

# Development and the Environment

SMA 530

Autumn Quarter 2010

TTH, 10:30- 11:50, MAR 168

Credit Hours: 3

Instructor: Nives Dolšak

Office Hours: Thursdays, 12:00 – 1:00 PM and by appointment

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## Course Description

This course examines two concepts that are intertwined and often perceived as constraining one another, economic development and the natural environment. Economic development is a key component of a society's survival and progress. Governments are judged in terms of their success in encouraging economic growth. Yet, economic growth can lead to resource overuse and pollution. Sustainable development, growth management, sustainable yield, sustainable practices, local and organic food production, corporate social responsibility, and other approaches have been devised to harmonize growth and sustainability. Under what conditions such approaches emerge? What factors influence their effectiveness? How do they relate to other societal goals such as democracy and equity? These are the key issues addressed in this course.

I use a seminar approach. I expect students to read the assigned readings prior to the class and come prepared to engage in an energetic discussion to identify core issues, engage in theoretical debates, examine policy options, and suggest policy solutions. Students will reflect on the assigned readings in weekly memos. They will also develop a proposal for an empirical research project.

## Student Learning Goals and Objectives

1. Development of knowledge of key institutions fostering sustainable development, key policy actors, policy process, and policy design;
2. Development of analytical thinking skills and engagement with theoretical arguments;
3. Improvement of integrative thinking, linking natural science with social sciences;
4. Improvement of oral and written communication skills;
5. Development and design of an empirical research project proposal.

## Class assignments and Grading

1. Six memos, addressing all readings assigned for the class session (700-900 words), each 10 points. Please post memos electronically using the Blackboard's "Digital Dropbox" by 5:00 PM the day prior to the class session for which the readings are assigned;
2. Empirical research project plan (a 5 minute oral presentation), 10 points. Please sign up to present your plans on one of the available dates using the Blackboard Discussion forum. You

can sign up for presentation on any of these days, conditional upon space availability at the time you sign up, by replying to my message in the Discussion Forum.

3. Empirical research project proposal, 40 points.
  - a. Definition of the research question/policy problem (1-2 pages)
  - b. Literature review (4-5 pages)
  - c. Variable conceptualization and operationalization (1-2 pages)
  - d. Proposed data sources/collection method (1-2 pages)
  - e. Proposed data analysis methodology (1-2 pages). Due on Dec. 9<sup>th</sup>, 5:00 PM. Please post your proposal via Blackboard "Digital Dropbox".

### **Required Readings**

Required journal articles, book chapters, and reports can be accessed via the electronic reserves at UW Libraries: <http://catalog.lib.washington.edu/search/r>

Readings for this course can be found by searching under my last name (Dolsak). To access the UW Libraries electronic reserve readings, you will need a UW NETID.

Most journal articles can also be electronically accessed through the journal page. Reports can be accessed directly at the homepages of organizations that have published them. Required readings are alphabetically listed at the end of the syllabus.

### **Online Course Communication and File Exchange**

I will use Blackboard site to post my announcements, share course documents with you, post grades, receive your assignments, and e-mail you. To be able to access the Blackboard site for this course (<http://bb.uwb.edu>), you will first have to enroll in this class on the UWB blackboard site. The guidelines on how to enroll in a Blackboard site are appended at the end of this syllabus. Please also read the note about Blackboard e-mails in the same Appendix. If you have any problems accessing Blackboard site, contact the UWB Help desk at [IT@uwb.edu](mailto:IT@uwb.edu) or at 425-352-3456.

To post your assignments, please use the Digital Dropbox function in the "Tools" section of the Blackboard. Make sure you that you use the "SEND" option when submitting a document to me. The option "ADD" only adds the document to your own Digital Dropbox where I cannot access it.

### **Late Assignment Policy**

I will not be accepting late assignments. This class builds on seminar discussions. Therefore, the readings have to be completed prior to coming to the class and memos have to be submitted as scheduled. However, there are more than 15 class sessions for which you can write a memo. As you have to write only 6 memos, this provides for sufficient flexibility should you have difficulties in submitting a memo for any given class.

Should you have a medical condition that prevents you from submitting the empirical research proposal on time, please e-mail me and attach a copy of a doctor's note. I will then be able to assign you an "Incomplete" grade that will be changed when you submit the proposal.

