

Global Environmental Governance

Spring 2016

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Meeting time: M 9-12:00, SRH 3.312/360
Office hours: T 12-2pm or by appt

This course will introduce students to major aspects of global environmental governance. We will begin with introduction of essential concepts related to collective action and public goods. In the first part of the course, we will address the nature of global environmental problems, collective action theory, the leading international organizations dealing with environmental problems, the significant pieces of global rules governing the environment, the role of the United States, science, non-state actors, and private governance. In the second half of the course, we will look in detail at a few issues, including air quality and ozone depletion, climate change, oceans management and fishing, rainforest conservation, species protection, and the future of global environmental governance.

The goals are to (1) familiarize you with the key debates and issues past, present, and future in global environmental governance, (2) provide you with a set of analytical tools to understand the scope for progress in this arena, (3) develop your sense of the landscape of organizations and information in this space, and (4) spur your creative engagement with global environmental issues in your subsequent professional career.

Grading and Assignments

Grading will be based on a final paper that you submit (40%), a midterm exam (35%), and class participation (25%). For your paper, the idea is for you to take a transborder environmental problem that continues to persist and write a paper that describes the nature of the problem and evaluating the response to date and prescribes how the problem could be addressed in the future. The paper will be 12-15 pages and be due the Friday after the last day of class.

Your overall participation grade will depend equally on three grades: (1) a grounding exercise (2) two writing summaries and (3) general participation.

For the grounding exercise, I will select a news article or two related to the class session, and you will be asked to lead a class discussion relating the news stories to the class readings. You should write a one-page double-spaced paper that links the news stories to the main themes from the week's readings and identifies a couple of questions that you'd like the class to discuss.

You will also submit a one-page double-spaced paper summarizing linking the news to the class readings. For the writing summaries, you will write a two-page double-spaced summary of the readings for two different days (that should be different from the grounding day). For that assignment, your responses should be double-spaced. You should address all of the authors you read for that week. What is their argument? Do you agree with their assessment? Why or why

not? This assignment will force you to be pithy. The best papers will provide a synthesis of some of the key points made in the readings, your own critical evaluation of and reactions to the readings, and comments on the conceptual implications of the readings. Do NOT sequentially summarize each of the readings. Response papers are due the beginning of the class for the topic on that given day.

Finally, the third part of your participation grade will depend upon my evaluation both of the frequency of your in-class contributions and their quality. So, do speak up but quantity alone isn't the goal!

All of your work should be original. Please no plagiarism; don't pass off some author's work as your own. If you do and I find out, bad news! I will enforce the strongest punishments in the LBJ School's plagiarism policy that I can. Please refer to the official policy for further details.

* Late assignments will be penalized by 1/3 of a letter grade for every day late. Thus, an A- would become a B+, a B+ a B, etc.

Readings: All readings will be available on Canvas, unless otherwise noted on the syllabus as a URL or through UT LIBRARY. I also encourage you to read current events related to the coursework. I have a Twitter feed that you might find interesting for posts on health. <https://twitter.com/busbyj2>

COURSE SCHEDULE

(1/18): MLK Day, No class

Class I (1/25): Global Environmental Governance

Speth, James Gustave and Peter Haas. 2006. *Global Environmental Governance* (New York: Island Press). Chapter 3, 52-81.

Barrett, Scott. 2003. *Environment and statecraft: the strategy of environmental treaty-making* (Oxford: Oxford University Press). Chapter 2, 19-48.

Andresen, Steinar, Elin Lerum Boasson, and Geir Hønneland, 2012. "Chapter 1, Introduction: Governing the International Environment." *International Environmental Agreements: An Introduction*. Routledge, 3-20.

Mitchell, Ronald. 2010. *International Politics and the Environment* (Los Angeles: Sage). Chapter 2, 21-47.

Mitchell, Ronald. 2010. *International Politics and the Environment* (Los Angeles: Sage). Chapter 3, 48-79.

Class 2 (2/1): Global Collective Action

Oye, Kenneth A. 1985. "Explaining Cooperation under Anarchy: Hypotheses and Strategies." *World Politics* 38(1), 1-24.

