="#">GO</a>	FRESH AIR: Weather Makers' Seeks to End Climate Debate	22-Mar-06
<a href="#">GO</a>	MARKET PLACE: Search of "Global Warming"	
<a href="#">GO</a>	MARKET PLACE: Search of "Climate Change"	
<a href="#">GO</a>	MARKET PLACE: Series on the Arctic	
<a href="#">GO</a>	ON POINT: Business and Climate	29-Jan-07
	BBC	
<a href="#">GO</a>	Search of BBC Radio for Climate	
<a href="#">GO</a>	Big Business Climate Meeting	11-Jan-07
<a href="#">GO</a>	European Energy Revolution: Industrial Change	11-Jan-07
<a href="#">GO</a>	European Union Energy Policy Global Warming and European Cooling: Cut off of Thermohaline circulation	10-Jan-07
<a href="#">GO</a>		22-Jan-05

## GLOSSARY

<a href="#">GO</a>	Glossary of Weather and Climate Terms	Web-based collection of weather and climate terms
<a href="#">GO</a>	Definition of energy terms and units	

## JOURNAL ARTICLES

If you believe in science, in anonymous review, then these are the most reliable documents. But things can go wrong!

### Summaries

<a href="#">GO</a>	When Did Humans First Alter Climate	Ruddiman	W. F.	2005	Scientific American, <b>292</b> , 3	46-53	
<a href="#">GO</a>	Abrupt Climate Change	Alley	R. B.	2004	Scientific American, <b>291</b> , 5	62-69	Alley is a name to search on in the citation index for entrée into the field
<a href="#">GO</a>	Defusing the Global Warming Time Bomb	Hansen	J. E.	2004	Scientific American, <b>290</b> , 3	68-77	
<a href="#">GO</a>	Interpretations of High Projections for Global-mean Warming	Wigley	T. M. L.	+ 2001	Science, <b>293</b>	451-454	

### Physical Climate

<a href="#">GO</a>	The Effect of Diurnal Correction on Satellite-Derived Lower Tropospheric Temperature	Mears	C. A.	+ 2005	Science, <b>309</b>	1548-1551	One of three 9/2/2005 Science papers that correct fundamental data question about temperature trends.
<a href="#">GO</a>	Amplification of Surface Temperature Trends and Variability in the Tropical Atmosphere	Santer	B. D.	+ 2005	Science, <b>309</b>	1551-1556	One of three 9/2/2005 Science papers that correct fundamental data question about temperature trends.
<a href="#">GO</a>	Radiosonde Daytime Biases and Late-20th Century Warming	Sherwood	S. C.	2005	Science, <b>309</b>	1556-1559	One of three 9/2/2005 Science papers that correct fundamental data question about temperature trends.
<a href="#">GO</a>	Climate and atmospheric history of the past 420,000 years from the Vostok ice core, Antarctica	Petit	J. R.	+ 1999	Nature, <b>399</b>	429-436	This paper describes the historical CO2 and T data in the ice corps. This and references, therein, describe fundamental data set. (One of my canonical figures.)

<a href="#">GO</a>	The Spatial Extent of 20th-Century Warmth in the Context of the Past 1200 Years	Osborn	T. J.	+	2006	Science, <b>311</b>	841-844	This paper establishes that the warming of the past decade has a greater geographical extent than recorded warmings in the past.
<a href="#">GO</a>	Northern Hemisphere Ice-Sheet Influences on Global Climate Change	Clark	P. U.	+	1999	Science, <b>286</b>	1104-1111	Review paper of the role of ice in climate and thermohaline circulation
<a href="#">GO</a>	Penetration of Human-Induced Warming into the World's Oceans	Barnett	T. P.	+	2005	Science, <b>309</b>	284-287	Paper that uses both observations and models to show that the oceans are warming due to greenhouse gases emitted by humans

Paleoclimate

<a href="#">GO</a>	Atmospheric concentrations of the carbon dioxide over the last 60 million years	Pearson	P.N.	+	2000	Nature, <b>406</b>	695-699	
	Radiative effects of enhanced CO2	Kiehl	J.	+	1987	J. Geophys. Res., <b>92</b>	2991-2998	Radiative transfer calculations for CO2 concentrations