## Weekly Schedule

Class	Topic	Readings	Assignment Due
Th 9/30	The right to develop Theories of development	Sen (Introduction, Ch. 1) Hardin	
Tu 10/05		Gwartney et. al Granato et al.	
Th 10/07	Environment and Development - Resource needs - Environment as input - Environment as pollution sink - Sustainability	Smil Kuetting UNEP, Ch. 1	
Tu 10/12		York et al. Grossman and Krueger Lubin and Esty	
Th 10/14	Institutions - Property - Markets - Takings	Olson Ch. 1, 2, 10	
Tu 10/19		North Ch. 12, 13	Research Plan Presentation (please sign up)
Th 10/21	The commons	Ostrom (two chapters)	Research Plan Presentation (please sign up)
Tu 10/26		Acheson and Brewer	Research Plan Presentation (please sign up)
Th 10/28	Business and the Natural Environment	Porter and Linde Walley and Whitehead	Research Plan Presentation (please sign up)
Tu 11/02		Reynolds Iles	
Th 11/04	International Environmental Policy: Trade and the Natural Environment	de Soysa & Neumayer Cao and Prakash	
Tu 11/09		Barkin Neumayer	
Th 11/11	NO UW Classes; Veterans Day		
Tu 11/16	The U.S. Environmental Policy	Findley and Farber Kubasek Ch. 3 Grossman	
Th 11/18		Portney Mote et al. Burger et al.	
Tu 11/23	Environment as a commodity - Allocation and enforcement - ERC and cap-and-trade	Tietenberg Cole Dolšak	

Th 11/25	NO UW Classes; Thanksgiving		
Tu 11/30	Environment as a commodity - ITQs	Pinkerton and Edwards Bess Eythorsson	
Th 12/02	Information based regulation	Marshall and Brown Kolk Gulbrandsen	
Tu 12/07	Voluntary codes	Bartley Kollman and Prakash	
Th 12/09		Dashwood Fafaliou et al.	NO memos. Empirical Research Proposal Due on 12/09, 5:00 PM!

### Required Readings

Acheson, James M. and Jennifer F. Brewer. 2003. Changes in the Territorial System of the Maine Lobster Industry. In *The Commons in the New Millennium: Challenges and Adaptation*, Nives Dolšak and Elinor Ostrom, eds. Pp. 37-60.

Barkin, S. (2003). The Counterintuitive Relationship between Globalization and Climate Change. *Global Environmental Politics*, 3(3).

Bartley, (2003). Certifying Forests and Factories. *Politics & Society*, 31(3): 433-464.

Bess, Randall. 2005. Expanding New Zealand's quota management system. *Marine Policy*, 29(4):339-347.

Burger, Joanna, Thomas M. Leschine, Michael Greenberg, James R. Karr, Michael Gochfeld, and Charles W. Powers. 2003. Shifting Priorities at the Department of Energy's Bomb Factories: Protecting Human and Ecological Health. *Environmental Management*, 31(2):157-167.

Cao, Xun and Aseem Prakash. Policy Interdependence and Structural Equivalence: Does Trade Competition affect Domestic Pollution? *International Organization*, 2010, 64(3).

Cole, D. H. (2002). Chapter 3: Mixed Property/regulatory regimes for environmental protection. In *Pollution and Property: Comparing Ownership Institutions for Environmental Protection* (pp. 45-66.). Cambridge, MA: Cambridge University Press.

Cole, D. H. (2002). "Ch. 4: Institutional and technological limits of mixed property/regulatory regimes." In *Pollution and Property: Comparing Ownership Institutions for Environmental Protection*. (pp. 67-84) Cambridge, MA: Cambridge University Press.

Dashwood, H.S. 2007. Canadian Mining Companies and Corporate Social Responsibility. *Canadian Journal of Political Science*, 40(1): 129-156.

de Soysa, Indra and Eric Neumayer. 2005. False Prophet or Genuine Savior? Assessing the Effects of Economic Openness on Sustainable Development. *International Organization*. 59(3): 731-772.

Dolšak, Nives. 2007. "An Assessment of Tradable Permits for Common-Pool Resources." *Review of Policy Research*, 24 (6): 541-565.

Eythorsson, Einar. 2003. Stakeholders, Courts, and Communities: Individual Transferable Quotas in Icelandic Fisheries, 1991-2001. In Nives Dolšak and Elinor Ostrom, eds. *The Commons in the New Millennium: Challenges and Adaptations*, pp129-168.

