

**SC 348 Environmental Sociology**  
Boston College, Spring 2005  
Tues. and Thurs. 3:00 pm, Campion 303

Instructor: Anders Hayden  
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Office Hours: Tues. 10:30-11:30, Thurs. 1:45-2:45, or e-mail me to set up another time

### **Course Description**

At the core of environmental sociology is the study of interactions between human society and the environment. This course emphasizes two main, over-arching questions:

- What are the social causes of environmental problems?
- What types of social change are needed to achieve an ecologically-sustainable society? In other words, do lasting environmental solutions require radical social change or are minor reforms to the current social system enough?

Topics include:

- the debate over the severity of ecological crisis
- the contributions and limits of existing sociological theories in understanding environmental issues
- the concept of “sustainable development”
- population growth
- the promise and limits of technological solutions to environmental problems
- the links between poverty, inequality, and environmental degradation
- the ecological impacts of over-consumption and affluence
- ecological critiques of capitalism
- market-based environmentalism
- critiques of the modern development paradigm
- ecological modernization in theory and practice
- gender and eco-feminism
- race, class, and environmental justice

Throughout the course, we will touch on a wide range of environmental problems with particular emphasis on global climate change.

We will also explore the roles of various social actors in environmental matters—including corporations, governments, social movements, and individuals in their roles as citizens and consumers. Are these social actors contributors to environmental problems? Can they be leaders in finding solutions?

## **Expectations and Grading**

### Reading

Keeping up with the assigned reading is essential for you to get the most out of this class. If you decide to take the course, you will come to each class having completed the assigned readings class so that you can participate in discussion, share comments and criticisms, and raise questions.

### Attendance and Participation

You will attend each class and participate actively and respectfully in discussions (without dominating the discussion in a way that prevents others from speaking).

Participation will be graded on a scale of “above average,” “satisfactory,” or “below average.” If you receive a “satisfactory” participation grade, your final grade based on the other requirements will not be affected. If your participation is “above average,” your final grade will increase to the next level, for example, from B+ to A-. “Below average” participation will reduce your grade, for example, from B+ to B.

If you have more than two unexplained absences, your participation grade will be downgraded. For example, a student with three unexplained absences and otherwise “satisfactory” participation will receive a “below average” participation grade.

### Quizzes 15%

There will be 4 short quizzes throughout the term, *tentatively* scheduled for Feb. 2, Feb. 23, March 30, and April 20. The main purpose of these quizzes is simply to encourage you to keep up with the reading, which is essential if you are to get the most out of the course, and to assess your understanding of some main concepts. These should be quite simple for anyone who has done the reading and actively participated in class (and not so simple otherwise).

### Mid-term exam 20%

Take-home exam, distributed February 23 and due March 2.

### Final exam 30%

Date TBA. We will decide in class whether to make it a take-home or in-class exam.

### Individual Research & Writing Projects 35%

You have a wide range of choice in selecting a project that meets your own interests and needs. You can also choose whether you want to write one long paper or two shorter papers.

#### *Option A:*

Identify an environmental problem of your choice to explore in an essay of approximately 5,000 words (roughly 20 pages). The problem you choose can be local (on campus, in the Boston area, or in your hometown), national, or international. Critically discuss at least two competing perspectives on the social causes of this environmental problem. Discuss which perspective, or perspectives, you find more convincing and explain why. Also critically discuss the types of measures that each perspective would advocate to solve the environmental problem you have

identified. Your paper should integrate relevant ideas covered in the course readings and lectures, as well as additional reading not covered in the course.

*Option B:*

Propose an idea to solve or ameliorate an environmental problem at the local, national, or international level (e.g. a project idea for greening the campus). Make a convincing case for your proposed solution and address possible obstacles and objections to it. Your paper of approximately 5,000 words (roughly 20 pages) should focus mainly on the social, rather than the technical or scientific aspects, of the proposal. It should also refer to relevant ideas covering in course readings and lectures, as well as additional reading not covered in the course.

