

GREEN PRODUCTION, JUST PRODUCTION? (POLS 692, Fall 2011, W, 1:00-3:50)

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I. Goals: During the last several years the greening of the economy has reemerged as a focus of national and global politics, such as the 2012 United Nations Conference on Sustainable Development. This seminar will focus on greening the economy from the angle of production and will ask what constitutes green production but, also, fair and equitable production. The focus on production is a deliberate move that seeks to balance the recently more prominent attention to consumption in the belief that production forces us to address questions of responsibility and social power more directly. However, the seminar will also address consumption-based strategies that explicitly aim at greening production.

II. Evaluation. Your evaluation will be based on submitting five précis (of which the four best will be counted), (7.5% of your grade each); class facilitation and participation (30%); and a research project (40%).

III. Research Project. A central goal of this seminar is to help you refine and advance your research. This is going to be a multistage process. At each stage you will receive comments from me and all or some of your colleagues. I will post detailed guidelines for the research project in the class material tool of RamCt.

IV. Précis. You are expected to submit five précis of about 500 words each. I will count only the four best ones. You should write a précis for each seminar session that you facilitate. Please spread your précis and avoid producing two consecutive précis more than once. Distribute copies of your précis to everyone through RamCt email by 9am on the day of the seminar. Précis should provide frequent and appropriate references to the readings. Please see suggestions below.

V. Facilitation: Each one of you should facilitate discussion in at least four seminar sessions, no two of which should be consecutive. The facilitators for each week should meet to prepare in advance an outline that will bring out the main issues of the readings (please suggestions below). Please avoid summaries since everyone will have read the same material. Creative activities are encouraged.

VI. Weekly Discussions. All seminar participants will then have the chance to comment and add (including the reasons why they agree with what has already been said). Please be prepared to participate whether you have written a précis or not. While quality of contributions is more important than quantity you should contribute every week and frequently. The value of a seminar is not only to engage issues that we feel strongly or confident about but, equally importantly, to engage issues and views on which we feel less certain. I would ask that those of you who are more comfortable talking in public to be attentive to the class dynamics.

VII. Guidelines for Facilitation, Précis and Class Discussions. The suggestions that follow are intended for a series of articles, chapters and shorter research monographs which will be the sources of information for this class.

1. What is the central theme, issue or debate of the readings? The goal here is to organize the readings around one or more key ideas. The fewer these are, the better. The organization that could result may be one of direct disagreement, different framings, synergies, conceptual or historical continuum of views on a subject and so on. Your goal should be to identify one or two organizing concepts that are central to the readings and that allow you to address all them readings.

2. Are the arguments and evidence of the various authors clear and persuasive? Here we will go into some detail into each author's views. If the article or chapter is empirical we will treat it in the same fashion as we will examine them in terms of questions, evidence, method and answers.
3. How do the themes, issues, or concepts raised by a particular week's readings relate to previous readings or other material you are familiar with?
4. What is your view about the readings in terms of any other criterion that you find important.

VIII. Readings. The readings for this class consist of articles, chapters, position papers and short monographs. Chapters from books, articles from journals we do not subscribe to or other material that is not available electronically will be posted on RamCt. Articles in journals we subscribe to electronically can be accessed directly. For material available on the web I will provide the links under the weblinks tool of RamCt.

The readings are organized along theoretical themes rather than specific issue areas. However, I have sought to include readings that collectively address a number of specific categories of productive activities: agriculture/food, energy, manufacturing. Moreover, I have sought to use readings that collectively address questions of work, inputs, processes and outputs.

Schedule:

August 24 Introduction Rationale for Seminar

UNEP (2011) *Towards a Green Economy: A Synthesis for Policy Makers* (Web and RamCt Weblink –IGO Research and Strategies)

Natural Resource Forum (2011) *Viewpoints [Green Economy]* [electronic through library and RamCt Learning Module – Green Economy]

PART I: SETTING THE PARAMETERS

August 31 Green Economies

OECD (2011) *Towards Green Growth: A Summary for Policy Makers* (Web and RamCt Weblink –IGO Research and Strategies)

UNEP (2011) *Towards a Green Economy: A Synthesis for Policy Makers* (Web and RamCt Weblink –IGO Research and Strategies)

UNEP, UNCTAD and UN-OHRLLS (2011) *Green Economy: Why a Green Economy Matters for the Least Developed Countries* (Web and RamCt Weblink –IGO Research and Strategies)