Weather, Weather and Climate

	Hurricanes and global warming	Pielke, Jr	R. A.	+	2005	Bull. Amer. Met. Soc., <b>86</b>	1571-1575	Summary of whether or not recent hurricane activity can be attributed to global warming. Good introduction to scientific literature.
<a href="#">GO</a>	Increasing destructiveness of tropical cyclones over the past 30 years	Emanuel	K.		2005	Nature, <b>436</b>	686-688	Important paper documenting an increase in hurricane strength, attributed to increased sea surface temperature, which is attributed to global warming
<a href="#">GO</a>	Changes in tropical cyclone number, duration, and intensity in a warming environment	Webster	P. J.	+	2005	Science, <b>309</b>	1844-1846	Important paper documenting hurricane behavior in the past 30 years. Complex statistical analysis, that looks at both number and intensity.
<a href="#">GO</a>	The recent increase in Atlantic hurricane activity: Causes and implications	Goldenberg	S. B.	+	2001	Science, <b>293</b>	474-479	Paper that discusses hurricane increase starting in mid-90's as predictable from documented climate variability. Entrée into literature on natural variability
<a href="#">GO</a>	Slowing of the Atlantic meridional overturning circulation at 25° N	Bryden	H. L.	+	2005	Nature, <b>438</b>	655-657	Paper that claims measureable decreases of the thermohaline circulation in the ocean. Subject to significant question because of quality of the observations and difficulty of the measurement. Important suggestive study.
<a href="#">GO</a>	Comment on "Changes in Tropical Cyclone Number, Duration, and Intensity in a Warming Environment"	Chan	J. C. L.		2006	Science, <b>311</b>	1713	
<a href="#">GO</a>	Response to Comment on "Changes in Tropical Cyclone Number, Duration, and Intensity in a Warming Environment"	Webster	P. J.	+	2006	Science, <b>311</b>	1713	

Solar Variability

	Living with a variable sun	Lean	J.		2005	Physics Today,	32-38	The starting place to understand the role of the sun in climate variability. Excellent references.
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Arctic Ice and Permafrost

<a href="#">GO</a>	Changes in the Velocity Structure of the Greenland Ice Sheet	Rignot	E.	+	2006	Science, <b>311</b>	986-990	Paper that documents changes flow and melt rate of many glaciers in Greenland
<a href="#">GO</a>	Special Online Collection: Climate Change -- Breaking the Ice				2006	Science, <b>311</b>		

Regional Climate

	Regional climate modeling: Progress, challenges, and prospects.	Wang	Y. K.	+	2004	Journal of the Meteorological Society of Japan, <b>82</b>	1599-1628	This is a thorough review, with an excellent reference list. Note, in particular, the work of F. Giorgi in defining the field. Excellent entre into the field.
	Project to intercompare regional climate simulation (PIRCS): Description and initial results	Takele	E. S.	+	1999	J. Geophys. Res., <b>104</b>	19443-19461	Takele and Pan are good names for getting into the literature.
	Evaluation of uncertainties in regional climate change simulations	Pan	Z.	+	2001	J. Geophys. Res., <b>104</b>	17735-17751	Takele and Pan are good names for getting into the literature.

Ecosystems

<a href="#">GO</a>	Ecological Response to Recent Climate Change	Walther	G.-R.	+	2002	Nature, <b>416</b>	389-395	
<a href="#">GO</a>	Ecological Consequences of Recent Climate Change	McCarty	J. P.		2001	Conservation Biology, <b>15</b>	320-331	
Human Health								
<a href="#">GO</a>	ENSO and cholera: A nonstationary link related to climate change?	Rodo	X.	+	2002	Proceedings of the National Academy of Sciences, <b>99</b>	12901-12906	
Business								
	More Profit with Less Carbon	Lovins	A. B.		2005	Scientific American, <b>293</b> , 3	74-83	
<a href="#">GO</a>	Climate Change Strategy: The Business Logic Behind Voluntary Greenhouse Gas Reductions	Hoffman	A. J.		2005	California Management Review, <b>47</b>	21-46	
Ethics								
<a href="#">GO</a>	Winners and loser in the context of global change	O'Brien	K.	+	2003	Annals of the Association of American Geographers, <b>93</b>	89-102	Assigned for Lemos Lectures
<a href="#">GO</a>	Scales of governance and environmental justice for adaptation and mitigation of climate change	Adger	W. N.		2001	Journal of International Development, <b>13</b>	921-931	Assigned for Lemos Lectures
Mitigation								
<a href="#">GO</a>	Toward a Hydrogen Economy (Special Issue of Science Magazine)				2004	Science, <b>305</b>		Special issue of magazine with articles on carbon reduction.
<a href="#">GO</a>	Stabilization wedges: Solving the climate problem for the next 50 years with current technologies	Pacala	S.	+	2004	Science, <b>305</b>	968-974	Paper that has motivated much discussion about "solving" the carbon problem
	Can we bury global warming?	Socolow	R. H.		2005	Scientific American, <b>293</b> ,1	49-55	
	Capturing Greenhouse Gases	Herzog	H.	+	2002	Scientific American, <b>282</b> ,2	72-79	