Alternatively, rather than proposing your own solution you could critically evaluate a proposal put forward by others.

*Option C:*

In an essay of approximately 5,000 words (roughly 20 pages), critically review and assess one of the following debates:

- “Survivalist” vs “Promethean” perspectives on the environment
- Population, technological, or consumption: which is the greater contributor to environmental destruction?
- poverty or affluence: which is the greater contributor to environmental destruction?
- ecological critics of capitalism vs market-based environmentalists
- ecological critics of capitalism vs proponents of ecological modernization
- critics of modern development vs proponents of ecological modernization
- social constructivist vs realist approaches to environmental issues
- proponents of mandatory limits on greenhouse-gas emissions to address climate change vs. the opponents of such action
- whether or not we should look to business to lead the way in finding environmental solutions?
- another debate of your choice, subject to approval by the instructor

It may be helpful to narrow the topic by choosing a specific aspect of these debates or a case within them. Your essay must make reference to the relevant readings we have covered and ideas discussed in lecture, as well as additional reading of your own.

*Option D:*

Choose two theoretical perspectives within mainstream sociology (e.g. Marxism, functionalism, symbolic interactionism, post-modernism, post-structuralism, critical theory, world systems theory, ...) and apply them to understanding an environmental issue of your choice. In an essay of approximately 5,000 words (roughly 20 pages), discuss the strengths and limitations of these sociological perspectives in understanding the environmental problem you have chosen.

### *Option E:*

You are free to propose an individual project idea of your own subject to approval by the instructor.

### *Deadlines for Options A, B, C, D and E:*

Since you will learn more and produce better quality work if you do not leave your paper until the last minute, the following deadlines apply:

March 21: A one-page proposal will be due. This should include a few initial items that will be part of your bibliography (3 points).

April 11: An outline of your paper—or a rough draft, if you are already further along—will be due. It should illustrate significant progress since your proposal, including a more fully-developed bibliography (aim for at least five sources by this point). The further along you are at this point, the more detailed the feedback I can provide before you hand in your final draft (7 points).

May 2: Final papers due (25 points).

### *Option F:*

Same as the above options except that you write two shorter papers of approximately 2,500–3,000 words (roughly 10 pages) each. If you choose this option, the following deadlines apply:

February 21: Proposal for first paper due (2.5 points)

March 23: First paper due (15 points)

April 6: Proposal for second paper due (2.5 points)

May 2: Second paper due (15 points)

### **Late Penalties**

Assignments received after the due date will be subject to a late penalty, unless appropriate written documentation from either the Dean or a doctor is provided. Please plan your work well ahead of time to avoid this.

### **Style and Format**

*All written work must:*

- have page numbers
- be double-spaced
- use a standard 12-point font, either Times New Roman or Arial. If you want to use other specifications, check with me first.
- demonstrate a knowledge of style, grammar, and punctuation appropriate to college-level writing
- follow proper citation appropriate to the social sciences. If you are unsure about citation, then just ask and I will direct you to the appropriate material.

- include a bibliography, which includes relevant readings discussed in class as well as other works you have found on your own

## **Saving Paper**

To save paper and limit our environmental impacts, please e-mail your papers to me as Word documents.

## **Academic Integrity**

In each of the last two years, I have had to penalize students for plagiarism. In both cases, the violations appeared to be unintentional as the students did not understand the rules for the proper citation of others' work. Don't let it happen to you.

It is your responsibility to be familiar with the norms for academic integrity. Guidelines for academic integrity are posted on the Boston College website at:  
<http://www.bc.edu/offices/stserv/academic/resources/policy/#integrity>

To test if you understand exactly what plagiarism is, take the quiz at:  
[\(http://www.bc.edu/schools/cas/polisci/integrity/quiz/\)](http://www.bc.edu/schools/cas/polisci/integrity/quiz/). You might find some surprises.

