

Environmental Politics: Domestic and International Dimensions

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1. Course Description

The purpose of this course is to familiarize students with the key institutions and issues relevant to the study of domestic and international environmental politics. Environmental protection is truly an *intermestic* issue, meaning that it almost always resides at the intersection of domestic and international politics. The course will largely proceed in two parts. In Part 1 of the course (sessions 1–8) we will be introduced to the key institutions, actors, concepts and ideas relevant to the study of environmental policymaking in the United States. In Part 2 (sessions 9–27), we will address major domestic and international environmental issues, including water and air pollution, hazardous waste, public land management, conservation of biological diversity, trade and agricultural issues, climate change, renewable energy competition, and environment justice and equity.

2. Required Readings

The two required texts for this course are as follows:

Layzer, Judith. 2011. *The Environmental Case: Translating Values in Policy* [3rd edition]. CQ Press.

Rosenbaum, Walter A. 2011. *Environmental Politics and Policy* [8th edition]. CQ Press.

3. Course Requirements

Grading:

Attendance 100 points

I will take attendance randomly ten times throughout the semester.

Midterm 1 (Session 8) 200 points

The first midterm exam will cover all material discussed between the beginning of the course and this session. The exam will feature a combination of multiple choice, identification, and short answer responses.

Midterm 2 (Session 16) 200 points

The second midterm exam will cover all material discussed since the first midterm. While the exam is cumulative, it will primarily emphasize issues discussed since the previous midterm. The exam will feature a combination of multiple choice, identification, and short answer responses.

Project (due session 22) 200 points

Students will be required to prepare a draft letter to a member of Congress regarding either a local, domestic, or international environmental issue of their choosing. Students will also be required to prepare a brief, 3-5 page background issue brief for the member of Congress. Additional instructions will be forthcoming. Your preliminary **proposal** for this project will be **due session 12**.

Final Exam (session 28) 300 points

The final exam will feature a combination of multiple choice, identification, and short answer responses. It will also feature an essay question. The exam will most heavily emphasize issues discussed since the second midterm, though it will be cumulative in nature (particularly on the essay question).

Final grades will be assigned as follows:

900-1,000	A	780-799	C+	Below 600	F
880-899	B+	700-779	C		
800-879	B	600-699	D		

4. Class Schedule and Reading Guide

COURSE INTRODUCTION AND HISTORICAL OVERVIEW

Session 1—Course Introduction

Syllabus discussed

Session 2—American Environmentalism: A Historical Perspective

Vaughn, Chapter 1, "A Historical Framework for Environmental Protection"

Rosenbaum, Chapter 1, "After Earth Day"

VIDEO: Earth Days" (American *Experience*, PBS, April 10, 2010), available at

<http://video.pbs.org/video/1463378089/>

KEY CONCEPTS, ACTORS, AND INSTITUTIONS IN ENVIRONMENTAL POLICY

Session 3—The U.S. Environmental Policymaking Process

Rosenbaum, Chapter 2, "Making Policy: the Process"

Session 4—Key Actors in the Policymaking Process

Rosenbaum, Chapter 3, "Making Policy: Institutions and Politics"

Session 5—Ideology, Public Opinion and Partisanship in U.S. Environmental Policymaking Gridlock

Layzer, Chapter 1, "A Policymaking Framework", pp. 1-9

Klyza, Christopher McGrory and David J. Sousa. 2008. *American Environmental Policy, 1990- 2006: Beyond Gridlock*. Cambridge, MA: MIT Press. Chapter 2, 'Creating the Current Institutional Landscape of Environmental Policymaking'

Dunlap, Riley E. and Aaron McCright. 2008. A Widening Gap: Republican and Democratic Views on Climate Change. *Environment* 50(5):26-35.

Wood, B. Dan and Arnold Vedlitz. 2007. Issue Definition, Information Processing, and the Politics of Global Warming. *American Journal of Political Science* 51(3):552-568.

Session 6—Regulation, Wise Use, and Property Rights: the Anti-Environmental Backlash

Rosenbaum, Chapter 4, “Common Policy Challenges”, 128-147

Rosenbaum, Chapter 5, “More Choice: the Battle over Regulatory Economics”

Layzer, Chapter 13, “Backlash: Wise Use, Property Rights, and Antienvironmental Activism in the 1990s”

Session 7—The States as Environmental Actors

Bogdonoff, Sondra and Jonathan Rubin. 2007. The Regional Greenhouse Gas Initiative: Taking Action in Maine. *Environment* 49(2):34-43.