Chapple, Karen (2008) *Defining the Green Economy: A Primer on Green Economic Development*. Center for Community Innovation, University of California – Berkeley (Web and Research and Advocacy Weblink)

Brookings Institution (2011) *Sizing the Clean Economy: A National and Regional Green Jobs Assessment*. (Web and Research and Advocacy Weblink)

Natural Resource Forum (2011) *Viewpoints [Green Economy]* 35: 63-72 [electronic through library and RamCt Learning Module – Green Economy]

September 7 Sustainability and Growth

Kates, Robert, Thomas Parris and Anthony Leiserowitz (2005). What is Sustainable Development? Goals, Indicators, Values and Practice. *Environment* 47(3): 8-21. [SD LM]

Connelly, Steve. 2007. Mapping Sustainable Development as a Contested Concept. *Local Environment* 12 (3): 259-278. [SD LM]

Daly, Herman. 2008. A Steady-State Economy. Submission to UK Sustainable Development Commission. [SD LM]

Jackson, Tim. 2011. Societal Transformations for a Sustainable Economy. *Natural Resources Forum* 35 : 165-174. [electronic]

Kallis, Giorgos. 2010. In Defence of Degrowth. *Ecological Economics* 70: 873-880. [electronic]

Van der Bergh J.C.J.M. (2011) Environment vs Growth – A Criticism of “Degrowth” and a Plea for “A-Growth”. *Ecological Economics* 70: 881-890. [electronic]

Research Ideas Due (please email them)

September 14 **No meeting due to professional travel**

PART II: MAPPING PRODUCTION: FROM PRODUCERS TO POLITICAL ECONOMIES

September 21 **Producers**

Press, Daniel. 2007. Industry, Environmental Policy, and Environmental Outcomes. *Annual Review of Environment and Resources* 32: 317-344. [electronic]

Pulver, Simon. 2007. Making Sense of Corporate Environmentalism: An Environmental Contestation Approach to Analyzing the Causes and Consequences of the Climate Change Policy Split in the Oil Industry. *Organization and Environment* 20(1): 44-83. [electronic]

Ombach, Brian. 2004. New Labor: Slowing the Treadmill of Production? *Organization and Environment* 17(3): 337-354

Savage, L. and D. Soron. 2011. Organized Labor, Nuclear Power, and Environmental Justice: A Comparative Analysis of the Canadian and U.S. Labor Movements. *Labor Studies Journal* 36 (1): 37-57. [electronic]

Anonymous. 2011. Neoliberal Climate Policy: From Market Fetishism to the Developmental State. [Mapping Production LM]

Mikler, John. 2010. Apocalypse now or business as usual? Reducing the carbon emissions of the global car industry. *Cambridge Journal of Regions, Economy and Society*, 3, 407–426. [electronic]

September 28 **Chains and Networks**

Scientific Applications International Corporation [for the EPA]. 2010. *Life Cycle Assessment: Principles and Practice*. [MP LM]

Samir K. Srivastava. 2007. Green supply-chain management: A state-of-the-art literature review. *International Journal of Management Reviews* 9(1): 53-80. [electronic]

Dauvergne, Peter and Jane Lister. 2010. The Power of Big Box Retail in Global Environmental Governance: Bringing Commodity Chains Back into IR. *Millennium* 39(1): 145-160 [electronic].

Levy, David. 2008. Political contestation in global production networks. *Academy of Management Review* 33/4: 943-963. [electronic]

Downey, Liam and Susan Strife. 2010. Inequality, Democracy and the Environment. *Organization & Environment* 23: 155-188. [electronic]

September 30 (F) Footprints, Unequal Exchange, Divisions of Labor

Wackernagel et al (2006). The Ecological Footprint of Cities and Regions: Comparing Resource Availability with Resource Demand. *Environment and Urbanization* 18(1): 103-112. [electronic]

Fiola, Nathan (2008) Measuring Sustainability: Why the Ecological Footprint is Bad Economics and Bad Environmental Science. *Ecological Economics* 67: 519-525. [electronic]

Jorgensen, Andrew and Brett Clark. 2009. The Economy, Military, and Ecologically Unequal Exchange Relationships in Comparative Perspective: A Panel Study of the Ecological Footprints of Nations, 1975–2000. *Social Problems*, Vol. 56 (4): 621-646. [electronic]