Another good explanation of plagiarism and how to avoid it is available at:  
<http://www.indiana.edu/~wts/pamphlets/plagiarism.shtml>

If you have any questions about academic integrity guidelines, please ask me. If you are found to be in violation of Boston College's policies on academic integrity, you will receive an F for the assignment and the appropriate Dean will be notified in accordance Boston College's regulations.

## **Special Needs**

If you have a learning disability and may require special accommodations at any time in this course, then it is your responsibility to inform me during the first week of class. Documentation of your learning disability must be on file with the Academic Learning Center at Boston College.

## **Required Books (available at BC bookstore)**

Agyeman, Julian. 2005. *Sustainable Communities and the Challenge of Environmental Justice*. New York: New York University Press.

Bruno, Kenny and Joshua Karliner. 2002. *Earthsummit.biz*. Oakland, CA: Food First Press.

Dryzek, John. 2005. *Politics of the Earth: Environmental Discourses* (2<sup>nd</sup> edition). Oxford: Oxford University Press.

Princen, Thomas, Michael Maniates, and Ken Conca, eds. 2002. *Confronting Consumption*. Cambridge, MA: MIT Press.

## Weekly Themes and Readings:

N.B. Readings are either from the required books or are available through BC Online Reserves, except where indicated.

Class schedule is subject to change.

### **Introduction: Is the Environmental Crisis a Social Crisis?**

#### Jan 17 and 19

Dryzek, Preface (page v only), Chapter 2, “Looming Tragedy: Survivalism,” and Chapter 3, “Growth Forever: The Promethean Response.”

Amos, Jonathan. 2005. “Study Highlights Global Decline.” *BBC News*, March 30 (<http://news.bbc.co.uk/go/pr/fr/-/2/hi/science/nature/4391835.stm>).

McKibben, Bill. 2005. “Changing the Climate.” *AlterNet*, September 23 (<http://www.alternet.org/story/25878/>).

Pope, Carl and Bjørn Lomborg. 2005. “The State of Nature.” *Foreign Policy*, July/August ([http://www.foreignpolicy.com/story/cms.php?story\\_id=3084&print=1](http://www.foreignpolicy.com/story/cms.php?story_id=3084&print=1)).

#### *Optional*

Burke, Tom. 2001. “Ten Pinches of Salt: A Reply to Bjorn Lomborg.” ([http://www.green-alliance.org.uk/publications/PubTenPinchesOfSalt\\_page138.aspx](http://www.green-alliance.org.uk/publications/PubTenPinchesOfSalt_page138.aspx)).

Frey, R. Scott. 2001. “Environmental Problems from the Local to the Global.” Pp. 4-25 in *The Environment and Society Reader*, edited by R. Scott Frey. Boston: Allyn & Bacon. (Recommended for those with little environmental background)

Millenium Ecosystem Assessment Board. 2005. “Living Beyond Our Means: Natural Assets and Human Well-Being.” (<http://www.millenniumassessment.org/proxy/document.429.aspx>).

#### *Some suggestions for further reading:*

Arrow, Kenneth et al. 1995. “Economic Growth, Carrying Capacity, and the Environment.” *Science* 268(April 28):520-1.

Buell, Frederick. 2003. *From Apocalypse to Way of Life: Environmental Crisis in the American Century*. New York: Routledge.

Lomborg, Bjorn. 2001. *The Skeptical Environmentalist: Measuring the Real State of the World*. Cambridge University Press.

Meadows, Donella, Jorgen Randers, and Dennis Meadows. 2004. *Limits to Growth: The 30-Year Update*. White River Junction, VT: Chelsea Green Publishing.

Speth, James Gustave. 2004. *Red Sky at Morning: America and the Crisis of the Global Environment*. New Haven: Yale University Press.

## **Environmental Sociology's Emergence: Is Mainstream Sociology "Ecologically Blind?"**

### Jan 24

Catton, Jr., William R. and Riley E. Dunlap. 1980. "A New Ecological Paradigm for Post-Exuberant Sociology." *American Behavioral Scientist* 24(1):15-47.