Doughman, Pamela M. 2007. California’s Climate Change Policy: Raising the Bar. *Environment* 49(7):34-43.

Session 8—Midterm Exam 1

MAJOR ISSUES IN DOMESTIC AND INTERNATIONAL ENVIRONMENTAL POLITICS

Session 9—U.S. Environmental Foreign Policy: Leader or Laggard?

DeSombre, Elizabeth. 2010. The United States and Global Environmental Politics: Domestic Sources of U.S. Unilateralism. In Regina S. Axelrod, et al (eds.), *The Global Environment: Institutions, Law and Policy*, pp. 192-212. Available at

<http://www.polisci.ufl.edu/usfpinstitute/2010/documents/readings/DeSombre%20Chapter.pdf>

Session 10—The US and the European Union in Comparative Perspective

Harris, Paul G. 2002. Sharing the Burdens of Environmental Change: Comparing EU and US Policies. *The Journal of Environment and Development* 11(4):380- 401.

Kelemen, R. Daniel and David Vogel. 2010. Trading Places: the Role of the United States and the European Union in International Environmental Politics. *Comparative Political Studies* 43(4):427-456.

Session 11—Water Issues in the United States

Layzer, Chapter 6, “Command and Control in Action”, 218-236

Layzer, Chapter 15, “Ecosystem-Based Management in the Chesapeake Bay”

VIDEO: “Poisoned Waters” (Frontline, PBS, April 2009), available at

<http://video.pbs.org/video/1114515379/>

Session 12—Global Water Issues

Conca, Ken. 2008. The United States and International Water Policy. *The Journal of Environment and Development* 17(3):215-237.

Nickum, James E. Hydraulic Pressures: Into the Age of Water Scarcity? *Foreign Affairs* 89(5):130-137.

Varady, Robert G., et al. 2008. Strengthening Global Water Initiatives. *Environment* 50(2):18-30.

Session 13—Air Pollution in the United States

Layzer, Chapter 6, "Command and Control in Action", pp. 200-218

Layzer, Chapter 14, "Market-Based Solutions: Acid Rain and the Clean Air Act Amendments of 1990"

Session 14—Hazardous Waste in the United States

Layzer, Chapter 3, "Love Canal"

Rosenbaum, Chapter 7, "A Regulatory Thicket: Toxic and Hazardous Substances"

Session 15—Global Pollution and Waste Issues

Huang, Yanzhong. 2011. The Sick Man of Asia. *Foreign Affairs* 90(6): 119-136.

Liu, John Chung-En and Anthony A. Leiserotitz. 2009. From Red to Green? *Environment* 51(4):32-45.

Liu, Lee. 2010. Made in China: Cancer Villages. *Environment* 52(2):8-21.

Selin, Henrik and Stacy D. VanDeveer. 2006. Raising Global Standards: Hazardous Substances and E-Waste Management in the European Union. *Environment* 48(10): 6-18.

Session 16—Midterm Exam 2

Session 17—Conservation, Land Management and Biological Diversity in the United States

Rosenbaum, Chapter 9, "635 Million Acres of Politics: the Battle for Public Lands"

Session 18—Global Conservation, Land Management and Biological Diversity Issues

Wynberg, Rachel and Sarah Laied. 2007. Bioprospecting. *Environment* 49(10):20-32.

Cashore, Brian. 2006. Forest Certification in Developing and Transitioning Countries...Part of a Sustainable Future? *Environment* 48(9):6-25.

Sanderson, Steven. 2009. Where the Wild Things Were: How Conservation Efforts are Faltering. *Foreign Affairs*, Postscript, available at <http://www.foreignaffairs.com/articles/65688/steven-sanderson/where-the-wild-things-were>

Victor, David G. and Jesse H. Ausubel. 2004. Restoring the Forests. *Foreign Affairs* 79(6):127- 144.

Session 19—Trade and the Environment

Layzer, Chapter 12, “Trade versus the Environment: Dolphins, Turtles, and Global Economic Expansion”

Jinnah, Sikina. 2011. Strategic Linkages: The Evolving Role of Trade Agreements in Global Environmental Governance. *The Journal of Environment and Development* 20(2):191-215.