Behrens, Arno, Stefan Giljum, Jan Kovanda, Samuel Niza. 2007. The material basis of the global economy: Worldwide patterns of natural resource extraction and their implications for sustainable resource use policies. *Ecological Economics* 64: 444-453. [electronic]

Hornborg, Alf. 2009. Zero-Sum World: Challenges in Conceptualizing Environmental Load Displacement and Ecologically Unequal Exchange in the World-System. *International Journal of Comparative Sociology*, 50 (3-4): 237-262. [electronic]

Research Questions Due

October 5 Valuations

Atkinson, Giles and Murato, Susana. 2008. Environmental Cost-Benefit Analysis. *Annual Review of Environment and Resources* , 33: 317-344. [electronic]

Sunstein, Cass (2005) Cost-Benefit Analysis and the Environment. *Ethics* 115: 351-385. [electronic]

Vatn, Arild and Daniel Bromley. 1994. Choices Without Prices Without Apologies. *Journal of Environmental Economics and Management* 26 (2): 129-148. [electronic]

Heinzerling, Lisa and Frank Ackerman (2002) *Pricing the Priceless: Cost-Benefit Analysis of Environmental Protection*. Georgetown Environmental Policy and Law Institute, Georgetown University Law Center. [MP LM]

Lohman, Larry (2009) Toward a Different Debate in Environmental Accounting: The Cases of Carbon and Cost-Benefit. *Accounting, Organizations and Society* 34 (3-4): 499-534 [electronic]

Research Questions Discussed

October 12 Transitions and Unexpected Consequences

Brookes, Leonard (2000) Energy Efficiency Fallacies Revisited. *Energy Policy* 28: 355-366. [electronic]

Ruzzemmenti, F. and R. Basosi. 2008. The Rebound Effect: An Evolutionary Perspective. *Ecological Economics* 67: 526-537. (electronic)

van den Bergh, Jeroen C.J. M. (2011) Energy Conservation More Effective With Rebound Policy. *Environmental and Resource Economics* 48: 43-58. [electronic]

Owen, D. (2010) 'Annals of environmentalism: The efficiency dilemma', *The New Yorker*, December 20 and 27, 78-85. [Transitions LM]

Jenkins, Jesse, Ted Nordhaus and Michael Shellenberger (2011) *Energy Emergence: Rebound and Backfire as Emergent Phenomena*. Breakthrough Institute. [Transitions LM]

Goldstein, David, Sierra Martinez, and Robin Roy (2011) *Are There Rebound Effects from Energy Efficiency? – An Analysis of Empirical Data, Internal Consistency, and Solutions*. Electricity Policy.com. [Transitions LM]

PART II: GREENING PRODUCTION: FROM PRODUCTS TO POLITICAL ECOLOGY

October 19 Eco-efficiency and Industrial Ecology

Frosch, Robert and Nicolas Gallopoulos (1989) Strategies for Manufacturing. *Scientific American* 261 (3): 144-152. [Eco-efficiency LM]

World Business Council for Sustainable Development. *Eco-Efficiency*. [Eco-efficiency LM]

del Río, Pablo, Javier Carrillo-Hermosilla, and Totti Könnölä (2010) Policy Strategies to Promote Eco-Innovation: An Integrated Framework. *Journal of Industrial Ecology* 14(4): 541-557. [electronic]

Deutz, Pauline (2009) Producer responsibility in a sustainable development context: ecological modernization or industrial ecology? *The Geographical Journal*, 175 (4): 274-285. [electronic]

Guziana, Bozena. 2011. Is the Swedish Environmental Technology Sector 'Green'? *Journal of Cleaner Production* 19: 827-835. [electronic]

October 21 From CSR to Civil Regulation

Crane, Andrew, Dirk Matten and Jeremy Moon (2010) Ecological Citizenship and the Corporation: Politicizing the New Corporate Environmentalism. *Organization & Environment* 23 (4): 371-389. [electronic]

Angle, David, Trina Hamilton and Matthew Huber. 2007. Global Environmental Standards for Industry. *Annual Review of Environment and Resources* 32: 295-316 [electronic].