Buttel, Frederick H. 1997. "Social Institutions and Environmental Change." Pp. 40-54 in *The International Handbook of Environmental Sociology*, edited by Michael Redclift and Graham Woodgate. Cheltenham, UK: Edward Elgar.

Additional reading TBA.

### Jan 26

Jones, Samantha. 2002. "Social constructionism and the environment: through the quagmire." *Global Environmental Change* 12:247-251.

McCright, Aaron M. & Riley E. Dunlap. 2003. "Defeating Kyoto: The Conservative Movement's Impact on U.S. Climate Change Policy." *Social Problems* 50(3):348-373.

### *Optional:*

Buttel, Frederick H. 2002. "Environmental Sociology and the Classical Sociological Tradition: Some Observations on Current Controversies." Pp. 35- 50 in *Sociological Theory and the Environment*, edited by R. E. Dunlap et al. Lanham, MD: Rowman and Littlefield.

Murphy, Raymond. 1995. "Sociology as If Nature Did Not Matter: An Ecological Critique." *British Journal of Sociology* 46:688-707.

Dunlap, Riley E. 1997. "The Evolution of Environmental Sociology: A Brief History and Assessment of the American Experience." Pp. 21-39 in *The International Handbook of Environmental Sociology*, edited by Michael Redclift and Graham Woodgate. Cheltenham, UK: Edward Elgar.

### *Some suggestions for further reading:*

Boykoff, Maxwell T. and Jules M. Boykoff. 2004. "Balance as bias: global warming and the US prestige press." *Global Environmental Change* 14:125-136.

Burningham, Kate and Geoff Cooper. 1999. "Being Constructive: Social Constructionism and the Environment." *Sociology* 33:296-316.

Buttel, Frederick H. 2003. "Environmental Sociology and the Explanation of Environmental Reform." *Organization and Environment* 16(3):306-344.

Buttel, Frederick H. and P. Taylor. 1994. "Environmental sociology and global environmental change: A critical assessment." Pp. 228-255 in *Social Theory and the Global Environment*, edited by Michael Redclift and Ted Benton. New York: Routledge.

Dunlap, Buttel, Dickens, and Gijswijt, eds. *Sociological Theory and the Environment: Classical Foundations, Contemporary Insights*.

Foster, John Bellamy. 1997. "The Crisis of the Earth: Marx's Theory of Ecological Sustainability as a Nature-Imposed Necessity for Human Production." *Organization & Environment* 10.3: 278-295.

Freudenberg, William R., Scott Frickel, and Robert Gramling, 1995. "Beyond the Society/Nature Divide: Learning to Think About a Mountain." *Sociological Forum* 10:361-392.

- Goldblatt, D. 1996. *Social Theory and the Environment*. Boulder, CO: Westview.
- Goldman, Michael and Rachel E. Schurman. 2000. "Closing the 'Great Divide': New Social Theory on Society and Nature." *Annual Review of Sociology*. 26:563-84.
- Gramling, Robert and William R. Freudenburg. 1996. "Environmental Sociology: Toward a Paradigm for the 21st Century." *Sociological Spectrum* 16(4): 347-370.
- Hannigan, John A. 1995. *Environmental Sociology: A Constructivist Perspective*. New York: Routledge.
- Redclift, Micheal and Ted Benton, ed. *Social Theory and the Global Environment*, New York: Routledge.

**Sustainable Development:  
Can Economic Growth and the Environment (and Social Justice, Too) Be Reconciled?  
Should We Look to Business to Lead the Way?**

Jan 31

World Commission on Environment and Development. 1987. "Towards Sustainable Development." Excerpt from *Our Common Future*. Oxford: Oxford University Press, Pp. 211-221 in *Green Planet Blues*.

Dryzek, Chapter 7, "Environmentally Benign Growth: Sustainable Development." Pp. 123-136.

Schmidheiny, Stephan. 1992. "Declaration of the Business Council for Sustainable Development" and Chapter 1 "The Business of Sustainable Development." *Changing Course: A Global Business Perspective on Sustainable Development and the Environment*. Cambridge, MA: MIT Press.