Session 20—Biotechnology and Agricultural Trade Issues

“Agricultural Biotechnology Meets International Trade: The US-EU GMO Dispute”, available at

http://www.pii.com/publications/chapters_preview/3632/06iie3632.pdf

Paarlberg, Robert. 2000. The Global Food Fight. *Foreign Affairs* 79(3):24-38.

Victor, David and C. Ford Runge. 2002. Farming the Genetic Frontier. *Foreign Affairs* 81(3).

Session 21—Climate Change

Rosenbaum, Chapter 10, “Climate Change, Domestic Politics, and the Challenge of Global Policymaking”

VIDEO: “Heat”, PBS, *Frontline*, October 21, 2008, available at

<http://video.pbs.org/video/994540147/>

Session 22—Climate Change

Stavins, Robert N. and Robert C. Stowe. 2010. What Hath Copenhagen Wrought? A Preliminary Assessment. *Environment* 52(3):8-14.

Bell, Ruth Greenspan, et al. 2011. Beyond the Durban Climate Talks: To Fix the Environment, Fix the Negotiations. *Foreign Affairs*, Snapshot, available at <http://www.foreignaffairs.com/articles/136627/ruth-greenspan-bell-barry-blechman-and-micah-ziegler/beyond-the-durban-climate-talks#>

Bell, Ruth Greenspan and Barry Blechman. 2011. How Much Did the Climate Talks in Durban Accomplish? Why More of the Same Could Be Dooming the Planet. *Foreign Affairs*, Snapshot, available at

<http://www.foreignaffairs.com/articles/136762/ruth-greenspan-bell-and-barry-blechman/how-much-did-the-climate-talks-in-durban-accomplish>

Session 23—Nuclear Energy at Home and Abroad

Rosenbaum, Chapter 8, “Energy: Nuclear Dreams, Black Gold, and Vanishing Crude”

Butler, Catherine. 2011. Nuclear Power after Japan: the Social Dimensions.

Environment, available at

<http://www.environmentmagazine.org/Archives/Back%20Issues/2011/November-December%202011/Nuclear-full.html>

Ferguson, Charles D. 2011. Thing Again: Nuclear Power: Japan Melted Down, But that Doesn't Mean the End of the Atomic Age. *Foreign Policy*, available at

http://www.foreignpolicy.com/articles/2011/10/11/think_again_nuclear_power

MacFarlane, Allison. 2010. Nuclear Power: a Panacea for Future Energy Needs? *Environment* 52(2).
Moniz, Ernest. 2011. Why We Still Need Nuclear Power. *Foreign Affairs* 90(6): 83-94.

Session 24 -- Renewable Energy in the United States

Layzer, Chapter 11, "Cape Wind: If Not Here, Where? If Not Now, When?"
Joshua Green, "The Elusive Green Economy", *The Atlantic*, July/August 2009.

Session 25—Global Renewable Energy Initiatives

Friedmann, S. Julio. 2011. "How Chinese Innovation is Changing Green Technology", *Foreign Affairs*, Snapshot, available at <http://www.foreignaffairs.com/articles/136761/s-julio-friedmann/how-chinese-innovation-is-changing-green-technology>
Kenny, Charles. 2011. "Greening it Alone: the World is Building a Low-Carbon Global Economy—with or without the United States". *Foreign Policy*, available at http://www.foreignpolicy.com/articles/2011/08/01/greening_it_alone?page=0,0
Levi, Michael, et al. 2010. Globalizing the Energy Revolution: How to Really Win the Clean Energy Race. *Foreign Affairs* 89(6)
Victor, David G. and Kassia Yanosek. 2011. The Crisis in Clean Energy: Stark Realities of the Renewables Craze. *Foreign Affairs* 90(4):112-120.

Session 26—Environmental Justice and Equity Issues

Rosenbaum, pp. 147-155
Layzer, Chapter 17, "Hurricane Katrina Hits New Orleans: Disaster, Restoration and Resilience"
Layzer, Chapter 4, "Community Activism and Environmental Justice"

Session 27— Future Directions in Environmental Politics

Vaughn, Chapter 12, "Emerging Issues in Environmental Politics"
Global Trends 2025: A Transformed World (Excerpts), Available at http://www.dni.gov/nic/PDF_2025/2025_Global_Trends_Final_Report.pdf

Session 28 -- FINAL EXAM

5. Research Project

PROJECT OVERVIEW (200 points)

Your course project involves preparing a cover letter and policy brief for a member of Congress on an environmental issue of your choosing. You may choose any environmental issue, whether it is primarily local, national, or international in character.