Sandler, Todd. 2004. *Global collective action* (Cambridge: Cambridge University Press). Chapters 2 and 3, 17-44 and 45-74.

Hardin, Garrett. 1968. "The Tragedy of the Commons."
http://www.garretthardinsociety.org/articles/art_tragedy_of_the_commons.html

Barrett, Scott. 2007. *Why Cooperate? The Incentive to Supply Global Public Goods*. (Oxford: Oxford University Press): 1-21, 74-102.

Class 3 (2/8): Designing Institutions and Incentives to Save the Planet

Zürn, Michael. 1998. "The Rise of International Environmental Politics: A Review of Current Research." *World Politics* 50 (4): 617-649.

Biermann, Frank and Philipp Pattberg. 2008. "Global Environmental Governance: What Can We Learn from Experience?" *Annual Review of Environment and Resources*, 33: 277-289.

Mitchell, Ronald. 2002. "International Environment" in Thomas Risse, Beth Simmons, and Walter Carlsnaes, eds., *Handbook of International Relations* (Los Angeles: Sage Publications), 500-516.

Downie, David Leonard. 2010. "Global Environmental Policy: Governance through Regimes." *The Global Environment: Institutions, Law, and Policy*, 3rd Edition. Axelrod et al, 70-91.

Mitchell, Ronald. 1994. "Regime Design Matters: Intentional Oil Pollution and Treaty Compliance" *International Organization* 48:3: 425-458.

Class 4 (2/15): Treaties and International Agreements

Chasek, Pamela S. and Lynn M. Wagner. 2012. *The Roads from Rio: Lessons We Learned from Twenty Years of Multilateral Environmental Negotiations*, 1-16.

Susskind, Lawrence E. and Saleem H. Ali. 2015. *Environmental Diplomacy*, 9-44.

Victor, David G. and Lesley A. Coben, 2005. "A Herd Mentality in the Design of International Environmental Agreements?" *Global Environmental Politics*, 5, 24-57.

Raustiala, Kal. 2005. Form and Substance in International Agreements. *The American Journal of International Law* 99 (3): 581-614.

Busby, Joshua. 2010. "International Organization and Environmental Governance" in R. A.

Denemark, eds., *The International Studies Encyclopedia* (New York: Wiley-Blackwell), 1-18.

Class 5 (2/22): Major Environmental Organizations

DeSombre, Elizabeth. 2006. *Global Environmental Institutions*. London: Routledge. 1-41.

Busby, Joshua. 2010. "International Organization and Environmental Governance" in R. A. Denemark, eds., *The International Studies Encyclopedia* (New York: Wiley-Blackwell), 12-14. Re-read these pages.

Siebenhüner, Edited by Frank Biermann and Bernd. 2009. *Managers of Global Change: The Influence of International Environmental Bureaucracies*. Cambridge: MIT Press. 1-11.

Najam, Adil. 2003. "The Case Against a New International Environmental Organization," *Global Governance* 9: 367-381.

Young, Oran R. 2008. "The Architecture of Global Environmental Governance: Bringing Science to Bear on Policy." *Global Environmental Politics* 8 (1):14-32.

Esty, Dan. 2006. "Global Environmental Governance," in Colin Bradford and Johannes Linn, eds., *Global Governance Reform* (Washington, DC: Brookings Press). 108-114.

Class 6 (2/29): The Role of the United States

Falkner, Robert. 2005. "American Hegemony and the Global Environment." *International Studies Review*. 7, 585-599.

Busby, Joshua. 2015. "A Green Giant? Inconsistency and American Environmental Diplomacy," chapter in an edited volume *The United States, China, and World Order*, edited by John Ikenberry, Zhu Feng, and Wang Jisi, Palgrave. 245-274.

DeSombre, Elizabeth R. 2011. *The United States and Global Environmental Politics: Domestic Sources of U.S. Unilateralism*. In *The global environment: institutions, law, and policy*, edited by Regina S. Axelrod, Stacy D. VanDeveer, and David Leonard Downie, 3rd:192-212. Vol. 3rd. Washington, DC: CQ Press.