Feb 2

Bruno, Kenny and Joshua Karliner. 2002. *Earthsummit.biz*. Oakland, CA: Food First Press. Chapters 1 and 2. Pp 3-39; Pp.66-67 "Redefine Sustainability;" Pp. 90-93 on Ford Motor Co. *Optional*: read other snapshots of "corporate greenwash" in chapter 6.

Feb 7

Agyeman, Julian. 2005. *Sustainable Communities and the Challenge of Environmental Justice*. New York: New York University Press. Chapter 2, pp. 39-69 (rest of chapter optional).

2003. "Gaviotas." *Social Design Notes*, August (<http://www.backspace.com/notes/2003/08/09/x.html>).

In-class video on Ray Anderson and Interface Corporation.

*Optional:*

Carruthers, David. 2001. "From Opposition to Orthodoxy: The Remaking of Sustainable Development." *Journal of Third World Studies* 18(2):93-112.

Carvalho, Georgia O. 2000. "Sustainable Development: Is It Achievable Within The Existing International Political Economy Context?" *Sustainable Development* 9: 61-73.

Krueger, Rob and Julian Agyeman. 2005. "Sustainability schizophrenia or 'actually existing sustainabilities?'" Toward a broader understanding of the politics and promise of local sustainability in the US." *Geoforum* 36:410-417.

Sachs, Wolfgang. "Sustainable Development." Pp. 71-82 in *International Handbook of Environmental Sociology*, edited by Michael Redclift and Graham Woodgate. Cheltenham, UK: Edward Elgar.

*Some suggestions for further reading:*

- Boele, Richard, Heike Fabig and David Wheeler. 2001. "Shell, Nigeria and the Ogoni. A Study in Unsustainable Development: I. The Story Of Shell, Nigeria and the Ogoni People – Environment, Economy, Relationships: Conflict and Prospects For Resolution." *Sustainable Development* 9:74–86.
- Bryner, Gary C. 2000. "The United States: 'Sorry—Not Our Problem'." Pp. 273-302 in *Implementing Sustainable Development: Strategies and Initiatives from High Consumption Societies*, edited by William M. Lafferty and James Meadowcroft. Oxford: Oxford University Press.
- Chatterjee, Pratap and Matthias Finger. *The Earth Brokers: Power, Politics and World Development*. New York: Routledge.
- Daly, Herman E. 1996. "The Shape of Current Thought on Sustainable Development." Pp. 1-23 in *Beyond Growth: The Economics of Sustainable Development*. Boston: Beacon Press. (book available at reserves desk)
- Giddings, Bob, Bill Hopwood, and Geoff O'Brien. 2002. "Environment, Economy, and Society: Fitting Them Together Into Sustainable Development." *Sustainable Development* 10:187-196.
- Hildyard, Nicholas. 1993. "Foxes in Charge of the Chickens." *Global Ecology: A New Arena of Political Conflict*. London: Zed Books.
- Lafferty, William M. 1996. "The Politics of Sustainable Development: Global Norms for National Implementation." *Environmental Politics* 5: 185-208.
- Lélé, Sharachchandra. 1991. "Sustainable Development: A Critical Review." *World Development* 19(June): 607-621.
- Lohmann, Larry. 1990. "Whose Common Future?" *The Ecologist* 20.3 (May/June): 82-84.
- Meadowcroft, James. 2000. "Sustainable Development: A New(ish) Idea for a New Century?" *Political Studies* 28:370-87.
- Von Frantzius, Ina. 2004. "World Summit on Sustainable Development: Johannesburg 2002: A Critical Assessment of the Outcomes." *Environmental Politics* 13:467-73.
- Wapner, Paul. 2003. "World Summit on Sustainable Development: Toward a Post-Jo'burg Environmentalism." *Global Environmental Politics* 3(1):1-10.
- Yanarella, Ernest and Horace Bartilow. 2000. "Beyond Environmental Moralism and Policy Incrementalism in the Global Sustainability Debate." *Sustainable Development* 8:123-134.