Project Proposal: Session 12, you should submit a 1-2 page project proposal that clearly and succinctly addresses the following:

- **Clearly identify what environmental issue you will be discussing:** 'Climate change', for example, is too vague. What aspect of climate change are you looking at.
 - **Clearly identify what member of Congress you are choosing to write to, and why you are writing to them:** Are they on a particular committee that is relevant to the issue that concerns you? Did they take a position on your issue, or sponsor or vote on a bill, that you agree or disagree with?
 - **Clearly identify 5-8 credible sources of information in a preliminary works-cited page.** Do not simply list sources; briefly explain to me why you have chosen them. It should be clear from the explanation that you read the sources you are listing. These may include, but should not be limited to, assigned class readings.
 - **Late policy:** 10 points will be deducted from the overall project grade for every 24 hour period after the due date that the proposal has not been submitted.
- Cover Letter and Policy Brief: Session 22**, you will submit a document that includes the following:
- A cover letter to a member of Congress, explaining why you are writing to them. The text of this cover letter should be approximately 500 words.
 - A policy brief of approximately 3-5 pages explaining why you are taking the position that you are on the particular environmental issue in question—and why they should, too. This policy brief should be backed up with credible information sources.
 - A works cited page
 - This project will be graded on the clarity of presentation, the rationale for sending the letter to a particular member of Congress, and the effectiveness of your use of credible sources of information to make your case.
 - **Late policy:** 20 points will be deducted from the overall project grade for every 24 hour period after the due date that the proposal has not been submitted.

CONDUCTING RESEARCH FOR YOUR PROJECT

Researching U.S. Legislation

Database of Anti-Environment Votes in the 112th Congress, Committee on Energy and Commerce, Democratic Staff

<http://democrats.energycommerce.house.gov/index.php?q=page/legislative-database-the-most-anti-environment-house-in-history>

Environment News (Compiled by Congress.org)

<http://www.congress.org/issues/Environment>

Thomas, Library of Congress: Browse **Subject Terms** on Bills
<http://thomas.loc.gov/cgi-bin/bssQuery/?Opt=s&Db=112>

Thomas, Library of Congress: Search by **Bill Number**
<http://thomas.loc.gov/home/thomas.php>

League of Conservation Voters, National Environmental Scorecard
<http://www.lcv.org/scorecard/>

Project Vote Smart (Environmental Issues)
<http://www.votesmart.org/issues/NA/30>

U.S. Government Printing Office
<http://www.gpo.gov/fdsys/>

GovTrack
<http://www.govtrack.us/congress/billsearch.xpd>

National Council for Science and Engineering: Congressional Research Service Reports
<http://www.ncseonline.org/programs/science-policy/crs-reports>

The American Presidency Project
<http://www.presidency.ucsb.edu/>

News and Blog Sources

E2 Wire: The Hill's Energy & Environment Blog (note: *this is available as an app on iPhone/iPad*)
<http://thehill.com/blogs/e2-wire>

Energy & Environment (from *Politico*)
<http://www.politico.com/energy/>

Foreign Policy: Environmental Section
<http://www.foreignpolicy.com/category/topic/environment>

Grist
<http://www.grist.org/>

Climate Progress (Joe Romm blog)
<http://thinkprogress.org/romm/issue/?mobile=nc>

The Climate Agenda (The *Washington Post*)
<http://www.washingtonpost.com/wp-srv/special/climate-change/?sid=ST2010032802698>

Green: A Blog About Energy & the Environment (The New York Times)
<http://green.blogs.nytimes.com/>

Dot Earth (Andrew Revkin Blog, The New York Times)
<http://dotearth.blogs.nytimes.com/>

Science Topics (The New York Times)
<http://topics.nytimes.com/topics/news/science/topics/index.html>

Environmental Health News (from Environmental Health Sciences)
<http://www.environmentalhealthnews.org/>

