

Spring Semester 2011

FW/MC 450 (Section 001)

International Environmental Law and Policy

Monday/Wednesday 10:20-11:40am, 336 North Case Hall

Professor: Mark Axelrod (email: axelrod3@msu.edu or phone: 517-353-8607)

Office Hours (362 North Case Hall): Tuesdays 10:30am–noon and Mondays 1:30-3:00pm

I have set aside these times for student meetings, and it is helpful for me if you can meet during those hours. However, I understand that these slots will not fit everyone's schedule. If these times do not work for you, please email to arrange a different time.

Introduction

Environmental regulation has expanded from a domestic phenomenon to one that has both global participants and global impacts. In this course, you will get a survey of environmental issues in international law and policy. In addition to discussing the current state of international environmental law, we will also spend time addressing how that state of affairs came to be, what stakeholders are involved, and what other policy options exist for handling these concerns. The last part of the semester will address international law in other fields that impact the environment, as well as a few issues on which international cooperation has not yet emerged.

Learning Objectives

By the end of this course, you will be able to:

- Locate, read, and analyze legal documents, particularly international treaties
- Recognize situations in which international law may be useful as a resource manager or environmental lawyer
- Understand how to comply with relevant provisions of international law as a resource manager or industry representative
- Understand the process by which international environmental law is negotiated
- Be aware of relevant stakeholders, their preferences, and the path by which they (or you) can influence international law
- Identify the relevant scientific basis on which new policy should be based

Course Meetings

We will meet twice every week. Class will focus on discussion of the readings for that week, and their application to current and historical events. It is essential that all class members contribute to the conversation so that we can learn from different points of view. You are expected to prepare, attend, and participate every time we meet. **Please contact me in advance if you are unable to be there.**

We will have animated discussions about many controversial topics. You should be prepared to support your position with evidence, and are encouraged to disagree with me and with each other, but **you must be respectful of each other's views.**

Finally, although laptops may be useful for note-taking and information gathering, they can also provide a major distraction to you and others sitting around you. Recent research shows that "multitasking" significantly reduces your ability to process information (see "Digital Devices Deprive Brain of Needed Downtime," <http://www.nytimes.com/2010/08/25/technology/25brain.html>).

You may use laptops and other electronic devices during class for class-related purposes only. Please do so in a way that is respectful of the shared learning environment.

[Grading details follow on the next page.]

Grading and Assignments

Summary of Assignments:

Assignment	Due Date	Percentage of Overall Grade
Attendance and Quality Participation	Every class period	15%
Reading Response Paper (#1)	24 hours before class	4%
Reading Response Paper (#2)	24 hours before class	4%
Treaty Paper	1 week before treaty is discussed	8%
Online Treaty Survey	1 week before treaty is discussed	5%
Paper Proposal	February 9	4%
Midterm Exam	February 25, by noon	20%
Research Paper First Draft and Table	April 6	5%
Research Paper Final Draft	April 25	15%
Final Exam	May 4, 10:00am	20%

All written assignments – except reading reactions and treaty survey – must be submitted as a paper copy. You are strongly encouraged to discuss all projects with Professor Axelrod during office hours.

For all assignments, late papers (unless accompanied by doctor's note or other verified excuse) will receive a reduction of one letter grade for every two days after the deadline (i.e., 1 minute to 48 hours late reduces grade by 1.0; 48-96 hours late reduces grade by 2.0). If you have some extenuating circumstance that requires an extension for the final paper, you must request such an extension at least 72 hours prior to the deadline.

PLEASE NOTE THAT THIS COURSE WILL BE CONDUCTED IN LINE WITH MADISON COLLEGE POLICIES ON ACADEMIC DISHONESTY. Among other requirements, that means that you must cite the source of any and all facts or ideas in your written assignments. Please also remember that the internet is a powerful source of information. While it may ease your research efforts, it can also help to identify your use of other people's work.

IF IN DOUBT, I WILL BE HAPPY TO DISCUSS THE PROPER COURSE OF ACTION.

Assignment Details:

1. Attendance, preparation, small group activities, and quality class participation (**15% of your overall semester grade**) [This grade may include up to three quizzes on assigned readings and current events.] Quality participation involves comments and questions that advance our collective understanding of concepts discussed in this course. You will also be responsible for providing information about one country's role on a regular basis.
2. 2 reactions to class readings, to be posted on Angel **at least 24 hours in advance of class** (**4% each – 8% total – of final grade**). I will pass around a sign-up sheet during the first week of class. These reactions should be 2-4 pages, and they should cover the group of readings as a whole, with reference to individual pieces as well. Make sure that you are addressing the readings from a somewhat critical angle, *not merely a summary*. Some *possible* approaches to consider: 1) the current state of research in the area, and whether there are other questions it should consider, 2) whether (and why or why not) the theories/ hypotheses in the readings make sense, 3) whether the research findings actually achieve what they claim to accomplish (and how could they be better). Your reaction paper should serve as a lead-in to our class discussion, so *you should also include a few discussion questions for your classmates* to ponder. Reaction papers will be graded on a

scale of: check (no impact on overall course grade), check-plus (exceptional circumstances only; 4.0), check-minus (2.0), zero (0.0). Zero will only be given if you fail to *complete* the assignment *on time*.

3. Short paper and web assignment on the negotiation and implementation of one international environmental treaty, **due one week before that treaty is discussed in class (13% of the final grade – 8% for the short paper and 5% for the online survey)** [Please see additional details on page 14.]
4. Research Proposal and Paper – For the research paper, you will select one country and compare its role across the issue areas we address in class. **Your proposal is due at the beginning of class February 9, first draft is due at the beginning of class April 6, and the final draft is due at the beginning of class April 25 (24% of the final grade – 4% for proposal; 5% for first draft and table; 15% for final paper)** [Please see additional details on page 15.]
5. Take Home Midterm Exam, covering all material through February 21 – distributed at the end of class February 23, **due by noon February 25 (20% of the final grade – 2 essay questions, evenly weighted)**
6. Final Exam, covering the entire semester – **Wednesday, May 4, 10:00am-noon (20% of the final grade - 4 identifications each worth 10% of the exam grade, and 1 essay question worth 60% of the exam grade)**

Honors Option(s): Interested students may participate in an honors option related to change over time in international environmental law. We will read Oran Young's new book, Institutional Dynamics: Emergent Patterns in International Environmental Governance (2010), in which he addresses the life cycles of various environmental regimes. It is available at local bookstores or online. As per MSU rules, you must maintain at least a 3.5 grade in the course to be eligible for honors credit. To receive H-credit, you will participate in all group meetings and write a 3-5 page addendum to your treaty assignment regarding the type of change most evident in your particular treaty. Please contact Professor Axelrod by January 21 if you would like to participate.