## BOOKS

General  
Weather,  
Climate, and  
Climate Change

	Guide to Weather	Reynolds	Ross		2005	Firefly Books	Buffalo, NY	208 pages	Global weather, weather, environmental issues, good glossary and web links to weather and climate organizations
	Primer on Greenhouse Gases	Wuebbles	Donald	+	1991	Lewis Publishers	Chelsea, MI	230 pages	Greenhouse gases, their importance, lifetimes, sources, etc.
	Global Warming: A Very Short Introduction	Maslin	M		2004	Oxford University Press	Oxford, UK	162 Pages	
	Global Warming: The Complete Primer	Houghton	John	F	2004(3rd)	Cambridge University Press	New York, NY	351 pages	The title says it all. This is the basic science and a discussion of impacts.
	Divine Wind: The History and Science of Hurricanes	Emanuel	Kerry		2005	Oxford University Press	Oxford, UK	396 pages	HAVE NOT READ THIS YET
	The Earth System	Kump	L. R.	+	F 2004 (2nd)	Pearson Education	Upper Saddle River, NJ	420 pages	Introductory text book on Earth as a system, global change, predicted climate change. It's well written and seems to touch all of the points. (Warming, ozone, and bioersity tagged as issues of present and future concerns.)
<a href="#">GO</a>	The Discovery of Global Warming	Weart	S.	F	2003-2005	American Institute of Physics			Expanded web version of printed book. This is a very nice discussion of climate change, with a good historical perspective.
<a href="#">GO</a>	The Carbon Dioxide Greenhouse Effect (Chapter)	Weart	S.		2003-2005	American Institute of Physics			Chapter in Weart's Book looking at the understanding of the greenhouse effect from a historical point of view.

<a href="#">GO</a>	Simple Models of Climate (Chapter)	Weart	S.	2003-2005	American Institute of Physics			Chapter in Weart's Book looking at conceptual and heuristic models of climate change, ending with the advent of modern, physically-based models.
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Climate Change and Policy

	Climate Change: Debating America's Policy Options	Victor	David	F	2004	Council on Foreign Relations	New York, NY	166 pages Science summary for "the President," with three proposed policy options. Good list of useful web sites
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	The Science and Politics of Global Climate Change	Dessler	Andrew	+	2006	Cambridge University Press	New York, NY	250 pages HAVE NOT READ THIS YET
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	The Skeptical Environmentalist	Lomborg	Bjorn		2001	Cambridge University Press	New York, NY	515 pages Controversial book, with some interesting ideas. I have not fully studied it. What interests me is the discussion (here, and in a following book) of how climate should be prioritized relative to other problems of environment, health, public health, economy, etc.
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Environmental Economics

<a href="#">AMAZON BOOK</a>	Environmental and Natural Resource Economics (7th Edition)	Tietenberg	T.	F	2005	Addison Wesley		656 pages Recommended Introduction to the Field from M. Moore Lecture
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Science, Complexity, Thinking

	Consilience	Wilson	E. O.		1998	Knopf		392 pages The first chapter of this book is a great discussion of reductionist investigation and unified, or integrating thinking. Dense reading.
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REPORTS

IPCC

<a href="#">GO</a>	Climate Change 2001:	IPCC, WMO, UNEP			2001	IPCC Secretariat	Geneva, Switzerland	98 pages "Official" summary of science issues and predictions for policy makers in 2001. Reports on Mitigation and Adaptation. This is the vetted "official" position from a merger of scientists, policy makers, etc.
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<a href="#">GO</a>	An Introduction to Simple Climate Models	IPCC, WMO, UNEP			2001	IPCC Secretariat	Geneva, Switzerland	Chapter 2 assigned for AOSS 605 class reading
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<a href="#">GO</a>	Climate Change 2001: Impacts, Adaptation and Vulnerability	IPCC, WMO, UNEP			2001	IPCC Secretariat	Geneva, Switzerland	Supplemental reference provided by Lemos
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National Academy