Environmental News Network
<http://www.enn.com/>

E-The Environment Magazine
<http://www.emagazine.com/>

Environment News (National Geographic)
<http://news.nationalgeographic.com/news/archives/environment/>

General Foreign Policy Periodicals of Interest

The Atlantic Monthly

Foreign Affairs

Foreign Policy

Legal Periodicals

American Journal of International Law

Chicago Journal of International Law

The Harvard Environmental Law Review

Ecology Law Quarterly

Environmentally-Focused Academic & Policy Periodicals

*Environment: Science and Policy
for Sustainable Development*

Journal of Environment and Development

Global Environmental Politics

*Journal of Environmental Economics
and Management*

Political Science Periodicals

American Journal of Political Science

American Political Science Review

Comparative Political Studies

Foreign Policy Analysis

International Organization

International Studies Quarterly

International Studies Review

Journal of Politics

Perspectives on Politics

Political Science Quarterly

World Politics

Advocacy, Nongovernmental Organizations & Research Institutions

Council on Foreign Relations: Energy and Environment Page

<http://www.cfr.org/issue/energyenvironment/ri17?groupby=3&page=1&id=17>

Brookings Institute: Environment Page

<http://www.brookings.edu/topics/environment.aspx>

Stanford University, Program on Energy and Sustainable Development

<http://pesd.stanford.edu/>

Center for Climate & Energy Solutions

<http://www.c2es.org/>

Earth Institute (Columbia University)

<http://www.earth.columbia.edu/sections/view/9>

Pew Center on Global Climate Change

<http://www.pewclimate.org/>

United States Climate Action Partnership (USCAP)

<http://www.us-cap.org/>

Alliance for Climate Protection

<http://www.climateprotect.org/>

Green for All (group advocating green jobs as anti-poverty mechanism)

<http://www.greenforall.org/>

Center for Biological Diversity

<http://www.biologicaldiversity.org/>

Republicans for Environmental Protection

<http://www.rep.org/>

U.S. Chamber of Commerce: Environmental Issues

<http://www.uschamber.com/issues/environment>

Federal Government: Executive Branch

Energy and Environment (The White House)

<http://www.whitehouse.gov/energy>

Council on Environmental Quality (The White House)

<http://www.whitehouse.gov/administration/eop/ceq>

U.S. State Department: Bureau of Oceans and International Environmental and Scientific Affairs

<http://www.state.gov/g/oes/index.htm>

United States Trade Representative, Office of Environment & Natural Resources

<http://www.ustr.gov/trade-topics/environment>

Environmental Protection Agency

www.epa.gov

US Agency for International Development (USAID), Environment

http://www.usaid.gov/our_work/environment/

National Renewable Energy Laboratory (Dept of Energy)

<http://www.nrel.gov>

Superfund (Environmental Protection Agency)

<http://www.epa.gov/superfund/>

Federal Government: Legislative Branch

Note: when visiting the website of congressional committees, please be sure to visit the sites of the various relevant subcommittees as well.