Course Readings

Please note that you should not accept all course readings at face value. I have not chosen them because I agree with everything written, nor do I expect that you agree with their conclusions. You should know the authors' arguments, but you are expected to read critically. I think these materials represent good entry points into the topics that we will study, and they generally do a good job of identifying the interesting issues on those topics. However, ***you should approach readings (and class lectures) with a healthy degree of skepticism.*** That will help you gain a better understanding of the subject and will make you a better student as well.

You will be best served by reading all assigned materials *before* the session noted in this syllabus. As with all Madison College courses, I realize that there is a significant amount of reading assigned. This load is necessary to grasp broad theories of international environmental policy, while also applying them to real life situations. Class discussion will center around the assigned reading materials. As a result, you will need to be familiar with these events and ideas before coming to class, and you are also strongly encouraged to bring all materials with you for reference.

International Environmental Law and Policy Syllabus (Spring 2011)

1) The following textbooks have been ordered by local student bookstores:

- Axelrod, Regina S. [not related to your professor], David L. Downie, and Norman J. Vig, eds. 2011. *The global environment: institutions, law, and policy*, 3rd edition. Washington: CQ Press. (subsequently noted as “Axelrod et al.”)
- Benedick, Richard Elliot. 1998. *Ozone diplomacy: new directions in safeguarding the planet*. Cambridge, MA: Harvard University Press.
- Chasek, Pamela S., David L. Downie, and Janet Welsh Brown. 2010. *Global environmental politics*, 5th edition. Boulder, CO: Westview Press. (subsequently “Chasek et al.”)
- Brown Weiss, Edith, and Harold K. Jacobson, eds. 1998. *Engaging countries: strengthening compliance with international environmental accords*. Cambridge, MA: MIT Press (also on reserve in the Madison College library and the Business Library).

[NOTE: The Axelrod et al. and Brown Weiss/Jacobson books are available online as well. As the online version can be finicky, you might consider purchasing both. However, only a small portion of each book is required reading.]

2) As you will note, many of the readings are drawn from other books, journals, magazines, or newspapers. These readings are equally, if not more, important for our class discussions. The Angel version of this syllabus contains hyperlinks to all *news* articles. Unless otherwise noted, *journal articles* are available online through the MSU library web page. Other *book chapters and readings* will be available on reserve, unless they are also available online or as e-books through the MSU library website. In addition to assigned texts, we will frequently use *maps* to learn more about global distribution of resources and environmental degradation. You should make yourself comfortable with the Worldmapper website, available at:

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

3) For a different policy perspective from a developing country point of view, you may want to consult chapters on some of the class topics in the following books. Some chapters are assigned, but I recommend these books more generally as well. The library copies are on reserve:

Agarwal, Anil, Sunita Narain, and Anju Sharma. 1999. *Global Environmental Negotiations 1: Green Politics*, Centre for Science and Environment, New Delhi.

Agarwal, Anil, Sunita Narain, Anju Sharma, and Achila Imchen. 2003. *Global Environmental Negotiations 2: Poles Apart*, Centre for Science and Environment, New Delhi.

4) In addition, you will benefit greatly by keeping track of news/current events. This material will be the empirical basis for our classroom discussions and may appear in test questions after being discussed in class. To follow ongoing negotiations, you may want to consult the *Earth Negotiations Bulletin* (<http://www.iisd.ca/voltoc.html>), which produces and archives daily reports from all major multilateral environmental negotiations. For international environmental issues more generally, the *New York Times* (available free online and down the hall!) and *Financial Times* tend to provide the most comprehensive coverage, but please feel free to get your information from other reputable news sources as well.

5) Finally, I will of course also be happy to recommend supplementary readings on topics that interest you, or on which you are writing the course paper.

Schedule and Readings

Part 1: Where does environmental policy come from and what are the overarching goals?

January 10 - Introduction

*Briscoe, John, "Troubled Waters: Can a Bridge Be Built over the Indus?" December 11, 2010 *Economic and Political Weekly* [Angel]

Chasek et al., Chapter 1 (pages 1-19 and 30-51)

Hardin, Garrett. 1968. The tragedy of the commons. *Science* 162 (3859):1243-1248. (available through MSU Library website "E-resources", or with a quick Google search)

January 12 – Who Participates?

- Who is interested in influencing Global Environmental Politics?
- Who has the opportunity to influence negotiations?

Chasek et al., chapter 2

Recommended:

Bernhagen, Patrick. 2008. "Business and International Environmental Agreements: Domestic Sources of Participation and Compliance by Advanced Industrialized Democracies." *Global Environmental Politics* 8 (1):78-110.

Keck, Margaret E., and Kathryn Sikkink. 1998. *Activists beyond borders: advocacy networks in international politics*. Ithaca: Cornell University Press.

January 17 – No Class, MLK Day

January 19 - Environmental Policy Inputs

Princen, Thomas. 2003. "Principles for Sustainability: From Cooperation and Efficiency to Sufficiency." *Global Environmental Politics* 3 (1):33-50. (MSU Library website "E-resources")

Lynn White, Jr., "Historical Roots of Our Ecological Crisis," *Science* 155(3767):1203-1207 (1967) (available through MSU Library website "E-resources")

David W. Cash, William C. Clark, Frank Alcock, Nancy M. Dickson, Noelle Eckley, David H. Guston, Jill Jäger, and Ronald B. Mitchell, "Knowledge Systems for Sustainable Development," *Proceedings of the National Academy of Sciences of the United States of America*, 100(14): 8086-8091 (2003) (available through MSU Library website "E-resources")

Neil MacFarquhar, "Review Finds Flaws in U.N. Climate Panel Structure," August 30, 2010 *New York Times* (<http://www.nytimes.com/2010/08/31/world/31nations.html>)

Recommended:

Olson, Mancur. 1965. *The logic of collective action: public goods and the theory of groups*. Cambridge, MA: Harvard University Press, especially chapters 1 and 2.

Ostrom, Elinor. 1990. *Governing the commons: the evolution of institutions for collective action*. Cambridge, England: Cambridge University Press, especially chapters 1 and 2.

Axelrod et al., chapter 15: Stacy D. VanDeveer, "Consumption, Commodity Chains, and the Global Environment"

January 24 - Scientific and Ethical Approaches to Global Environmental Politics

- What is the scientific basis for enacting international environmental law?
- Who decides what science is relevant?
- How do science and ethics enter into international environmental policy? Which one is, or should be, more dominant?

Benedick, chapters 2 and 9, and pages 224-228.