<a href="#">GO</a>	National Academy Press							This is the main web site for the National Academy of Sciences Press. The publications of the National Academy / National Research Council are vetted, rigorously, by the science community. The consensus documents are reviewed. Generally a study is requested by one or more agencies, or Congress, or the President.
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<a href="#">GO</a>	Radiative Forcing of Climate Change	NAS, NRC			2005	The National Academy Press	Washington, DC	Chapter 1 Assigned for AOSS class reading
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Adaptation

<a href="#">GO</a>	Alaska Native Villages: Most are affected by flooding and erosion, but few qualify for federal assistance.				2003	General Accounting Office		Evaluation of vulnerability of Alaskan villages. This vulnerability is increasing "due in part to rising temperatures." Cost of moving is high, economic benefit is low; hence, government assistance is limited.
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WEB RESOURCES

News/Press Release

<a href="#">GO</a>	AAAS Press releases							You can find all sorts of stuff on the web. Some is very, very good. Some is nonsense.
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General

<a href="#">GO</a>	Scientific Visualization Studio at NASA Goddard	Images, animations, and educational productions on all sorts of NASA data, including climate.
<a href="#">GO</a>	NASA's Earth Observatory	Images and illustrated descriptive reports about all aspects of Earth science. Features of journal papers as well.
Climate Research Centers		
<a href="#">GO</a>	US Climate Prediction Center	This is, in general, not greenhouse gas global change. It does have a lot of climate information, and shows the type of climate information provided by the government. This is often customer oriented information, and shows the sort of real information that is provided and used.
<a href="#">GO</a>	National Climatic Data Center	The United States' "official" center for climate data. There is data here, plus an impressive array of projects focussed on making climate data sets.
<a href="#">GO</a>	World Data Center For Meteorology // @ National Climatic Data Center	
<a href="#">GO</a>	CLIMATE MONITORING REPORTS @ National Climatic Data Center	y
<a href="#">GO</a>	National Oceanographic Data Center	Data Sets and Analyses on Ocean Temperature Change and Salinity Changes, etc.
<a href="#">GO</a>	Hadley Center	Website for major climate research center
<a href="#">GO</a>	Goddard Institute for Space Studies (GISS) Primary Web Page	Website for NASA's premier climate modeling activities. Contains research and educational material. Research also includes adaptation.
<a href="#">GO</a>	National Center for Atmospheric Research	Website for major US research center in all aspects of atmospheric science, including all aspects of the climate system. Parts of NCAR investigate social consequences, etc.
<a href="#">GO</a>	Woods Hole Ocean and Climate Change Institute	
<a href="#">GO</a>	Max Planck Institute Hamburg	Website for major climate research center
<a href="#">GO</a>	International Arctic Research Center; Fairbanks, Alaska	
<a href="#">GO</a>	Polar Science Center at the University of Washington	Good place to learn about the importance of the poles in climate.
<a href="#">GO</a>	NOAA Earth Systems Research Laboratory (Boulder)	Greenhouse gas trends
Different Points of View		
<a href="#">GO</a>	Increasing carbon dioxide and global climate change	A speech that claims there is not link of recent warming and CO2 increases, but there is an improvement in crop productivity. A good paper for analysis of argument, and to promote thinking about supportable and unsupportable statements. (see Soon et al. in Climate Research)
<a href="#">GO</a>	Competiveness Enterprise Institute	Climate Change as a Threat to Economic Development and based on Dubious Science
<a href="#">GO</a>	Junk Science.COM	Organization which challenges the credibility and integrity of the science and the science community
Physical Climate		
<a href="#">GO</a>	Introduction to CERES instrument.	This is the CERES brochure. Especially the figure in Clouds and Energy Cycle. (Recommended to AOSS 605)
<a href="#">GO</a>	NCAR Discussion of the Earth System	
<a href="#">GO</a>	NCAR Discussion of the Basics of Weather and Climate	
<a href="#">GO</a>	Science Brief by Jim Hansen. Story-like discussion of CO2, CH4, and Temperature	Compare/Read with Marshall Insitute document.
<a href="#">GO</a>	NASA GISS update on 2005 Temperatures. (Warmest Year)	One of 3 well publicized analyses of global temperature.