### **Population: Are There Too Many of Us? If So, What Should We Do About It?**

#### Feb 9

Hardin, Garrett. "The Tragedy of the Commons." *Science* 162(3859): 1243-1248. Dec. 13.

Ehrlich, Paul and Anne Ehrlich. 2005. "The Tide of Population." Pp. 76-111 in *One with Nineveh: Politics, Consumption, and the Human Future*. Washington: Island Press.

Simon, Julian. 1995. "The State of Humanity: Steadily Improving." *Cato Policy Report* 17.5 (September / October): [http://www.cato.org/pubs/policy\\_report/pr-so-js.html](http://www.cato.org/pubs/policy_report/pr-so-js.html)

#### Feb 14

Amalric, Franck. 1995. "Population Growth and the Environmental Crisis: Beyond the 'Obvious'." Pp. 85-101 in *The North, The South and the Environment: Ecological Constraints and the Global Economy*, edited by V. Bhaskar and Andrew Glyn. London: Earthscan.

Seager, Joni. 1993. "Population." Pp 213-219 in *Earth Follies: Coming to Feminist Terms with the Global Environmental Crisis*. New York: Routledge.

Sen, Amartya. 2001. "Gender Equity and the Population Problem." *International Journal of Health Services* 31(3): 469–474.

*Optional:*

Malthus, Thomas. 1798/1985. *An Essay on the Principle of Population*. New York: Penguin. Chapters 1 and 2. Pp. 63-79. These chapters are available online at:

<http://www.ac.wvu.edu/~stephan/malthus/malthus.1.html>

<http://www.ac.wvu.edu/~stephan/malthus/malthus.2.html>

Cohen, Joel. 2005. "Human Population Grows Up." *Scientific American* 293.3(September):48-55.

Daily, Gretchen C. and Paul R. Ehrlich. 1992. "Population, sustainability, and Earth's carrying capacity." *BioScience* 42:761-771.

*Some suggestions for further reading:*

Ashford, Lori S. 1995. "New Perspectives on Population: Lessons from Cairo." *Population Bulletin* 50(1). Washington, DC: Population Reference Bureau.

Ashford, Lori S.. 2001. "New Population Policies: Advancing Women's Health and Rights." *Population Bulletin* 56(1). Washington, DC: Population Reference Bureau.

Cohen, Joel. 1995. *How Many People Can the Earth Support?* W.W. Norton.

Daly, Herman E. 1996. "Marx and Malthus in Northeast Brazil: A Note on the World's Largest Class Difference in Fertility and its Recent Trends." Pp. 129-140 in *Beyond Growth: The Economics of Sustainable Development*. Boston: Beacon Press. (Book available at reserves desk)

Dixon-Mueller, Ruth. 1993. "Women's Rights and Reproductive Choice." Pp. 109-137 in *Population Policy and Women's Rights: Transforming Reproductive Choice*. Westport, CT: Greenwood Publishing.

Mann, Charles. 1993. "How many is too many?" *Atlantic Monthly* 271 (2):47-67.

Motavalli, Jim. 2004. "The Numbers Game: Confronting Growth and the Environment." *E Magazine*.

<http://www.emagazine.com/view/?1183&src=>

Rajeswar, Jonnalagadda. 2000. "Population Perspectives and Sustainable Development." *Sustainable Development* 8:135-141.

Sen, Amartya. 1990. "More than 100 Million Women are Missing." *New York Review of Books*, December 20, 61-66.

Sen, Gita. 1994. "Women, Poverty, and Population: Issues for the Concerned Environmentalist." Pp. 215-225 in *Feminist Perspectives on Sustainable Development*, edited by Wendy Harcourt. London: Zed Books.

*Worldwatch* Magazine, special issue on "Population and Its Discontents." September/October 2004.