Okereke, Chukwumerije. 2008. "Equity Norms in Global Environmental Governance." *Global Environmental Politics* 8 (3):25-50 (available through MSU Library website "E-resources")

Recommended:

Jasanoff, Sheila. 1996. Skinning Scientific Cats. In *Green planet blues*, edited by K. Conca, M. Alberty and G. Dabelko. Boulder: Westview.

Haas, Peter M. 1989. "Do regimes matter? epistemic communities and Mediterranean pollution control." *International Organization* 43 (3):377-403.

January 26 - Environment and Economic Development

Benedick, Chapters 12 and 16.

Chasek et al., pages 319-342

Recommended:

Axelrod et al., chapter 12: Adil Najam, "The View from the South: Developing Countries in Global Environmental Politics."

DeSombre, Elizabeth, and Joanne Kauffman. 1996. The Montreal Protocol Multilateral Fund: Partial Success Story. In *Institutions for environmental aid: pitfalls and promise*, edited by R. O. Keohane and M. A. Levy. Cambridge, MA: MIT Press.

Dwivedi, O. P., and Jordi Díez. 2008. *Global environmental challenges : perspectives from the South*. Peterborough, Ont.: Broadview Press.

Part 2: International Law and the Environment

January 31 – Global Common Pool Resources

- Why must some issues be handled at the international level rather than within states?
- What are the barriers to international cooperation, and how are they overcome?

Mitchell, Ronald B. 1999. "International Environmental Common Pool Resources: More Common than Domestic but More Difficult to Manage," in *Anarchy and the Environment: The International Relations of Common Pool Resources*, ed. J. S. Barkin and G. Shambaugh. Albany, NY: SUNY Press. [available as an E-book through MSU Library website]

February 2 - International Cooperation and the sources of International Law

- What makes international law different from domestic law?
- What is "international law", and how can it affect environmental behavior?
- What is the difference between treaty law and customary international law? Why is the distinction important?

Chasek et al., remainder of chapter 1 (pp. 19-30)

Axelrod et al., chapter 3: Jacqueline Peel, "Environmental Protection in the Twenty-first Century: The Role of International Law."

Recommended:

Litfin, Karen T. 1997. Sovereignty in world ecopolitics. *Mershon International Studies Review* 41 (4):167-204.

Axelrod et al., chapter 4: David Leonard Downie, "Global Environmental Policy: Governance through Regimes."

Keohane, Robert O. 1982. The demand for international regimes. *International Organization* 36 (2):325-355.

Mearsheimer, John. 1995. The false promise of international institutions. *International Security* 19 (3):5-49.

Keohane, Robert O., and Lisa L. Martin. 1995. The promise of institutionalist theory. *International Security* 20 (1):39.

February 7 – Environmental Negotiations

- What is the process for establishing a new regime?

Benedick, Preface to the First Edition (pages ix-xii), Chronology (pages 335-340), Chapters 4 and 6 (pages 40-50 and 68-76)

Ian Johnson, "China Sets Tough Line in Climate Talks," November 24, 2010 *New York Times*

(<http://www.nytimes.com/2010/11/24/world/asia/24china.html>)

"Copenhagen Highlights: Wednesday, 16 December 2009," *Earth Negotiations Bulletin* 12(457) (see "In the Corridors", page 3) (<http://www.iisd.ca/download/pdf/enb12457e.pdf>)

"CBD COP 10 Highlights: Thursday, 28 October 2010," *Earth Negotiations Bulletin* 9(543) (see especially "In the Corridors", page 4) (<http://www.iisd.ca/download/pdf/enb09543e.pdf>)

"Cancun Highlights: Thursday, 9 December 2010," *Earth Negotiations Bulletin* 12(497) (see "In the Corridors", page 3) (<http://www.iisd.ca/download/pdf/enb12497e.pdf>)

Recommended:

Radoslav S. Dimitrov. 2010. "Inside Copenhagen: The state of climate governance," *Global Environmental Politics* 10(2): 18-24

February 9 – Effectiveness of International Environmental Law

[PAPER PROPOSAL DUE AT THE BEGINNING OF CLASS]

- How can we measure the effectiveness of international environmental law?
- Why are environmental regimes sometimes, but not always, effective?

Chasek et al., chapter 4 (pages 271-289)

Mitchell, Ronald B. 1994. Regime design matters: intentional oil pollution and treaty compliance.

International Organization 48 (3):425-458.

Also, look over Professor Mitchell's database of International Environmental Agreements:

<http://www.uoregon.edu/~rmitchel/IEA/>

Recommended:

Daniel Bodansky, "The Legitimacy of International Governance: A Coming Challenge for International Environmental Law?," *The American Journal of International Law*, 93(3): 596-624 (1999).

Mitchell, Ronald B. 2002. A quantitative approach to evaluating international environmental regimes. *Global Environmental Politics* 2 (4):58-83.

Mitchell, Ronald B., and Thomas Bernauer. 1998. Empirical research on international environmental policy: designing qualitative case studies. *Journal of Environment and Development* 7 (1):4-31.

February 14 - Compliance with International Environmental Law

- How is international law implemented?
- Which parties comply, and under what conditions?

Chasek et al., chapter 4 (pages 290-318)

Benedick, chapter 17 (chapter 18 is also recommended but not required)

Highly Recommended:

Brown Weiss and Jacobson, chapter 3: Chayes, Abram, Antonia Handler Chayes, and Ronald B. Mitchell, "Managing compliance: a comparative perspective."

Downs, George W., David M. Roake, and Peter N. Barsoom. 1996. Is the good news about compliance good news about cooperation? *International Organization* 50 (3):379-406.

February 16&21 - Domestic Politics and International Environmental Law

Please come prepared both days to discuss ratification and implementation processes, as well as your hypotheses, for the country about which you will write the research paper.

- What is the process for ratifying and implementing international law in different countries?
- How does it vary across issue areas?
- Who is involved at the negotiation and implementation phases?

Benedick, chapter 5

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):427-56. (available through MSU Library "E-Resources")

Dalton, Robert E. 1999. National Treaty Law and Practice: United States. In *National treaty law and practice : Austria, Chile, Colombia, Japan, The Netherlands, United States*, edited by M. Leigh, M. R. Blakeslee, L. B. Ederington and American Society of International Law. Washington, D.C.: American Society of International Law (SKIM ONLY PAGES 1-10) <http://www.asil.org/dalton.pdf>

Thakore, Dr. K. 1995. "National Treaty Law and Practice: India." In *National Treaty Law and Practice: France, Germany, India, Switzerland, Thailand, United Kingdom*, ed. M. Leigh and M. R. Blakeslee. Washington, D.C.: American Society of International Law. (SKIM pages 79-91, 96-98) [on reserve]

Greg Kahn. 2003. "The Fate of the Kyoto Protocol under the Bush Administration," 21 *Berkeley Journal of International Law* 548 (excerpts posted on Angel)

"US Cap-and-Trade Plans Put on Ice," July 28, 2010 *Bridges Weekly Trade News Digest* 14(28) (<http://ictsd.org/i/news/bridgesweekly/81833/>)

Recommended:

Axelrod et al., ch. 10: Elizabeth R. DeSombre, "Understanding Sources of U.S. International Environmental Policy."

