

OLLI Climate & Society Course — RECOMMENDED READING

Sept. 26 - Nov. 7, 2013

1. Sept. 26 - The State of the Climate - Presenter: David Herring

- » NOAA Climate.gov News & Features ([online magazine](#))
- » [State of the Climate in 2012: Highlights](#) (on NOAA Climate.gov)
- » The Global Climate Dashboard (bottom of www.climate.gov)
- » [Consensus: 97% of climate scientists agree](#) (NASA JPL Global Climate Change site)
- » [Climate Change: How do we know?](#) (NASA JPL Global Climate Change site)
- » [The Discovery of Global Warming](#), by Spencer Weart, American Institute of Physics
- » [America's Climate Choices](#), report series by the National Academy of Sciences

2. Oct. 3 - Climate Engineering: Ethical Considerations - Presenter: Joel Levy

- » See Professor Dale Jamieson's publications at: <http://as.nyu.edu/object/dalejamieson.html>
 - Dale Jamieson (1996): "Ethics and Intentional Climate Change," *Climatic Change*, v33, 323-336. http://as.nyu.edu/docs/IO/1192/Ethics_and_Intentional_Climate_Change.pdf
 - Dale Jamieson (2010): "Geoengineering as a Response to Climate Change: An Urgent Problem Meets a Bad Concept." Online at <http://www.princeton.edu/pei/events/jamieson111610/>
- » Stephen Gardiner (2007): "Is Geoengineering the 'Lesser Evil'?" *Env. Res. Lett.* Talking Points. Online at <http://environmentalresearchweb.org/cws/article/opinion/27600>
- » Stephen Gardiner (2010): "Is 'Arming the Future' with Geoengineering Really the Lesser Evil?" *Climate Ethics*; Gardiner, Caney, Jamieson and Shue, eds. Oxford Univ Press, pp284-312. Online at <http://folk.uio.no/gasheim/Gar2010b.pdf>
- » Clive Hamilton (2013): "No, we should not just 'at least do the research'." *Nature*, v496. http://www.nature.com/polopoly_fs/1.12777!/menu/main/topColumns/topLeftColumn/pdf/496139a.pdf
- » David R. Morrow, Robert E. Kopp and Michael Oppenheimer (2009): "Toward ethical norms and institutions for climate engineering research." *Environ. Res. Lett.*, v4, 1-8. Online at http://iopscience.iop.org/1748-9326/4/4/045106/pdf/1748-9326_4_4_045106.pdf
- » Climate Ethics: A Roundtable Discussion at NYU, on October 28, 2010 (Video): <http://www.youtube.com/watch?v=8haOslLt3c>
- » The Royal Society (2009): *Geoengineering the Climate: Science, Governance and Uncertainty*. Online at http://royalsociety.org/uploadedFiles/Royal_Society_Content/policy/publications/2009/8693.pdf
- » Alex Hanafi and Steven P. Hamburg (2013): "The Solar Radiation Management Governance Initiative: Advancing the International Governance of Geoengineering Research." Opinion article in *Geoengineering Our Climate*, available at <http://wp.me/p2zsRk-6e>

3. Oct. 10 - Climate and Coastal Inundation - Presenter: Adam Parris

- » [Global Mean Sea Level Rise Scenarios for the US National Climate Assessment](#) (on

scenarios.globalchange.gov)

- » [A Stronger, More Resilient New York](#) (on nyc.gov)
- » [Hurricane Sandy Rebuilding Strategy](#) (on portal.hud.gov)
- » [Sandy Tool for Sea Level Rise Recovery](#) (from usgcrp.gov)
- » [Impacts and Adaptation](#) (from US EPA)

4. Oct. 17 - Climate and Marine Ecosystems - Presenter: Roger Griffis

- » Fisheries Management in a Changing Climate: Lessons from the 2012 Ocean Heat Wave in the Northwest Atlantic. (Oceanography 2013)
http://www.tos.org/oceanography/archive/26-2_mills.html
- » Fisheries Adaptations to Climate Change (Alaska Sea Grant 2012)
<http://seagrant.uaf.edu/bookstore/pubs/M-162.html>
- » Two Takes on Climate Change in the Ocean (NOAA Fisheries Service, Sept 2013)
http://www.nmfs.noaa.gov/stories/2013/09/9_30_13two_takes_on_climate_change_in_ocean.html
- » Climate Changing Gulf of Maine Fisheries (Gulf of Maine Times, Aug 2013)
<http://www.gulfofmaine.org/gomt/?p=1788>
- » Draft National Climate Assessment. Chapter 24: Oceans and Marine Resources (Jan 2013)
<http://ncadac.globalchange.gov/>

5. Oct. 24 - America's Climate Choices vs. Americans' Attitudes & Understanding - Presenter: David Herring

- » [State of the Climate in 2012: Highlights](#) (on NOAA Climate.gov)
- » The Global Climate Dashboard (bottom of www.climate.gov)
- » [America's Climate Choices](#), report series by the U.S. National Academy of Sciences:
 - [Limiting the Magnitude of Climate Change](#)
 - [Adapting to the Impacts of Climate Change](#)
 - [Informing an Effective Response to Climate Change](#)
- » [Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation](#)
 - a special report by the Intergovernmental Panel on Climate Change (IPCC)
- » Munich RE [Annual Report on Natural Catastrophes](#) (2012)
 - Press release on relative [impacts of extreme events on North America](#)
- » The [President's Climate Action Plan](#) (or "PCAP," 2013)
 - [Transcript of the President's speech](#) at Georgetown Univ.
 - [OSTP's recap on the PCAP](#)
 - [PCAP Website](#), with data and statistics
- » [Pew Research on Americans' priorities in 2013](#)
- » [Global Warming's Six Americas](#) (2012), report series by Yale & GMU
- » [Mitigation & Adaptation: Two remedies for a polluted science communication environment](#) - blog by Dan Kahan, Cultural Cognition Project at Yale Univ.
- » "[Doubt is their Product](#)," article by David Michaels in *Scientific American*

» [Merchants of Doubt](#), book by Naomi Oreskes and Erik M. Conway

6. Oct. 31 - Climate and Drought & Water - Presenter: Lisa Darby

- » U.S. Drought Portal (www.drought.gov)
- » National Drought Mitigation Center (<http://drought.unl.edu/>)
- » [An Interpretation of the Origins of the 2012 Central Great Plains Drought](#)
- » [Drought Ready Communities](#) – A guide to community drought preparedness
- » State drought plans (<http://drought.unl.edu/Planning/PlanningInfoByState.aspx>)
- » [National and Regional drought outlooks](#)
- » [National Drought Forum Summary Report and Priority Actions](#)

7. Nov. 7 - Climate and Energy - Presenter: Steven Smith

- » Graphic: [Sources of U.S. GHG emissions](#)
- » The [GTSP Phase 2 Capstone Report](#) (8.5 Mb)