Fafaliou, Irene, Maria Lekakou, and Ioannis Theotokas. 2006. Is the European shipping industry aware of corporate social responsibility? The case of the Greek-owned short sea shipping companies. *Marine Policy*, 30(4): 421-419.

Findley, R.W. and D. A. Farber. (2004). Judicial Review of Government Decisions. In *Environmental Law in a Nutshell*. (pp. 1-20) Sixth Edition. .

Findley, R.W. and D. A. Farber. (2004). Pollution Control. In *Environmental Law in a Nutshell*. (pp. 71-78). Sixth Edition.

Granato, Jim, Ronald Inglehart, David Leblang. 1996. The Effect of Cultural Values on Economic Development. *American Journal of Political Science*. 40(3): 607-631.

Grossman, 2006. Environmental advocacy in Washington: a comparison with other interest groups. *Environmental Politics*. 15(4)

Grossman and Kreuger. (1995). Economic Growth and the Environment. *Quarterly Journal of Economics*. 110:353-75.

Gulbrandsen, Lars H. 2006. Creating markets for eco-labelling: are consumers insignificant? *International Journal of Consumer Studies*, 30(5): 477-489,

Gwartney, J.D., R.G. Holcombe, and R. A. Lawson. 2004. "Economic Freedom, Institutional Quality, and Cross-Country Differences in Income and Growth." *Cato Journal*, Fall 2004.  
<http://www.cato.org/pubs/journal/cj24n3/cj24n3-2.pdf>

Hardin, G. (1968) Tragedy of the Commons. *Science*. 162(1968):1243-1248. Available at  
<http://dieoff.org/page95.htm>

Iles, 2004. Mapping environmental justice in technology flows: Computer waste impacts in Asia. *Global Environmental Politics*, 4(4).

- Kolk. (2003). Trends in sustainability reporting by the Fortune Global 250. *Business Strategy and the Environment* 12 (5).
- Kollman, Kelly and Aseem Prakash. 2003. Biopolitics in the US and the EU: A Race to the Bottom or Convergence to the Top? *International Studies Quarterly*, 2003, 47(4): 609-633.
- Kubasek, N. K. (2001). Chapter 3: Administrative Law and Its Impact on the Environment." In *Environmental Law*. (pp. 75-104) Fourth Edition. Upper Saddle River; Prentice Hall.
- Kuetting. (2003). Globalization, Poverty and the Environment in West Africa: Too Poor to Pollute? *Global Environmental Politics*, 3(4).
- Lubin, David and Dan Esty. 2010. The Sustainability Imperative - *Harvard Business Review*
- Marshall and Brown. 2003. "Corporate environmental reporting: what's in a metric?" *Business Strategy and the Environment*, 12(2).
- Mote, Philip, Edward A. Parson, Alan F. Hamlet, William S. Keaton, Dennis Letttenmaier, Nathan Mantua, Edward L. Miles, David W. Peterson, David L. Peterson, Richard Slaughter, and Amy K. Snover. 2009. Preparing for Climatic Change: the Water, Slamon, and Forests of the Pacific Northwest. *Climatic Change*, 61(1-2):45-88.
- Neumayer. 2004. The WTO and the Environment: Its Past Record is Better than Critics Believe, but the Future Outlook is Bleak, *Global Environmental Politics*, 4(4).
- North, D.C. (1990) Institutions, Institutional Change and Economic Performance. Chapters 12, 13.
- Olson M. (2000). Chapter 1. The Logic of Power. In *Power and Prosperity* (pp. 1-24). New York; Practice Books.
- Olson M. (2000). Chapter 2. Time, Takings and Individual Rights. In *Power and Prosperity* (pp. 25-43). New York; Practice Books.
- Olson M. (2000). Chapter 10. The Kinds of Markets Needed for Prosperity. In *Power and Prosperity* (pp. 173-199). New York; Practice Books.
- Ostrom, Elinor. 1990. An Institutional Approach to the Study of Self-Organization and Self-Governance in CPR Situations. In *Governing the Commons*. Cambridge University Press, pp. 29-57.
- Ostrom, Elinor. 1990. Analyzing Institutional Failures and Fragilities. In *Governing the Commons*. Cambridge University Press, pp. 143-181.
- Pinkerton, Evelyn and Danielle N. Edwards. 2009. The elephant in the room: The Hidden costs of leasing individual transferable fishing quotas. *Marine Policy*, 33 (4): 707-713.