Brown Weiss, Edith, and Harold K. Jacobson, eds. 1998. *Engaging countries: strengthening compliance with international environmental accords*. Cambridge, MA: MIT Press.

Part 3: Exploring Regimes Across Issue Areas

For the next 5 weeks, we will focus on a different substantive issue every session. For each day, you should keep in mind the following questions while reading. If you are writing a discussion paper for the week, it should respond to them as well. Not all subject areas will fit precisely into this framework, but you can use these questions as a general guideline.

- What is the nature of the environmental problem? What type of common property resource is involved?
- What stakeholders are involved? What are their preferences? And what are their capabilities for achieving those preferences?
- What international law exists in this issue area? Why is it configured as it is?
- Do countries comply with the law? Has it been effective at all three levels we discussed (institutional design, behavior change, and enhanced environmental quality)?
- In what situation(s) could these provisions be useful to you as a resource manager, policy maker, or activist?
- From a science/policy viewpoint, how would you change the current regulations? Is that politically feasible? Why or why not?

February 23 – Rivers and Transboundary Externality Problems

[Midterm distributed at the end of class]

Chasek et al., pages 117-121

Revisit: Briscoe, John, "Troubled Waters: Can a Bridge Be Built over the Indus?" December 11, 2010
Economic and Political Weekly [Angel]

Lydia Polgreen and Sabrina Tavernise, "Water Dispute Increases India-Pakistan Tension," July 21, 2010
New York Times (<http://www.nytimes.com/2010/07/21/world/asia/21kashmir.html>)

Bernauer, Thomas, and Peter Moser. 1996. "Reducing pollution of the Rhine River: the influence of international cooperation." *Journal of Environment and Development* 5 (4):391-417 (available through MSU Library website "E-resources")

SKIM through International Court of Justice (ICJ) decision on Gabčíkovo-Nagymaros Dam, available online at: <http://www.icj-cij.org/docket/files/92/7375.pdf> [French & English]

Recommended:

Stephen Deets. 2009. "Constituting Interests and Identities in a Two-Level Game: Understanding the Gabčíkovo-Nagymaros Dam Conflict." *Foreign Policy Analysis* 5 (1):37-56.

Conca, Ken. 2006. "Swimming Upstream: In Search of a Global Regime for International Rivers (with Fengshi Wu and Joanne Neukirchen)." Chapter 4 in *Governing water : contentious transnational politics and global institution building, Global environmental accords*. Cambridge, Mass.: MIT Press.

February 25 – Midterm due, via Angel dropbox, at Noon

February 28 - Oceans and the Great Lakes

Prepare for careful discussion of: THE MOX PLANT CASE (IRELAND v. UNITED KINGDOM):

INTERNATIONAL TRIBUNAL FOR THE LAW OF THE SEA (2001), Judgment available at:
http://www.itlos.org/case_documents/2001/document_en_197.pdf Also read ITLOS Press

Release: http://www.itlos.org/news/press_release/2001/press_release_62_en.pdf

International Joint Commission. *The International Joint Commission - What It Is, How It Works*.

Available at: http://www.ijc.org/en/background/ijc_cmi_nature.htm.

Recommended:

Mitchell, Ronald B., and Patricia Keilbach. 2001. Reciprocity, coercion, or exchange: symmetry, asymmetry and power in institutional design. *International Organization* 55 (4):891-917.

Sebenius, James K. 1983. Negotiation arithmetic: adding and subtracting issues and parties. *International Organization* 37 (2):281-316.

Koonce, Joseph F. 2006. Changing Ecology of the Great Lakes. In *Expert Consultation on Emerging Issues of the Great Lakes in the 21st Century: REPORT OF THE GREAT LAKES SCIENCE ADVISORY BOARD TO THE INTERNATIONAL JOINT COMMISSION*, edited by P. C. Boyer, A. Jones and D. L. Swackhamer, available at <http://www.ijc.org/php/publications/pdf/ID1598.pdf>

March 2 - Marine Mammals and fisheries [will spill over into the next section on wildlife]

Chasek et al., pages 203-214 and 235-245

Pauly, Daniel, Villy Christensen, Sylvie Guenette, Tony J. Pitcher, U. Rashid Sumaila, Carl J. Walters, R. Watson, and Dirk Zeller. 2002. Towards sustainability in world fisheries. *Nature* 418 (6898):689-695. (available through MSU Library website "E-resources")

Simon Akam, "Sierra ends flag of convenience for fishing vessels," October 28, 2010 *Reuters* (<http://www.reuters.com/article/idUSTRE69R4MW20101028>)

Articles for the Bluefin Tuna case study:

- Martin Fackler, "Tuna Town in Japan Sees Falloff of Its Fish," September 20, 2009 *New York Times* (<http://www.nytimes.com/2009/09/20/world/asia/20tuna.html>)
- C.J. Hughes, "Greenpeace Takes On Nobu," May 30, 2009 *New York Times Diner's Journal Blog* (<http://dinersjournal.blogs.nytimes.com/2009/05/30/greenpeace-takes-on-nobu/>)
- "EU fails to agree ban on bluefin tuna fishing," September 22, 2009 *The Guardian* (<http://www.guardian.co.uk/environment/2009/sep/22/eu-ban-fails-bluefin-tuna>)
- Justin McCurry, "How Japanese sushi offensive sank move to protect sharks and bluefin tuna," March 26, 2010 *The Guardian* (<http://www.guardian.co.uk/environment/2010/mar/26/endangered-bluefin-tuna-sharks-oceans>)
- "Bluefin tuna still largely unprotected as conservation conference ends," November 29, 2010 *The Guardian* (<http://www.guardian.co.uk/environment/2010/nov/29/iccat-conservation-conference-fishing-quotas>)
- Justin McCurry, "Bluefin tuna fetches record £254,000 at Tokyo auction," January 5, 2011 *The Guardian* (<http://www.guardian.co.uk/environment/2011/jan/05/bluefin-tuna-record-price-tokyo>)

Recommended:

Havice, Elizabeth, and Liam Campling. 2010. "Shifting Tides in the Western and Central Pacific Ocean Tuna Fishery: The Political Economy of Regulation and Industry Responses." *Global Environmental Politics* 10 (1):89-114. (available through MSU Library website "E-resources")

DeSombre, Elizabeth R. 2000. *Domestic sources of international environmental policy: industry, environmentalists, and U.S. power*. Cambridge, MA: MIT Press, ch.5. [available as e-book through MSU library website]

Taylor, William W., Michael G. Schechter, and Lois G. Wolfson, eds. 2007. *Globalization: Effects on Fisheries Resources*. Cambridge University Press.