Democratic Party: Environmental Issues Website

<http://www.democrats.org/issues/environment>

U.S. Government Accountability Office: Key Topics

<http://www.gao.gov/browse/topic>

Select Committee on Energy Independence & Global Warming

<http://globalwarming.house.gov/>

House Committee on Energy & Commerce

<http://energycommerce.house.gov/>

House Committee on Foreign Affairs

<http://foreignaffairs.house.gov/>

House Committee on Natural Resources

<http://naturalresources.house.gov/>

House Committee on Science, Space & Technology

<http://science.house.gov/>

House Committee on Transportation & Infrastructure

<http://transportation.house.gov/>

House Committee on Ways and Means

<http://waysandmeans.house.gov/>

Senate Committee on Agriculture, Nutrition, & Forestry

<http://www.agriculture.senate.gov/>

Senate Committee on Appropriations

<http://www.appropriations.senate.gov/>

Senate Committee on Energy & Natural Resources

<http://energy.senate.gov/public/>

Senate Committee on Environment & Public Works

<http://epw.senate.gov/public/?CFID=128406506&CFTOKEN=24009889>

Senate Committee on Finance

<http://www.finance.senate.gov/>

Senate Committee on Foreign Affairs

<http://www.foreign.senate.gov/>

State and Local Government/NGOs

Project Vote Smart: Environmental Votes & Issues in New Jersey

<http://www.votesmart.org/issues/NJ/30>

New Jersey Department of Environmental Protection

<http://www.state.nj.us/dep/>

New York City Department of Environmental Protection

<http://www.nyc.gov/html/dep/html/home/home.shtml>

GreenNYC

<http://www.nyc.gov/html/greenyc/html/home/home.shtml>

Environmental Council of the States

<http://www.ecos.org/>

Local Governments for Sustainability

<http://www.iclei.org/>

Regional Greenhouse Gas Initiative

<http://www.rggi.org/home>

The Climate Registry

<http://www.theclimateregistry.org/>

U.S. Conference of Mayors: Mayors Climate Protection Center

<http://usmayors.org/climateprotection/ClimateChange.asp>

International

The World Factbook, Central Intelligence Agency

<https://www.cia.gov/library/publications/the-world-factbook/index.html>

Environmental Performance Index, Yale University

<http://epi.yale.edu/>

United Nations Development Program, International Human Development Indicators

<http://hdr.undp.org/en/statistics/>

Environment Directorate, Organization for Economic Cooperation & Development (OECD)

http://www.oecd.org/department/0,3355,en_2649_33713_1_1_1_1_1,00.html

Environmental Data, The World Bank

<http://data.worldbank.org/topic/environment>

Environment (The World Bank)

<http://web.worldbank.org/WBSITE/EXTERNAL/TOPICS/ENVIRONMENT/0,,menuPK:176751~pagePK:149018~piPK:149093~theSitePK:244381,00.html>

North American Free Trade Agreement, Commission for Environmental Cooperation

<http://www.cec.org/>

World Trade Organization, Trade and Environment

http://www.wto.org/english/tratop_e/envir_e/envir_e.htm

Environment and Security Initiative

<http://www.envsec.org/index.php?lang=en>

North Atlantic Treaty Organization: Environmental Security

<http://www.envsec.org/index.php?lang=en>

United Nations Environment Programme

<http://www.unep.org/>

United Nations Treaty Collection, Environmental Treaties

<http://treaties.un.org/Pages/Treaties.aspx?id=27&subid=A&lang=en>

United Nations Framework Convention on Climate Change
<http://unfccc.int/2860.php>

Intergovernmental Panel on Climate Change
<http://www.ipcc.ch/>

UNEP Ozone Secretariat
http://ozone.unep.org/new_site/en/index.php

Convention on Biological Diversity
<http://www.cbd.int/>

Stockholm Convention on Persistent Organic Pollutants
<http://chm.pops.int/Home/tabid/2121/mctl/ViewDetails/EventModID/871/EventID/230/xmid/6921/Default.aspx>

UNEP Ozone Secretariat
http://ozone.unep.org/new_site/en/index.php

Comprehensive Nuclear Test Ban Treaty
<http://www.ctbto.org/>

Global Zero: A World Without Nuclear Weapons
<http://www.globalzero.org/>

G-77 (group representing interests of developing nations at the United Nations)
<http://www.g77.org/>

Ministry of Environmental Protection, People's Republic of China
<http://english.mep.gov.cn/>

Ministry of Environment and Forests, Government of India
<http://moef.nic.in/index.php>

European Commission Environmental Website, European Union
http://ec.europa.eu/environment/policy_en.htm

Department for Environment, Food and Rural Affairs, United Kingdom
<http://www.defra.gov.uk/>

Federal Ministry for the Environment, Nature Conservation and Nuclear Safety,
Federal Republic of Germany
http://www.bmu.de/english/radiological_protection/aktuell/3856.php

SELECTION OF READINGS OF INTEREST BY TOPIC
(includes numerous assigned class readings)

Africa

- Funke, Nikki. 2007. Redressing Inequality: South Africa's New Water Policy. *Environment* 49(3):10-23.
- Honey, Martha. 2009. Community Conservation and Early Ecotourism: Experiments in Kenya. *Environment* 51(1):46-57.
- Thurow, Roger. 2010. The Fertile Continent: Africa, Agriculture's Final Frontier. *Foreign Affairs* 89(6)
- Ziervogel, Gina and Anna Taylor. 2008. Feeling Stressed: Integrating Climate Adaptation with Other Priorities in South Africa. *Environment* 50(2):32-41.