Bendell, Jem (2000) Civil Regulation: A New Form of Democratic Governance for the Global Economy? From Jem Bendel (ed) *Terms of Endearment: Business, NGOs and Sustainable Development*: Greenleaf Publishers. [From CSR to CR LM]

Cashore, Benjamin et al. 2007. Can Non-State Governance 'Ratchet-Up' Global Environmental Standards? Lessons from the Forest Sector. *RECIEL* 16(2): 158-172. [From CSR to CR LM]

Taylor, Peter Leigh. 2005. In the Market But Not of It: Fair Trade Coffee and Forest Stewardship Council Certification as Market-Based Social Change. *World Development*, 33 (1): 129-47. [From CSR to CR LM]

October 26 Industrial Policy

Block, Fred. 2011. Innovation and the Invisible Hand of Government. In Fred Block and Matthew Keller (eds). *State of Innovation: The U.S. Government's Role in Technology Development*. Boulder: Paradigm Press, pp. 1-26. [Industrial Policy LM]

Block, Fred. 2011. Crisis and renewal: the outlines of a twenty-first century new deal. *Socio-Economic Review* 9: 31-57. [electronic]

Schrank, Andrew. 2011. Green Capitalists in a Purple State. Sandia National Laboratories and the Renewable Industry in New Mexico. In Fred Block and Matthew Keller (eds). *State of Innovation: The U.S. Government's Role in Technology Development*. Boulder: Paradigm Press, pp. 96-108. [Industrial Policy LM]

Zarsky, Lyuba. 2010. Climate-Resilient Industrial Development Paths: Design Principles and Alternative Models. Global Development and Environment Institute, Working paper N0. 10-01. (Industrial Policy LM)

Marszalek, B. (2008) 'Green-Collar Jobs, Industrial Policy and a Society with Future', *New Labor Forum* 17(3): 30-36. [Industrial Policy LM]

October 31 (M) Short Research Proposals Due

November 2 Employment/Social Policy

Pollin, Robert, et al. 2008. *Green Recovery: A Program to Create Good Jobs and Start Building a Low-Carbon Economy*. Center for American Progress and PERI. (Employment Policy LM).

Gülen, Gürcan. 2011. Defining, Measuring and Predicting Green Jobs. Copenhagen Consensus Center. (Employment Policy LM)

Brookings Institution (2011) *Sizing the Clean Economy: A National and Regional Green Jobs Assessment*. (Web and Research and Advocacy Weblink)

Nugent, J.P. 2011. Changing the Climate: Ecoliberalism, Green New Dealism, and the Struggle over Green Jobs in Canada. *Labor Studies Journal* 36(1): 58-82. [electronic]

Sweeney, Sean. 2009. More than Green Jobs: Time for a New Climate Policy for Labor. *New Labor Forum* 18(3): 53-59. [Employment Policy LM]

Rathzel, Nora and David Uzzell (2011). Trade Unions and Climate Change: The Jobs vs Environment Dilemma. *Global Environmental Change* 21: 1215-1223. [electronic]

Trade Union Congress. 2008. *A Green and Fair Future: For a Just Transition to a Low Carbon Economy*. Touchstone Pamphlet 3 (Employment Policy LM).

Short Research Proposals Discussed

November 9 From Environmental to Ecological Modernization

Christof, Peter. 1996. Ecological Modernisation, Ecological Modernities. *Environmental Politics* 5(3): 476-500. [EM LM].

Jaenicke, Martin and Stefan Lindemann. 2010. Governing Environmental Innovations. *Environmental Politics* 19 (1): 127-141. [electronic]

Cohen, Maurie. 2006. Ecological Modernization and its Discontents: The American Environmental Movement's Resistance to an Innovation-Driven Future. *Futures* 38: 528-547. [electronic]

Schlosberg, David and Sara Rinfret. 2008. Ecological Modernisation, American Style. *Environmental Politics* 17(2): 254-275. [electronic].

Davies, Anna and Sue Mullin (2011) Greening the Economy: Interrogating Sustainability Innovations Beyond the Mainstream. *Journal of Economic Geography* 11: 793-816. [electronic]

Warner, Rosalind. 2010. Ecological Modernization Theory: Towards a Critical Ecopolitics of Change? *Environmental Politics* 19 (4): 538-556 [electronic]

Short Research Proposals Discussed

November 16 Research

November 30 Presentations of Research

December 2 (F) Presentations of Research

December 7 Presentations of Research

December 14 Research Product Due.