Pauly, Daniel, Jackie Alder, Elena Bennett, Villy Christensen, Peter Tyedmers, and Reg Watson. 2003. The Future for Fisheries. *Science* 302 (5649):1359-1361.

March 7 and 9 – no class, Spring Break

March 14 - Species Conservation (bring treaty texts to class)

Chasek et al., pages 215-226.

SKIM The IUCN Species Survival Commission. 2004. 2004 IUCN Red List of Threatened Species™: A Global Species Assessment. Cambridge: IUCN/SSC, ch. 2&3 (pp. 5-50), (http://www.iucn.org/themes/ssc/publications/red_list/Red_List_2004_book.pdf)

Bonn Convention on Migratory Species. 1979. Convention on the Conservation of Migratory Species of Wild Animals, available at http://www.cms.int/pdf/convtxt/cms_convtxt_english.pdf

Prepare to Discuss in detail: CITES. 1973. Convention on International Trade in Endangered Species of Wild Fauna and Flora. (text and appendices) (<http://www.cites.org/eng/disc/text.shtml>)

Recommended:

DeSombre, Elizabeth R. 2000. *Domestic sources of international environmental policy: industry, environmentalists, and U.S. power*. Cambridge, MA: MIT Press, ch.3. [available as e-book through the MSU library website]

Gehring, Thomas, and Eva Ruffing. 2008. "When Arguments Prevail Over Power: The CITES Procedure for the Listing of Endangered Species." *Global Environmental Politics* 8 (2):123-48.

Curlier, Maaria, and Steinar Andresen. 2002. International trade in Endangered Species: The CITES Regime. In *Environmental regime effectiveness: confronting theory with evidence*, edited by E. L. Miles, A. Underdal, S. Andresen, J. Wettestad, J. B. Skjærseth and E. M. Carlin. Cambridge, MA: MIT Press.

Friedman, Thomas L. 2007. In the Age of Noah. *New York Times*, December 23, available at <http://www.nytimes.com/2007/12/23/opinion/23friedman.html>

March 16 –Class cancelled for meeting of International Studies Association (Replaced by film during the week of March 21)

March 21 - Forests and other Habitats

Chasek et al., pages 245-264.

“With Compromise Deal, EU Moves Toward Illegal Timber Ban,” June 23, 2010 *Bridges Weekly Trade News Digest* 14(23) (<http://ictsd.org/i/news/bridgesweekly/78810/>)

Ian James, “Scientists aim to map and save endangered habitats,” December 31, 2010 *Associated Press* (http://hosted.ap.org/dynamic/stories/L/LT_THREATENED_ECOSYSTEMS) (link may change)

The Ramsar Convention on Wetlands of International Importance especially as Waterfowl Habitat. 1971, available at: http://www.ramsar.org/key_conv_e.htm

Recommended:

Ross, Michael. 1996. "Conditionality and Logging Reform in the Tropics." In *Institutions for environmental aid: pitfalls and promise*, ed. R. O. Keohane and M. A. Levy. Cambridge, MA: MIT Press.

Ramsar Convention Bureau. *The Criteria for Identifying Wetlands of International Importance* 2006 (http://www.ramsar.org/key_criteria.htm)

Agarwal, Anil, Sunita Narain, and Anju Sharma, eds. 1999. *Global Environmental Negotiations: Green Politics*. Vol. 1. New Delhi: Centre for Science and Environment, chapter 5, pp. 221-248

March 23 - Biodiversity (bring treaty text to class)

Chasek et al., pages 226-235, 264-269

SKIM 1992 Convention on Biological Diversity (<http://www.cbd.int/convention/convention.shtml>)

“Factbox: World agrees how to share nature's riches,” October 29, 2010 *Reuters* (<http://www.reuters.com/article/idUSTRE69S4YP20101029>)

Winnie Bird, “At Japan biodiversity meeting, access to resources divides rich and poor,” October 21, 2010 *Christian Science Monitor* (<http://www.csmonitor.com/World/Asia-Pacific/2010/1021/At-Japan-biodiversity-meeting-access-to-resources-divides-rich-and-poor>)

SKIM Earth Negotiations Bulletin, “Summary of the Tenth Conference of the parties to the Convention on Biological Diversity: 18-29 October 2010” (focus on Access and Benefit Sharing report, pages 3-8) (<http://www.iisd.ca/download/pdf/enb09544e.pdf>)

Recommended:

Jakobeit, Cord. 1996. Nonstate actors leading the way: debt-for-nature swaps. In *Institutions for environmental aid: pitfalls and promise*, edited by R. O. Keohane and M. A. Levy. Cambridge, MA: MIT Press. [reserve]

Steinberg, Paul F. 2009. "Institutional Resilience Amid Political Change: The Case of Biodiversity Conservation." *Global Environmental Politics* 9 (3):61-81.

Agarwal, Anil, Sunita Narain, and Anju Sharma, eds. 1999. *Global Environmental Negotiations: Green Politics*. Vol. 1. New Delhi: Centre for Science and Environment, Chapter 2, pp. 123-160.

Agarwal, Anil, Sunita Narain, and Anju Sharma, eds. 1999. *Global Environmental Negotiations: Green Politics*. Vol. 1. New Delhi: Centre for Science and Environment, Chapter 3, pp. 161-186.

March 28 - Long Range Transboundary Air Pollution and Ozone (bring treaty texts to class)

Chasek et al., pages 121-129 and 163-178

Convention on Long-Range Transboundary Air Pollution, 1979 (<http://www.unece.org/env/lrtap/full%20text/1979.CLRTAP.e.pdf>)

Benedick, Appendices (Treaty Texts)

Secretariat for the Vienna Convention and Its Montreal Protocol – The Ozone Secretariat. 2007.

Implementation Committee under the Non-Compliance Procedure of the Montreal Protocol on Substances That Deplete the Ozone Layer: Primer for Members, available at

http://ozone.unep.org/Publications/ImpCom_Primer_for_parties.pdf (pages 4-6, 11-19, 24-29, 59-60 only)

Recommended:

Munton, Don, Marvin Soroos, Elena Nikitina, and Marc A. Levy. 1999. Acid rain in Europe and North America. In *The effectiveness of international environmental regimes: causal connections and behavioral mechanisms*, edited by O. R. Young. Cambridge, MA: MIT Press.