<a href="#">GO</a>	Tour of the Cryosphere					Excellent visualization with annotation or narrative of cryosphere. South Pole to North Pole. Ice caps, glaciers, radiative balance, albedo.
<a href="#">GO</a>	Satellite and Field Experiment Show Warming and Cooling Effect of Aerosols					This is a nice example of warming and cooling effect of aerosols over India. Shows how satellite and aircraft campaign data work together. (Should have been assigned earlier, prior to lecture, 3a or 3b)
<a href="#">GO</a>	Discussion of Abrupt Climate Change (Woods Hole)					Discussion of climate change and the possibility and scope of abrupt climate change; that is, changes in the ocean circulation
<a href="#">GO</a>	Discussion of Abrupt Climate Change (Lamont Doherty)					Well referenced discussion of Abrupt Climate Change
<a href="#">GO</a>	Salinity Increases (Curry at Woods Hole)					Very nice figures of salinity trends in the Atlantic
Climate and Ecosystems						
<a href="#">GO</a>	Climate change and the Great Lakes					This web site is based on the U.S. Regional Assessments. You can find other regions from this web site.
<a href="#">GO</a>	Great Lakes Radio Consortium					Environmental focused news organization
<a href="#">GO</a>	Season Creep				Clear the Air http://www.cleartheair.org/	An analysis of the impact of climate change on seasonal cycles.
Climate and Health						
Climate and Society						
<a href="#">GO</a>	Tyndall Centre for Climate Change Research					Multi-disciplinary center for climate change, science, economics, social scientists
Climate and Policy						
<a href="#">GO</a>	Pew Center on Global Climate Change					Climate change from the perspective of a policy institute
<a href="#">GO</a>	Environmental Literacy Council: Kyoto Protocol Information					A nice description of the Kyoto Protocol with some good references.
<a href="#">GO</a>	National Council for Science and the Environment					Contains Congressional Research Service analysis of Kyoto Protocol, etc.
<a href="#">GO</a>	United Nations Framework Convention on Climate Change: Contains the UNFCCC and the Kyoto Protocol					
<a href="#">GO</a>	United Nations Framework Convention on Climate Change: Contains the UNFCCC and the Kyoto Protocol					Contains a lot on information on Climate Change, Climate Change Policy, etc.
Climate and Business						
<a href="#">GO</a>	Corporate Strategies for Climate Change	Hoffman	A.J.	2006	Pew	
<a href="#">GO</a>	Coalition of investors, environmental groups, public interest organizations, working with companies					Investors and Environmentalists for Sustainable Prosperity
<a href="#">GO</a>	CERES: Corporate Governance					
<a href="#">GO</a>	Corporate Governance and Climate Change: Making the Connection (Executive Summary)			2006	CERES Boston, MA	Evaluation of 100 Major Companies relative to metrics of how climate change is perceived. (Compare to 2003 study)
<a href="#">GO</a>	Corporate Governance and Climate Change: Making the Connection			2006	CERES Boston, MA	Evaluation of 100 Major Companies relative to metrics of how climate change is perceived. (Compare to 2003 study)
<a href="#">GO</a>	Corporate Governance and Climate Change: Making the Connection (Executive Summary)			2003	CERES Boston, MA	Evaluation of 30 Major Companies relative to metrics of how climate change is perceived. (Compare to 2006 study)
<a href="#">GO</a>	Corporate Governance and Climate Change: Making the Connection			2003	CERES Boston, MA	Evaluation of 30 Major Companies relative to metrics of how climate change is perceived. (Compare to 2006 study)

CARBON  
MARKETS

<a href="#">GO</a>	European Climate Exchange	This page contains an introduction to basic ideas, and links to several markets
<a href="#">GO</a>	POWERNEXT CARBON	
<a href="#">GO</a>	Chicago Climate Exchange	

FAITH /  
RELIGION

<a href="http://www.nrpe.org/">http://www.nrpe.org/</a>	Faith Commnty: Creation Stewardship	
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NEWS  
REPORTS

**NEW NEWS** FROM WINTER 2007 CLASS

Summaries

<a href="#">GO</a>	American Enterprise Institute Offers to pay scientists for articles refuting global warming	2-Feb-07	The Guardian	
<a href="#">GO</a>	New York Times on IPCC Release	2-Feb-07	New York Time	
<a href="#">GO</a>	Washington Post: Collection of Articles on Climate Change		Washington Post	
<a href="#">GO</a>	IPCC: Pre release	29-Jan-07	New Scientist	
<a href="#">GO</a>	IPCC "Too Rosey"	29-Jan-07	Associated Press	
<a href="#">GO</a>	Washington and Climate Change	28-Jan-07	Associated Press	
<a href="#">GO</a>	IPCC "Smoking Gun"	22-Jan-07	Associated Press	
<a href="#">GO</a>	AAAS Press Release on Shismaref, Alaska, Climate Change and Moving the Village	6-Dec-06		