Portney, Kent E. (2003). Cities That Take Sustainability Seriously? A Profile of Eight Cities. In *Taking Sustainable Cities Seriously* (pp. 177-220). Cambridge; MIT Press.

Reynolds, 2004. The Globalization of Organic Agro-Food Networks. *World Development*, 32(5).

Sen, Amartya. (1999). Introduction: Development as Freedom. In *Development as Freedom* (pp. 3-12). New York: Anchor Books.

Sen, Amartya. 1999. Chapter 1: The Perspective of Freedom. In *Development as Freedom* (pp. 13-34). New York: Anchor Books.

Smil, Vaclav. (2003). Energy Linkages. In *Energy at the Crossroads: Global Perspectives and Uncertainties*. (pp. 63-120) Cambridge, MA: The MIT Press.

Tietenberg, Tom. (2001). The Tradable Permits Approach to Protecting the Commons: What Have We Learned? In Elinor Ostrom et al. (Eds) *The Drama of the Commons* (pp. 197-232). Washington DC: National Academy Press.

UNEP. 2007. "Environment for Development: 1972-2002." In *Global Environmental Outlook*. United Nations Environmental Program. Pp. 1-36.

[http://www.unep.org/geo/geo4/report/01\\_Environment\\_for\\_Development.pdf](http://www.unep.org/geo/geo4/report/01_Environment_for_Development.pdf)

Walley, Noah and Bradley Whitehead. 1994. It's not easy being green. *Harvard Business Review*.

York, Richard, Eugene Rosa, and Thomas Dietz. 2003. Footprints on the Earth: The Environmental Consequences of Modernity. *American Sociological Review*. 68 (2): 279-300.

# Blackboard Course Sites: Enrolling and Receiving e-mail

## Instructions for students who have not used Blackboard before and are enrolling as a new Blackboard user:

(Note: enrolling in a Blackboard course is a completely separate activity from student registration or the MyUW account)

1. Go to Blackboard at <http://bb.uwb.edu>.
2. Click on the **Create Account** button
3. Fill in only the information with the red asterisk. We recommend that your user ID be the same as your UW NetID. Click on the **Submit** button at the bottom of the page and then click on **OK**.
4. Click on the **Courses** tab. To find your course, type the course title (Development and the Environment) in the **Course Search** box. Scroll down the page to get to the title of your course.
5. Click on the **Enroll** button on the right side of your course. Click on the **Submit** button at the bottom of the screen and then on **OK**.

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## Instructions for students who have used Blackboard before and already have an account:

1. Go to Blackboard at <http://bb.uwb.edu>
2. Click on the **Login** button and put in the same login and password you had previously. If you don't remember your password, you can click on the **Forgot your password?** link to have your password emailed to you.
3. Click on the **Courses** Tab. To find your course, type the course ID in the **Course Search** box. Scroll down the page to get to the title of your course.
4. Click on the **Enroll** button on the right side of your course. Click on the **Submit** button at the bottom of the screen and then on **OK**.

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Macintosh users - Blackboard 6 Note: Those using an Apple computer with OS 9 or older will not have access to the Virtual Classroom (chat), though the text-only chat called Lightweight chat is available for your use. To use the lightweight chat feature, you will need to download the patch at <http://docs.info.apple.com/article.html?artnum=120209>. Macintosh computers using OS 10.2 can use the Virtual Classroom.

PC users - Blackboard 6 Note: A java patch will be automatically installed the first time you access the Virtual Classroom.

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## E-mails from Blackboard:

Email systems (i.e. Hotmail, Yahoo, Comcast, etc.) may label Blackboard mail as junk, and send it to your junk or bulk mail folders. If this happens, you WILL HAVE TO designate that emails sent through Blackboard not go into your junk folders. For instance in Yahoo, if you find an email an instructor in the Bulk folder, you need to open the email and press the "Not Spam" button, and future emails will go into the regular inbox.

The best way for you to be sure you are getting all of your Blackboard email is to avoid forwarding your u.washington.edu mail. If you have difficulties with the above email issues, please contact the IT help desk at [IT@uwb.edu](mailto:IT@uwb.edu) or 425-352-3456.