DeSombre, Elizabeth R. 2000. *Domestic sources of international environmental policy: industry, environmentalists, and U.S. power*. Cambridge, MA: MIT Press, ch.4. [available as an e-book through MSU library website]

Parson, Edward A. 2003. *Protecting the ozone layer: science and strategy*. Oxford: Oxford University Press.

March 30 - Climate Change

Chasek et al., pages 179-202.

Benedick, chapter 19

Martin Khor. 2010. "The Real Tragedy of Copenhagen," *Economic and Political Weekly* 45(1): 10-13 [Angel]

Arnab Pratim Dutta, Aditya Ghosh, and Chandra Bhushan, "Cancun clinches deal—for polluters," January 15, 2011 *Down to Earth* (<http://downtoearth.org.in/print/2781>)

Elisabeth Rosenthal, "Third-World Stove Soot Is Target in Climate Fight," April 15, 2009 *New York Times* (<http://www.nytimes.com/2009/04/16/science/earth/16degrees.html>)

Joseph Kahn and Mark Landler. China Grabs West's Smoke-Spewing Factories. *New York Times*, December 21, 2007, available at <http://www.nytimes.com/2007/12/21/world/asia/21transfer.html>

Summary of provisions related to withdrawal from international climate agreements (on Angel)

Treaty texts (not required reading):

UNFCCC Secretariat. 1992. United Nations Framework Convention on Climate Change. Bonn:

UNFCCC Secretariat, available at <http://unfccc.int/resource/docs/convkp/conveng.pdf>

UNFCCC Secretariat. 1997. Kyoto Protocol to the UN Framework Convention on Climate Change, available at <http://unfccc.int/resource/docs/convkp/kpeng.pdf>

We will also look at the emergence of Carbon emissions exchange markets in Chicago and Europe...see <http://www.chicagoclimatex.com/>

Recommended:

Joeri Rogelj et al. 2010. "Analysis of the Copenhagen Accord pledges and its global climatic impacts—a snapshot of dissonant ambitions," *Environmental Research Letters* 5(2010)

Radoslav S. Dimitrov. 2010. "Inside Copenhagen: The state of climate governance," *Global Environmental Politics* 10(2): 18-24

UN Framework Convention on Climate Change. 2007. Decision -/CP.13: Reducing emissions from deforestation in developing countries: approaches to stimulate action (http://unfccc.int/files/meetings/cop_13/application/pdf/cop_red.pdf).

Mark Axelrod. Forthcoming. "Climate Change and Global Fisheries Management: Linking Issues to Protect Ecosystems or Save Political Interests?" *Global Environmental Politics*

Martin Khor, "Complex Implications of the Cancun Climate Conference," December 25, 2010 *Economic and Political Weekly* 45(52).

Agarwal, Anil, and Sunita Narain. 1991. Global warming in an unequal world: a case of environmental colonialism. *Earth Island Journal*:39-40.

Shuter, Brian J. 2006. Changing Climate and Its Impact on the Great Lakes. In *Expert Consultation on Emerging Issues of the Great Lakes in the 21st Century: REPORT OF THE GREAT LAKES SCIENCE ADVISORY BOARD TO THE INTERNATIONAL JOINT COMMISSION*, edited by P. C. Boyer, A. Jones and D. L. Swackhamer., available at <http://www.ijc.org/php/publications/pdf/ID1598.pdf>

April 4 - Hazardous Waste, Chemicals and Global Environmental Justice

Guest Speaker: Dr. Carole Gibbs

Chasek, pages 129-161

Basel Convention on Transboundary Movement of Hazardous Waste

Rotterdam Convention on Prior Informed Consent

Armin Rosencranz and Sairam Bhat, "Requirements of Justice," November 13, 2010 *Economic and Political Weekly* 45(46) [Angel]

Gilbert Kreijger, "Dutch court fines Trafigura over Ivory Coast waste," July 23, 2010 *Reuters* (<http://uk.reuters.com/article/idUKTRE66M1SB20100723>)

[Professor Gibbs may add reading material as well]

Recommended:

Garcia-Johnson, Ronie. 2000. *Exporting environmentalism: U.S. multinational chemical corporations in Brazil and Mexico*. Cambridge, MA: MIT Press.

Axelrod et al., chapter 7: Henrik Selin, "Global Politics and Policy of Hazardous Chemicals."

Agarwal, Anil, Sunita Narain, Anju Sharma, and Achila Imchen, eds. 2001. *Global Environmental Negotiations: Poles Apart*. Vol. 2. New Delhi: Centre for Science and Environment, chapter 2, pp. 61-108.

Stockholm Convention on Persistent Organic Pollutants

April 6 - World Bank Inspection Panel and opposition to large dams

[FIRST DRAFT OF PAPERS AND TABLES DUE]

- Cullet, Philippe. 2001. "Human Rights and Displacement: the Indian Supreme Court Decision on Sardar Sarovar in International Perspective." *International and Comparative Law Quarterly* 50 (4):973-87. (available through MSU Library website "E-resources")
- New York Times series "Choking on Growth" on the Environment in China, especially "Part IV: 3 Gorges Dam" (all articles are available at: http://www.nytimes.com/interactive/2007/12/21/world/asia/choking_on_growth_9.html)
- SKIM World Bank Inspection Panel, "How to File a Request for Inspection" (www.worldbank.org/inspectionpanel Click "How to File a Request for Inspection" on the left)
- SKIM World Bank Inspection Panel. 1994. The Inspection Panel Report on Request for Inspection: Nepal: Proposed Arun III Hydroelectric Project and Restructuring of the Arun III Access Road Project (Credit 2029-NEP) (<http://siteresources.worldbank.org/EXTINSPECTIONPANEL/Resources/ArunIEligibilityReport.pdf>)
- Recommended:
- Khagram, Sanjeev. 2003. "Neither Temples nor Tombs: A Global Analysis of Large Dams." *Environment* 45 (4).
- Roy, Arundhati. 1999. *The greater common good*. available from <http://www.narmada.org/gcg/gcg.html>
- World Commission on Dams. *DAMS AND DEVELOPMENT: A New Framework for Decision-Making, THE REPORT OF THE WORLD COMMISSION ON DAMS: AN OVERVIEW* 2000. Available from http://www.dams.org/docs/overview/wcd_overview_booklet.pdf

