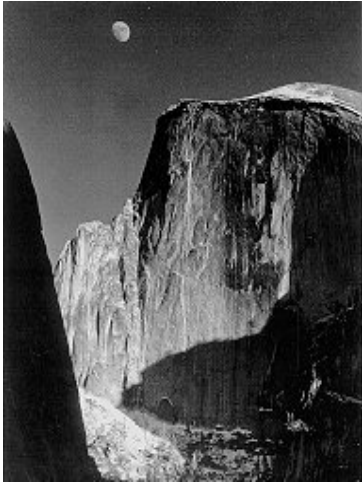


# *Political Science 175 - Environmental Studies 178 Syllabus, Winter 2014*

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In this course, we will examine environmental politics and policy. We will pay particular attention to the public-opinion forces that cause environmental policy. We will then discuss how politicians respond to those forces, and the public policy approaches that have been developed to address environmental problems.

If there are no spaces in this course available on GOLD, please sign up on the online wait list prior to the first class meeting ([www.waitlist.ucsb.edu](http://www.waitlist.ucsb.edu)). Students should attend class during the first week to preserve their place on the wait list. If space becomes available, accommodation may be made for students who can demonstrate high priority need during the first week of class. Students should not assume that there will be space in discussion sections they want to attend.

Grades will be based on a midterm (30%), a term paper (30%), a final exam (30%), and section and class participation (10%). The research paper (9-12 pages) will be based on lectures, required readings, and outside research. The topics are posted on the class web page. You must also submit a proposal for your paper topic to your teaching assistant by **Friday, February 14**, and meet with your TA or me to discuss your paper. Topic changes will be allowed only with the permission of the TA or me. Details about the exams and paper assignment are posted on the class web page. The term paper is due on **Friday, March 7** by 5 p.m. in the Political Science Department Mail Room.

The midterm exam will be a combination of multiple choice questions and short answer questions. Typical short answer questions will ask for a description of a theory or a description of environmental policy. There will be no choices on the questions. Students must answer all questions. The final exam will have multiple choice questions, short answer questions, and one essay question. There will be a choice of 2-3 essay questions.

A reminder about the use, or lack of use, of quotation marks and citations: **The Campus Regulations have the following to say about plagiarism:** "Representing the words, ideas, or concepts of another person without appropriate attribution is plagiarism. Whenever another person's written work is utilized, whether it be a single phrase or longer, quotation marks must be used and sources cited. Paraphrasing another's work, i.e., borrowing the ideas or concepts and putting them into one's 'own' words, must also be acknowledged." In addition, submitting the same paper to two classes is also considered cheating because the work is not original for both classes. Any act of plagiarism or other form of cheating will be rewarded with an automatic "F" and referral to the administration for further punishment.

All of the required reading is on reserve at the library. The reader is available at the Associated

Students Publication Service (in the UCEN) and the articles in the reader will be posted in the ERes system (<http://eres.library.ucsb.edu>) or on Gauchospace. The course number and password are available from the TA or me. The required textbooks are available at the UCSB Bookstore.

### Required Texts:

Judith Layzer, *The Environmental Case*, 3rd ed.  
 S. Robert Lichter and Stanley Rothman, *Environmental Cancer—A Political Disease?*  
 Eric Smith, *Energy, the Environment, and Public Opinion*

### Web Pages:

Prof. Smith: <http://www.polsci.ucsb.edu/faculty/smith/>  
 PS 175: <http://www.polsci.ucsb.edu/faculty/smith/courses/ps175.html>

### Course Outline and Readings

#### 1. The Problems of Climate Change and Energy Supply

John Houghton, *Global Warming*, 3<sup>rd</sup> ed, chaps 2-3

Naomi Oreskes, "The Scientific Consensus on Climate Change." *Science*, 306 (3 December 2004): 1686

Howard Geller, *Energy Revolution*, chap 1

Eric Smith, *Energy, the Environment, and Public Opinion*, chap 2

Eric Smith, *Taking Climate Change Seriously*, chap 3 (unpublished)

Gerald T. Gardner and Paul C. Stern, "The Short List: The Most Effective Actions U.S. Households Can Take to Curb Climate Change." *Environment Magazine* 50 (5): 12-24

#### 2. Science vs. Politics

Dale Jamieson (1996) "Scientific Uncertainty and the Political Process," *Annals of the American Academy of Political and Social Science* 545: 35-43

David Michaels and Celeste Monforton, "Manufacturing Uncertainty: Contested Science and the Protection of the Public's Health and Environment," *American Journal of Public Health* 95:S1 (2005), pp. 39-48.