Asia (General)

- Dore, Giovanna and Tanvi Nagpal. 2006. Urban Transition in Mongolia. *Environment* 48(6):10- 24.
- Fernandez, Pepito. 2009. The Sea Around the Philippines: Governance and Management or a Complex Ecosystem. *Environment* 51(3):36-51.
- Rock, Michael T. and David P. Angel. 2007. Grow First, Clean Up Later? Industrial Transformation in East Asia. *Environment* 49(4):8-19.
- Westing, Arthur. 2010. Toward Environmental Sustainability and Reduced Tensions on the Korean Peninsula. *Environment* 52(1)

Agriculture and Food Issues

- Bertini, Catherine and Dan Glickman. 2009. Farm Futures: Bringing Agriculture Back to US Foreign Policy. *Foreign Affairs* 88(3):93-105.
- Pinstrup-Andersen, Per and Anna Herforth. 2008. Food Security: Achieving the Potential. *Environment* 50(5):48-61.
- Runge, C. Ford and Benjamin Senauer. 2000. A Removable Feast. *Foreign Affairs* 79(3):39-51.
- Runge, C. Ford and Carlisle Piehl Runge. 2010. Against the Grain: Why Failing to Complete the Green Revolution Could Bring the Next Famine. *Foreign Affairs* 89(1).
- Siikamäki, Juha. 2008. Climate Change and U.S. Agriculture: Examining the Connections. *Environment* 50(4): 36-49.
- Thurow, Roger. 2010. The Fertile Continent: Africa, Agriculture's Final Frontier. *Foreign Affairs* 89(6)

Arctic Regions

- Borgerson, Scott G. 2008. Arctic Meltdown: the Economic and Security Implications of Global Warming. *Foreign Affairs* 87(2):63-77.
- Borgerson, Scott G. 2009. The Great Game Moves North: As the Arctic Melts, Countries Vie for Control. *Foreign Affairs*, Postscript. Available at <http://www.foreignaffairs.com/articles/64905/scott-g-borgerson/the-great-game-moves-north>

Biofuels

- Daschle, Tom, et al. 2007. Food for Fuel? *Foreign Affairs*, September/October.
- Naylor, Rosamund, et al. 2007. The Ripple Effect: Biofuels, Food Security, and the Environment. *Environment* 49(9): 30-43.
- Runge, C. Ford and Benjamin Senauer. 2007. How Biofuels Could Starve the Poor. *Foreign Affairs*, May/June.

Biotechnology

- Paarlberg, Robert. 2000. The Global Food Fight. *Foreign Affairs* 79(3):24-38.
- Victor, David and C. Ford Runge. 2002. Farming the Genetic Frontier. *Foreign Affairs* 81(3): Wynberg, Rachel and Sarah Laied. 2007. Bioprospecting. *Environment* 49(10):20-32.

Cap-and-Trade

- Kurtzman, Joel. 2009. The Low-Carbon Diet: How the Market Can Curb Climate Change. *Foreign Affairs* 88(5):114-122.

China

- Friedmann, S. Julio. 2011. "How Chinese Innovation is Changing Green Technology", *Foreign Affairs Snapshot*, available at <http://www.foreignaffairs.com/articles/136761/s-julio-friedmann/how-chinese-innovation-is-changing-green-technology>
- Huang, Yanzhong. 2011. The Sick Man of Asia. *Foreign Affairs* 90(6): 119-136.
- Liu, John Chung-En and Anthony A. Leiserowitz. 2009. From Red to Green? *Environment* 51(4):32-45.
- Liu, Lee. 2010. Made in China: Cancer Villages. *Environment* 52(2):8-21.
- Solecki, William D. and Robin M. Leichenko. 2006. Urbanization and the Metropolitan Environment: Lessons from New York and Shanghai. *Environment* 48(4):8-23.
- Zweig, David and Bi Jianhai. 2005. China's Global Hunt for Energy. *Foreign Affairs* 84(5):25- 38.

Conflict and Human Security

- Dabelko, Geoffrey. 2008. An Uncommon Peace: Environment, Development, and the Global Security Agenda. *Environment* 50(3):18-30.
- Webersik, Christian. 2008. War Over Resources? Evidence from Somalia. *Environment* 50(3):46- 58.

Environmental Crises and Environmental Justice

- Agyeman, Julian. 2005. Where Justice and Sustainability Meet. *Environment* 47(6):1-23.
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