NEWS  
REPORTS

**OLD NEWS** FROM WINTER 2006 CLASS

Summaries

<a href="#">GO</a>	2005: The year in environment	Pickrell John	29-Dec-05	New Scientist	Good summary of year in review with links to quality science news reporting (Good starting point for exploration.)
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Physical Climate

<a href="#">GO</a>	2005 continues the warming trend	Eitperin Juliet	16-Dec-05	Washington Post	Washington, DC	
<a href="#">GO</a>	Falling ocean current raises fears of mini ice age	Pearce Fred	30-Nov-05	New Scientist		Changes in gulf stream. Thermohaline circulation? Cooling as part of warming?
<a href="#">GO</a>	Europe: Scientists fear northwest could get colder if global warming continues	Bransten Jeremy	1-Dec-05	Truthnews		Changes in gulf stream. Thermohaline circulation? Cooling as part of warming?
<a href="#">GO</a>	Climate Change: A Sea Change	Schiermeier Q.	28-Jun-05	Nature, 439		256-260

Weather,  
Weather and  
Climate

<a href="#">GO</a>	With findings on storms, centrist recasts warming debate	Dreifus Claudia	10-Jan-06	New York Times NY	New York, NY	Interview with Kerry Emanuel on hurricanes and climate change. Good for careful reading and thinking about the words.
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Arctic Ice and  
Permafrost

<a href="#">GO</a>	Arctic meltdown speeding up	Boyd Robert	12-Jan-06	Detroit Free Press	Detroit, MI	
<a href="#">GO</a>	Climate warming as Siberia melts	Pearce Fred	11-Aug-05	New Scientist		Permafrost melting the size of France and Germany
<a href="#">GO</a>	The Greenland Ice Sheet and Global Sea-Level Rise	Dowdeswell J. A.	28-Jun-05	Science, 311		963-964
<a href="#">GO</a>	Greenland Ice Loss Doubles in Ten Years, Speeding Sea Level Rise		17-Feb-06	Environment News Service		

Ecosystems

<a href="#">GO</a>	Frog Killer is linked to global warming	Revkin Andrew	12-Jan-06	New York Times NY	New York, NY	
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<a href="#">GO</a>	Underlying cause of massive pinyon-pine die-off revealed	Jensen	Marl N.		10-Oct-05	U of Arizona Press Release		Links die off to drought occurring in presence of higher temperatures. How robust is the attribution?
Human Health								
<a href="#">GO</a>	Study Supports Possible Connection between Climate Change and Malaria Rise				21-Mar-06	Scientific American (.com)		
<a href="#">GO</a>	A Human Disease Indicator for the Effects of Recent Climate Change (Commentary)	Patz	J. A.		24-Jun-05	Proceedings of the National Academy of Sciences, 99	12506-12508	COMMENTARY: Climate Change and Health with References. (This is essentially referred literature!)
BUSINESS								
<a href="#">GO</a>	World's big polluters to fund clean energy projects	Nichols	M.		11-Jan-06	Reuters		Asia Pacific Partnership on Clean Development and Climate (See note.)
<a href="#">GO</a>	The race against climate change.	Aston	A	+	12-Dec-05	Business Week		Business week article on "green companies." There are many "online extras," including charts. In addition, there are reader comments added on line.
<a href="#">GO</a>	In Asia, a hot market for carbon	Balfour	F.	+	12-Dec-05	Business Week		
<a href="#">GO</a>	The new green fuel: Coal producer goes clean	Arndt	M.		26-Sep-05	Business Week		Article on electric power generation and attempts to make coal cleaner. (Look to see what United Mine Workers have on climate.)
<a href="#">GO</a>	Maybe in my backyard	Carey	J.		5-Sep-05	Business Week		How global warming might motivate nuclear power.
<a href="#">GO</a>	Let Katrina be a warning	Carey	J.		1-Sep-05	Business Week		Number of policy recommendations in here.
<a href="#">GO</a>	Alternate power: A change is in the wind	Carey	J.	+	4-Jul-05	Business Week		
<a href="#">GO</a>	Global warming: Suddenly the climate in Washington is really heating up	Carey	J.		27-Jun-05	Business Week		Editorial
<a href="#">GO</a>	Global Warming (Cover Story)	Carey	J.	+	16-Aug-04	Business Week		
<a href="#">GO</a>	The Costs of Global Warming	Schiermeier	Q.		2006	Nature, 439	374-375	
<a href="#">GO</a>	Environmental Impact (CEO's Forum)				Jan-Feb 2006	nyse Magazine		
<a href="#">GO</a>	New RMS View of U.S. Hurricane Activity Rates Increases Losses by 40% in Florida and Gulf Coast	PRNewswire			23-Mar-06	chron.com		