Part 4: Connecting Environment with Other Issue Areas

April 11 - Environment and International Peace/Conflict

- Soroos, Marvin S. 1994. "Global change, environmental security, and the prisoners' dilemma." *Journal of Peace Research* 31 (3):317-32. (available through MSU Library "E-resources")
- Reuveny, Rafael, Andreea S Mihalache-O'Keef, and Quan Li. 2010. "The effect of warfare on the environment." *Journal of Peace Research* 47 (6):749-61.
- Kim Gamel, "US removing hazardous waste during Iraq withdrawal," June 14, 2010 *Seattle Times* (http://seattletimes.nwsources.com/html/nationworld/2012115113_apmliraqhazardouswaste.html)
- Lydia Polgreen, "Fishermen Scoop Up Sri Lanka's Peace Dividend," July 30, 2009 *New York Times* (<http://www.nytimes.com/2009/07/31/world/asia/31lanka.html>)

Recommended:

- Barkin/Shambaugh, ch. 7: Richard A. Matthew, "Scarcity and Security: A Common-Pool Resource Perspective."
- Swain, Ashok. 2002. Environmental Cooperation in South Asia. In *Environmental peacemaking*, edited by K. Conca and G. D. Dabelko. Washington, D.C.: Woodrow Wilson Center Press.

Evening of April 11 – Research Paper Presentations¹

April 13 - Trade in Environmental Goods and Services; Relationship between trade and environmental treaties

- Chasek et al., pages 342-364.
- World Trade Organization. 2004. *Trade and Environment at the WTO*, pages 22-48 (http://www.wto.org/english/tratop_e/envir_e/envir_wto2004_e.pdf)
- "Renewed Engagement in Environmental Goods Talks," May 2010 *Bridges* 14(2) (<http://ictsd.org/i/news/bridges/75413/>)
- Beatrice Chaytor, "Environmental provisions in Economic Partnership Agreements: Implications for developing countries," *Trade Negotiations Insights* 9(1), January 2010 (<http://ictsd.org/i/news/tni/68720/>)
- Recommended:
- Axelrod, Mark. Forthcoming. Savings Clauses and the "Chilling Effect": Regime Interplay as Constraints on International Governance/Law. In Oberthur, S., and O. Schram Stokke, eds., *Institutional Interplay and Global Environmental Change: State of the Art and Perspectives* [available on Angel]
- Stilwell, Matthew, and Elisabeth Tuerk. 1999. Trade Measures and Multilateral Environmental Agreements: Resolving Uncertainty and Removing the WTO Chill Factor. In *Working Paper*: WWF/CIEL.

¹ This evening symposium will be useful for learning about your classmates' countries and helping to frame the final draft of your own paper. Everyone is strongly encouraged to attend. However, because it will take place outside of the scheduled class time, I realize that some of you may be unavailable for this activity.

April 18 - Trade law, domestic environmental regulation, and precaution

Axelrod et al., chapter 8: Daniel C. Esty, "Economic Integration and Environmental Protection."

Summary of: 1998. UNITED STATES - IMPORT PROHIBITION OF CERTAIN SHRIMP AND SHRIMP PRODUCTS. WT/DS58/AB/R: World Trade Organization Appellate Body

(http://www.wto.org/english/tratop_e/dispu_e/cases_e/1pagesum_e/ds58sum_e.pdf)

[The full decision is available at http://www.wto.org/english/tratop_e/dispu_e/cases_e/ds58_e.htm (Click on "Appellate Body Report" then click on the "E" under "Original Format.")]

Reuters, "Despite Canadian Challenge, Europe Imposes a Ban on Seal Products," October 28, 2010 *New York Times* (<http://www.nytimes.com/2010/10/29/business/global/29seals.html>)

Sewell Chan, "U.S. Says China Fund Breaks Rules," December 23, 2010 *New York Times*

(<http://www.nytimes.com/2010/12/23/business/global/23trade.html>)

Wiener, Jonathan B. 2002. Precaution in a Multirisk World, in Paustenbach, ed., *Human and Ecological Risk Assessment: Theory and Practice*

(http://scholarship.law.duke.edu/faculty_scholarship/1113/ Click on "Download")

Divan, Shyam, and Armin Rosencranz. 2001. *Environmental law and policy in India : cases, materials, and statutes*. 2nd ed. New Delhi ; New York: Oxford University Press, excerpts from *Vellore Citizens Welfare Forum v. Union of India* (pp. 587-89) [Angel]

Recommended:

Porter, Gareth. 1999. Trade Competition and Pollution Standards: 'Race to the Bottom' or 'Stuck at the Bottom'?, *Journal of Environment and Development* 8 (2): 133-151 (available through MSU Library "E-resources")

Logsdon, Jeanne M., and Bryan W. Husted. 2000. "Mexico's environmental performance under NAFTA: the first 5 years." *Journal of Environment and Development* 9 (4):370-83.

Prakash, Aseem, and Matthew Potoski. 2006. "Racing to the Bottom?: Trade, Environmental Governance, and ISO 14001." *American Journal of Political Science* 50 (2).

April 20 – Class Cancelled for Passover holiday (to be replaced with an evening of research paper presentations, April 11)

Part 5: Conclusion

April 25 – Missing Agreements and World Environment Organization proposals

[FINAL PAPER IS DUE AT THE BEGINNING OF CLASS]

Dimitrov, R. S. 2003. Knowledge, Power, and Interests in Environmental Regime Formation.

International Studies Quarterly 47:123-150. (available through MSU Library "E-resources")

Biermann, Frank. 2000. The case for a world environment organization. *Environment* 42 (9):23-31. (available through MSU Library "E-resources")

Najam, Adil. 2003. The case against a new international environmental organization. *Global Governance* 9 (3):367-384. (available through MSU Library "E-resources")

Recommended:

United Nations. 2008. "Management Review of Environmental Governance within the United Nations System"

(http://www.unju.org/data/reports/2008/en2008_3.pdf)

Axelrod, Mark. Unpublished manuscript. *Demand Without Action - Failure to Create an Invasive Species Regime*.

April 27 - Conclusion

- What have you learned this semester?
- How many of you have a different opinion of international law now than you did at the start of this course? How has it changed?
- What is the future of international environmental law and policy?

Chasek et al., 365-380

Recommended:

Young, Oran R. 1999. Regime effectiveness: taking stock. In *Effectiveness of international environmental regimes: causal connections and behavioral mechanisms*, edited by O. R. Young. Cambridge, MA: MIT Press

Brown Weiss and Jacobson, chapter 15: Harold K. Jacobson and Edith Brown Weiss, "Assessing the record and designing strategies to engage countries." (available as E-book through MSU Library website)

Final Exam Period – Wednesday May 4, 10:00am-noon

Treaty Assignment Details

- Due one week before your treaty is discussed in class

Goals

The purpose of this assignment is two-fold:

First, it is designed to increase familiarity with an important part of the research process. While most class assignments rely on existing data or materials gathered by other researchers, this assignment asks you to collect a variety of information on one international treaty that we will discuss in class. You will have the opportunity to look at your case in depth, examining primary source materials (especially the treaty itself) and assessing the effectiveness of that particular institution.