<http://www.worldwatch.org/features/population/>

### **Technology: The Root of the Problem or Hope for Salvation?**

Feb 16

Commoner, Barry. 1992. *Making Peace With the Planet*. New York: New Press.  
Required: Introduction and Chapter 1 "At War With the Planet." (online reserve)

Feenberg, Andrew. 1996. "The Commoner-Ehrlich Debate." Pp.257-283 in *Minding Nature: The Philosophers of Ecology*, edited by D. Macauley. New York: Guilford Press.

Feb 21

Hawken, Paul, Amory Lovins and L. Hunter Lovins. 1999. *Natural Capitalism: Creating the Next Industrial Revolution*. Little, Brown & Co. Preface and Chapter 1 “The Next Industrial Revolution.” (<http://www.natcap.org/sitepages/pid20.php>).

McDonough, William and Michael Braungart. 2002. “The Extravagant Gesture: Nature, Design, and the Transformation of Human Industry.” Pp. 13-32 in *Sustainable Planet: Solutions for the Twenty-first Century*, edited by Juliet B. Schor and Betsy Taylor. Boston: Beacon Press.

McDonough, Michael (as told to Bruce Sterling). 2000. “Newer York, New York.” *Wired* January ([http://www.wired.com/wired/archive/8.01/futuretekture\\_pr.html](http://www.wired.com/wired/archive/8.01/futuretekture_pr.html))

*Optional:*

Commoner. Chapter 2 and 3.

Hawken, Lovins and Lovins. Chapter 12. “Climate: Making Sense and Making Money.” Also have a look at the rest of the book to see if any chapters address your particular interests.

Sachs, Wolfgang. 1999. “The Two Meanings of Resource Productivity.” Pp. 175-186 in *Planet Dialectics: Explorations in Environment & Development*. New York: Zed Books.

*Some suggestions for further reading:*

Benyus, Janine M. 2002. *Biomimicry. Innovation Inspired by Nature*. Perennial: New York.

Carson, Rachel. 1962. *Silent Spring*.

Isenmann, Ralf. 2003. “Industrial Ecology: Shedding More Light on Its Perspective of Understanding Nature As Model.” *Sustainable Development* 11:143-158.

Schmidt-Bleek, F. 2000. *Factor 10 Manifesto*. Carnoules, France: The Factor Ten Institute (<http://www.ima.kth.se/im/3c1395/pdf/Manifesto.pdf>).

White, D.F. 2002. “A green industrial revolution? Sustainable technological innovation in a global age.” *Environmental Politics* 11:1–26.

### **Poverty and the Environment: Can the Poor Afford to Care About the Earth?**

Feb 23

Durning, Alan B. 1989. *Worldwatch Paper #92: Poverty and the Environment: Reversing the Downward Spiral*. World Watch Institute. Pp. 5-6, 40-54.

Reilly, W.K. 1990. “The Green Thumb of Capitalism: The Environmental Benefits of Sustainable Growth.” *Policy Review* Fall: 16-21.

Agarwal, Anil and Sunita Narain. 1991. “Global Warming in an Unequal World: A Case of Environmental Colonialism.” *Earth Island Journal* 39-40.

Dunlap, Riley E. and Angela G. Mertig. 1995. “Global Concern for the Environment: Is Affluence a Prerequisite?” *Journal of Social Issues* 51: 121-137.

Feb 28

Guha, Ramachandra. 1997. "Environmentalism of the Poor." Pp.3-21 in *Varieties of Environmentalism*, edited by Ramachandra Guha and Joan Martinez-Alier. London: Earthscan.

Roberts, J. Timmons and Nikki Demetria Thanos. 2003. Chapter 3, "Hazards of an Urban Continent." *Trouble in Paradise: Globalization and Environmental Crises in Latin America*. New York: Routledge. (N.B. You may skip pages 108-111 and 116-122)

Meadows, Donella. 1994. "The Best City In The World?" *In Context*, Fall, p.8.  
(<http://www.context.org/ICLIB/IC39/Meadows.htm>).

In-class video, "Curitiba: Ecological City."