Haas, Peter M. 1992. Introduction: Epistemic Communities and International Policy Coordination. *International Organization* 46 (1): 1-35. ALT

Lidskog, Rolf and Goran Sundqvist. 2015. When Does Science Matter? *International Relations Meets Science and Technology Studies*. *Global Environmental Politics* February 2015, Vol. 15, No. 1: 1-20.

Class 7 (3/7): Non-State Actors and Private Governance

McCormick, John. The Role of Environmental NGOs in International Regimes. In *The global environment: institutions, law, and policy*, edited by Regina S. Axelrod, Stacy D. VanDeveer, and David Leonard Downie, 3rd:192–212. Vol. 3rd. Washington, DC: CQ Press. 92-109.

Keck, Margaret and Kathryn Sikkink. 1998. *Activists Beyond Borders*. 1-38.

Eilstrup-Sangiovanni, Mette, and Teale N. Phelps Bondaroff. 2014. From Advocacy to Confrontation: Direct Enforcement by Environmental NGOs. *International Studies Quarterly* 58 (2): 348–361.

Green, Jessica, 2014. *Rethinking Private Authority*. Princeton U. Press. 1-25.

Potoski, Matthew, and Aseem Prakash. 2005. Green Clubs and Voluntary Governance: ISO 14001 and Firms' Regulatory Compliance. *American Journal of Political Science* 49 (2): 235–248.

Cashore, Benjamin. 2002. Legitimacy and the Privatization of Environmental Governance: How Non-State Market-Driven (NSMD) Governance Systems Gain Rule-Making Authority. *Governance* 15 (4): 503–529.

No Class (3/14): Spring Break

Class 8 (3/21): Mid-term

Class 9: (3/28): Air Pollution & Ozone

DeSombre, Elizabeth. 2006. *Global Environmental Institutions*. London: Routledge. 97-128.

McNeill, J. R. 2001. *Something New Under the Sun: An Environmental History of the Twentieth-Century World* (New York: Norton), 50-83.

Wettestad, Jorgen. 2012. "Reducing long-range transport of air pollutants in Europe." *International Environmental Agreements: An Introduction*. Steinar Andresen, Elin Lerum Boasson, and Geir Hønneland eds. Routledge, 23-37.

Levy, Marc A. 1993. European Acid Rain: The Power of Tote-Board Diplomacy. In *Institutions for the earth: sources of effective international environmental protection*, edited by Peter M. Haas, Robert O. Keohane, and Marc A. Levy, 75–132. Cambridge, Mass.: MIT Press.

New York Times series. 2007. "Choking on Growth" – Read all ten articles
http://www.nytimes.com/interactive/2007/12/29/world/asia/choking_on_growth_10.html

Smith, Charles, 2009. *Negotiating Environment and science*, Resources for the Future. 1-18.

Tolba, Mustapha. 2008. *Global Environmental Diplomacy*, MIT Press, 55-89.

Skjaereth, Jon Birger. 2012. "International ozone policies: effective environmental cooperation." *International Environmental Agreements: An Introduction*. Steinar Andresen, Elin Lerum Boasson, and Geir Hønneland eds. Routledge, 38-48.

Class 10: (4/4): Climate

NOAA. 2015. Climate Change: Global Temperature.

<https://www.climate.gov/news-features/understanding-climate/climate-change-global-temperature>

EPA. 2015. Global Greenhouse Gas Emissions Data.

<http://www3.epa.gov/climatechange/ghgemissions/global.html>

Sandler, Todd. 2004. *Global collective action* (Cambridge: Cambridge University Press), 212-234.

Benedick, Richard, 1999. "Contrasting Approaches: The Ozone Layer, Climate Change, and Resolving the Kyoto Dilemma." 3-33.

Keohane, Robert, and David G. Victor. 2011. The Regime Complex for Climate Change. *Perspectives on Politics* 9 (1): 7-23.

Hoffman, Matthew J. 2011. *Climate Governance at the Crossroads*. Oxford. 27-58.