Second, in addition to the case study approach you will take in completing the project, we will also be creating a dataset for the whole class to use in comparing a wide variety of treaties to each other.

Assignment Details

In order to meet these objectives, you will be responsible for two parts of this assignment, as well as class discussion. Before answering the questions below, you should read the treaty text, explore the treaty secretariat's website, and take a quick look at any secondary literature. Professor Axelrod will be happy to guide you towards any useful sources of information. One good starting point is the International Environmental Agreements (IEA) Database Project, available online at <http://iea.uoregon.edu>. Both written assignments are **due one week before our discussion** of the treaty:

1. Write a short (3-5 page) paper discussing the agreement, its origins, and its impacts on the behavior of countries. This paper should address the following questions:
 - a. What is the nature of the environmental problem? What type of common property resource is involved?
 - b. What stakeholders are involved (both countries and other individuals/industries/organizations)? What are their preferences? And what are their capabilities for achieving those preferences?
 - c. Do countries comply with the law? Has it been effective in terms of behavior change and enhanced environmental quality?
 - d. In what situation(s) could these provisions be useful to you as a resource manager, policy maker, or activist? In which situations might they limit your actions as a resource manager, government official, or private citizen?
 - e. From a science/policy viewpoint, how would you change the current regulations? Is that politically feasible? Why or why not?
2. Respond to a survey about your treaty online. This survey will include the following categories, and will be posted on our class page in Angel:
 - a. Name of the treaty (and short title)
 - b. Year of agreement and year of entry into force
 - c. Number of parties
 - d. Parties invited to participate (universal, regional, bilateral)
 - e. Symmetry of bargaining power among the parties (high/low)
 - f. Type of cooperation problem (common pool resource, transboundary resource flow, resource located entirely within countries)
 - g. Number of substantive rules

- h. Brief list of the substantive rules and requirements
- i. Bindingness of the agreement (hard law/soft law)
- j. Monitoring procedure (yes/no) and party assigned to conduct monitoring (self, other countries, third party composed of participant countries, independent third party)
- k. Positive incentives for compliance or technical/financial support
- l. Consequences/enforcement procedure (reciprocity, removal from the institution, economic sanctions, military action, other-explain)
- m. Dispute settlement procedure (bilateral negotiations, ICJ, new tribunal, other)
- n. Available measures of effectiveness
- o. Your general assessment of effectiveness in terms of countries' behavior change, accomplishing the parties' stated goals, and achieving environmental protection more generally

[Note that many of these questions are the same as those in part 1. However, in the online survey, your response options will be more limited for the sake of comparison to other students' treaties. I am aware that the agreements do not all fit easily into this framework. Please do your best to make them fit as best you can...that is a recurring aspect of the research process.]

- 3. Be prepared to discuss your treaty in class on the day we discuss your agreement. You will not be graded on this part of the project – other than your regular daily participation grade – but will be expected to share your extensive knowledge with the rest of the class.

Research Paper Details

- First draft due April 6 at the beginning of class
- Final version due April 25 at the beginning of class

International environmental law is a product of the states that participate in negotiations and implementation. Therefore, this assignment asks that you *describe* the roles played by one particular government and attempt to *explain* why the government has taken these positions. You will also *apply* your findings to predict the government's behavior in another ongoing negotiation.² This assignment is designed to strengthen your comparative research abilities, learn about particular international institutions and measures of environmental management success, and enhance your writing skills.

During the first week of class, you will sign up for a country of interest to you. In addition to the writing assignments described below, you will also be expected to provide the class with information about your country's position/role on a variety of international environmental issues throughout the semester.

This project will take place in three stages. First, you will develop some basic hypotheses about your country's approach to international environmental law and policy.

Research proposals are due at the beginning of class, February 9. Proposals should be 1-2 pages, and include: a) which country you have chosen and why have you chosen it; b) initial

² If you are interested in writing a different type of paper for this assignment, *please speak with me early in the semester* to discuss that research idea and why you have chosen to undertake it. You must adhere to the same timeline and length requirements described here.

hypotheses about the country's role in international environmental politics and why it has taken that role; c) At least 2 academic sources outside of the course readings.

Second, a preliminary draft of the paper, *including all written sections and a completed table of evidence*, is **due at the beginning of class, April 6**. As this course meets the Tier 2 writing requirement, you will have an opportunity to revise the paper following comments from Professor Axelrod. This draft must be at least 1500, and no more than 2000, words.

Following an introduction, you should identify the state's behavioral patterns in international environmental negotiations. At the very least, secretariat websites should be able to provide information regarding whether your country has signed or ratified treaties in each area. For more active states and more well-known agreements, additional information will be available. This section should answer the following questions:

Is your country a lead, supporting, swing, or veto/blocking state? Is that behavior consistent across all negotiations, or does it depend on the issue area? Based on available primary source materials such as negotiating statements and newspaper reports, can you identify reasons for that behavior pattern?

Once you have established the country's responsibilities, you will discuss the government's record in complying with those requirements, and hypothesize about possible reasons for that pattern. Following from these possible explanations, discuss what evidence – if it is not already available – you would need in order to test these hypotheses.

In addition to the text, your paper must also include a table that summarizes your government's participation and compliance across each issue area discussed in class. This table does not count towards the word limit of your paper.

The paper should conclude by applying your analysis to an ongoing negotiation process (choose from the post-2012 climate change negotiations, bluefin tuna discussions, international forestry negotiations, or another one of your choosing). What position do you expect your country to take in these negotiations, and how can other actors ensure that your country complies with the commitments eventually reached?

Professor Axelrod will provide extensive comments by April 18. Your **final paper (no more than 3000 words) is due April 25**.

Every fact or idea drawn from external sources must be identified with a footnote, endnote, or parenthetical documentation immediately after it is presented. You may use any citation format, as long as it is consistent and provides sufficient detail for your sources to be checked. The library provides a number of well-known formats at:

<http://www2.lib.msu.edu/research/cite-resources.jsp>

Any first draft or final paper that does not follow this standard will receive zero credit.

You are strongly encouraged to meet and discuss your research paper with Professor Axelrod and classmates throughout the semester. One goal of this research project is to learn more about a substantive topic. Perhaps more importantly, it is designed to enhance your research and writing skills, including the development of hypotheses and the use of empirical evidence to support or reject those hypotheses. By receiving and integrating instructor and peer feedback along the way, you will strengthen those skills.