*Optional:*

Agarwal, Anil and Sunita Narain. 2000. "Redressing Ecological Poverty Through Participatory Democracy: Case Studies from India." Political Economy Research Institute Working Paper #36. University of Massachusetts Amherst. <http://www.umass.edu/peri/pdfs/WP36.pdf>

Castro, João Augusto de Araujo. 1972. "Environment and Development: The Case of the Developing Countries." Pp. 237-252 in *World Eco-Crisis: International Organizations in Response*, edited by David A. Kay and Eugene B. Skolnikoff. Madison, WI: University of Wisconsin Press. (Excerpt in *Green Planet Blues*)

*Some suggestions for further reading:*

Barkin, David. 1998. *Wealth, Poverty and Sustainable Development*. Mexico City: Editorial Jus.

Brechin, Steven & Willett Kempton. 1994. "Global Environmentalism: A Challenge to the Postmaterialism Thesis?" *Social Science Quarterly* 75: 245-269.

Guha, Ranachandra and Juan Martinez-Alier. 1997. "Poverty and the Environment: A Critique of the Conventional Wisdom." Pp. 46-76 in *Varieties of Environmentalism: Essays North and South*. London: Earthscan.

Hollander, Jack. 2003. *The Real Environmental Crisis: Why Poverty, Not Affluence, Is the Environment's Number One Enemy*. Berkeley: University of California Press.

Satterthwaite, David. 2003. "The Links between Poverty and the Environment in Urban Areas of Africa, Asia, and Latin America." *Annals of the American Academy of Political and Social Science* 590:73-92.

### **Consumption and Affluence: Is the American Dream an Ecological Nightmare? Is It Possible to Live Better While Consuming Less?**

March 2

Princen, Thomas, Michael Maniates, and Ken Conca. 2002. "Confronting Consumption," Pp. 1-20 in *Confronting Consumption*, edited by Thomas Princen, Michael Maniates, and Ken Conca. Cambridge, MA: MIT Press.

Cross, Gary. 2000. Chapter 1 in *An All-Consuming Century: Why Commercialism Won in Modern America*. New York: Columbia University Press, 2000.

Gardner, Gary, Erik Assadourian, and Radhika Sarin. 2004. "The State of Consumption Today," Pp. 3-21 in *State of the World 2004: The Consumer Society*. New York: W.W. Norton & Co.

## March 7 and 9 – Spring Break – No Classes

### March 14

Jackson, Tim. 2005. “Live Better by Consuming Less?: Is There a ‘Double Dividend’ in Sustainable Consumption?” *Journal of Industrial Ecology* Volume 9, Number 1–2: 19-36.

Gardner, Gary and Erik Assadourian. 2004. “Rethinking the Good Life.” Pp. 164-180 in *State of the World 2004: The Consumer Society*. New York: W.W. Norton & Co.

### March 16

Schor, Juliet B. 2001. “The Triple Imperative: Global Ecology, Poverty and Worktime Reduction.” *Berkeley Journal of Sociology* XLV: 2-16.

Maniates, Michael. 2002. “In Search of Consumptive Resistance: The Voluntary Simplicity Movement.” Pp. 199-235 in *Confronting Consumption*.

### March 21

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### **Is Capitalism Sustainable? Treadmill of Production, Eco-Marxism, and Social Ecology**

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### March 30

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## **Market-Based Environmentalism: Can Markets Serve Environmental Goals?**

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## **Gender & Ecofeminism: Are The Domination of Women and Nature Connected?**

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### **Critics of Modern Development : Is Modernity Built on Anti-Ecological Foundations?**

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### **Ecological Modernization: Is Modern Society Adapting to the Environmental Challenge? Is Further Modernization of Industrial Capitalism the Solution?**

April 13 – No Class – Easter Break

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### **Race, Class & Environmental Justice: Who Bears the Burden of Environmental Problems?**

April 25

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## **What Is To Be Done?**

### May 4

In-class debate on what kind of social change is needed to address ecological problems. This debate will help you prepare for your final take-home exam.

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