Walter Rosenbaum, "'Science, Politics, and Policy at the EPA.'" In Norman Vig & Michael Kraft, *Environmental Policy*, 7<sup>th</sup> ed.

Michael Shermmer, "The Liberal War on Science: How politics distorts science on both ends of the spectrum." *Scientific American*, January 21, 2013

Juliet Carlisle, et al., "The Public's Trust in Scientific Claims Regarding Offshore Oil Drilling." *Public Understanding of Science*, 19 (2010): 514-27.

Recommended: Naomi Oreskes and Erik Conway, *Merchanges of Doubt* (2010)

### 3. History of the Environmental Movement

Gifford Pinchot, "The Birth of Conservation." In Roderick Nash, ed., *American Environmentalism*, chap 11.

John Muir, "A Voice for Wilderness." In Roderick Nash, ed., *American Environmentalism*, chap 15.

Douglas Costain and James Lester, "The Evolution of Environmentalism" in James P. Lester, ed., *Environmental Politics & Policy*.

Samuel Hayes, *A History of Environmental Politics*, chap 15, "The Results of Environmental Policy."

Norman J. Vig & Michael E. Kraft, "Environmental Policy over Four Decades." In Norman J. Vig & Michael E. Kraft, *Environmental Policy*, 7<sup>th</sup> ed, chap 1

Judith Layzer, *The Environmental Case*, chap 5

Recommended: Spencer Weart, *The Discovery of Global Warming*, 2/e (2008)

### 4. Public Opinion on Environmental Issues

Judith Layzer, *The Environmental Case*, chap 1, 11

Eric Smith, *Energy, the Environment, and Public Opinion*, chaps 1, 3-6.

### 5. Risk Perception and NIMBYs

S. Robert Lichter and Stanley Rothman, *Environmental Cancer-A Political Disease?*

Eric Plutzer et al., "Ideology and Elites' Perceptions of the Safety of New Technologies." *American Journal of Political Science*, 42 (1998): 190-209.

**\*\*\* MIDTERM: Wednesday, February 5\*\*\***

### 6. Common Pool Resource Problems & Collective Action

Garrett Hardin, "The Tragedy of the Commons," *Science* 162 (December 13, 1968), 1243-1248.

David Feeny, Fikret Berkes, Bonnie J. McCay, and James M. Acheson, "The Tragedy of the Commons: Twenty-Two Years Later." *Human Ecology*, 18 (1990): 1-19.

Elinor Ostrom, *Governing the Commons*, pp. 88-102.

Judith Layzer, *The Environmental Case*, chaps 2, 6-9

## 7. Command & Control Solutions vs. Market Solutions

Judith Layzer, *The Environmental Case*, chaps 3, 13 -16

Norman Vig & Michael Kraft, *Environmental Policy*, chap 9

## 8. The Precautionary Principle and Comparative Risk Analysis

Joel A. Tickner, "Precautionary Assessment: A Framework for Integrating Science, Uncertainty, and Preventative Policy." In Joel Tickner, ed., *Precaution: Environmental Science and Preventative Public Policy*, chap 17.

Kerry Whiteside, *Precautionary Politics*, chap 2.

Cass R. Sunstein, *Risk and Reason: Safety, Law, and the Environment*, chaps 2, 5.

## 9. Environmental Justice

Evan Ringquist, "Environmental Justice: Normative Concerns, Empirical Evidence, and Government Action." In Norman Vig & Michael Kraft, *Environmental Policy*, chap 11

Evan Ringquist, "Assessing Evidence of Environmental Inequities: A Meta-analysis." *Journal of Policy Analysis and Management* 24 (2005): 223-47.

Robert Bullard, "Environmental Justice in the 21st Century." In Robert Bullard, ed., *The Quest for Environmental Justice*

Manuel Pastor, Jr., et al., "Environmental Inequity in Metropolitan Los Angeles." In Robert Bullard, ed., *The Quest for Environmental Justice*

Judith Layzer, *The Environmental Case*, chap 4

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Note: The schedule may change to accommodate guest speakers or alternative lecture topics.

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**\*\*\*\*\* FINAL EXAM Friday, March 21, 12:00– 3:00 p.m. Early finals will not be given.\*\*\*\*\***

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