**POSSIBLE READINGS**

**UNCATALOGUED REFERENCES**

<a href="#">GO</a>	Confronting Climate Change in the Great Lakes Region: Impacts on Our Communities and Ecosystems	Kling	G. W.	+	2003			
<a href="#">GO</a>	The Slow Drowning of New Orleans	Grunwald	M.	+	10/9/2005	Washington Post	Washington, DC	
<a href="#">GO</a>	Influence of the Atlantic Subpolar Gyre on the Thermohaline Circulation	Hatun	H.	+		Science, 309	1841-1844	Paper that discusses increase of salt transport to the North Atlantic because of changes in the surface currents
<a href="#">GO</a>	Potential climate change impacts on mountain watersheds in the Pacific Northwest	Leung	R. L.	+	1991	J. AM WATER RES ASSOC., 35	1463-1471	
<a href="#">GO</a>	Emissions Trading in the U.S.: Experience, Lessons and Considerations for Greenhouse Gases	Ellerman	A. D.	+	2003	Pew		
<a href="#">GO</a>	International Climate Efforts Beyond 2012: Report of the Climate Dialogue at Pocomantic				2005	Pew		
<a href="#">GO</a>	Successful adaptation to climate change across scales	Adger	W. N.	+	4b	2005	Global Environmental Change, 15	77-86 Supplemental reference provided by Lemos
<a href="#">GO</a>	Climate and Trade: Links Between the Kyoto Protocol and WTO	Frankel	J.	+	4b	2005	Environment, 47	08-019 Supplemental reference provided by Lemos
<a href="#">GO</a>	Adaptation and the state: Latin America and The challenge of capacity-building under globalization.	Eakin	H.	+	4b	2006	Global Environmental Change, in press	Supplemental reference provided by Lemos
<a href="#">GO</a>	Low sea level rise projections from mountain glaciers and icecaps under global warming	Raper	S. C. B.	+	2006	Nature, 439	311-313	
<a href="#">GO</a>	Union of Concerned Scientists: Global Warming							

		Meehl	J.		2004	J. Climate	Updated figure of attribution by natural versus anthropogenic forcing.
	Variability of Ocean Heat Uptake: Reconciling Observations and Models	AchutaRao	K. M.	+	2005	J. Geophysical Research (Oceans)	
	Effect of missing data on estimates of near-surface temperature change since 1900	Duffy	P. B.	+	2001	J. Climate, 14	A paper that looks at sampling of the model like 2809-2814 the observations to assess the impact on trends
<a href="#">GO</a>	Climate Change Futures: Health, Ecological, and Economical Dimensions	Epstein (ed)	P. R.	+	2005	The Center for Health and the Global Environment (Harvard)	Boston, MA 142 pages
<a href="#">GO</a>	Getting Right With Nature: Anthropocentrism, Ecocentrism, and Theocentrism	Hoffman	A. J.	+	2005	Organizations and Environment, 18	San Francisco Chronicle 141-162
<a href="#">GO</a>	The Difference a Degree Makes			2b	2006		Series on changing ecological system
<a href="#">GO</a>	Stern Review on the Economics of Climate Change	Stern	N		2006	UK HM-Treasury	

<http://www.nrpe.org/>  
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[http://www.physicstoday.org/vol-60/iss-1/8\\_1.html](http://www.physicstoday.org/vol-60/iss-1/8_1.html)

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## WIKI BOOK

Canadian Snow Cover Trends

Smithsonian USGS Volcanos

National Academy of Sciences  
Global Change Portal

3 views on NPR / Alley / Christy / Broecker

MIT Survey on Public Awareness

terradaily // public forum of climate change