Busby, Joshua. 2016. "After Paris: Good Enough Climate Governance," *Current History*, 3-9.

Busby, Joshua and Jennifer Hadden. 2015. "Non-State Actors in the Climate Arena." Stanley Foundation. 1-10.

IN-CLASS VIDEO

CFR Global Governance Monitor

<http://www.cfr.org/global-governance/global-governance-monitor/p18985#!/climate-change>

Years of Living Dangerously

<http://yearsoflivingdangerously.com/watch-years/>

Class 11: (4/11): Forests

Gulbrandsen, Lars H. 2012. "International forest politics: intergovernmental failure, non-governmental success?" *International Environmental Agreements: An Introduction*. Steinar Andresen, Elin Lerum Boasson, and Geir Hønneland. Routledge, 151- 170.

Keck, Margaret E., and Kathryn Sikkink. 1998. "Transnational Advocacy Networks in International Politics." *Activists beyond Borders: Advocacy Networks in International Politics* (Cornell: Cornell University Press) Chapter 4, 121-164.

Hansen, M. C., P. V. Potapov, R. Moore, M. Hancher, S. A. Turubanova, A. Tyukavina, D. Thau,

et al. 2013. "High-Resolution Global Maps of 21st-Century Forest Cover Change." *Science* 342, no. 6160 (November 15, 2013), 850–853.

Dingwerth, Klaus. 2008. "North-South Parity in Global Governance: The Affirmative Procedures of the Forest Stewardship Council." *Global Governance* 14 (1), 53-71.

Boer, Henry. 2013 "Governing Ecosystem Carbon." *Global Environmental Politics* 13, no. 4, 123–143.

Class 12 (4/18): Fisheries & Oceans

Montaigne, Fen. 2007. "Global Fisheries Crisis." *National Geographic*.

<http://ngm.nationalgeographic.com/2007/04/global-fisheries-crisis/montaigne-text>

Watson, Reg, Dirk Zeller, and Daniel Pauly. "Primary Productivity Demands of Global Fishing Fleets." *Fish and Fisheries* (2013): 1–9.

DeSombre, Elizabeth. 2006. *Global Environmental Institutions*. London: Routledge. 69-98.

Vincent, Amanda C J, Yvonne J Sadovy de Mitcheson, Sarah L Fowler, and Susan Lieberman. "The Role of CITES in the Conservation of Marine Fishes Subject to International Trade." *Fish and Fisheries* (2013): 1-25.

Stokke, Olam. 2012. "International fisheries politics: from sustainability to precaution." *International Environmental Agreements: An Introduction*. Steinar Andresen, Elin Lerum Boasson, and Geir Hønneland. Routledge, 97-116.

Seilen, Alan B. 2013. "The Devolution of the Seas: The Consequences of Oceanic Destruction." *Foreign Affairs*. 1-7.

Mitchell, Ronald. 1998. "Discourse and Sovereignty: Interests, Science, and Morality in the Regulation of Whaling" *Global Governance* 4 (3), 275-293.

Blok, Anders. 2008. "Contesting Global Norms: Politics of Identity in Japanese Pro-Whaling Countermobilization." *Global Environmental Politics* 8 (2), 39-66.

IN-CLASS VIDEO

Global Governance Monitor, CFR, Oceans

<http://www.cfr.org/global-governance/global-governance-monitor/p18985>

<http://ngm.nationalgeographic.com/2007/04/global-fisheries-crisis/fisheries-crisis-interactive>

Class 13 (4/25): Wildlife Conservation

DeSombre, Elizabeth. 2006. *Global Environmental Institutions*. London: Routledge. 42-68.

Sheikh, Pervaze and M. Lynne Corn. "The Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES): Background and Issues," Congressional Research Services, 2008, 1-14.

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), 123-148.

Jinnah, Sikina. 2014. *Post-Treaty Politics*. MIT Press. Chapter 7. 147-178.

Kolbert, Elizabeth. 2014. *The Sixth Extinction*. 1-22.

"The Price of Ivory" 7 part series in The New York Times
http://www.nytimes.com/interactive/world/africa/the-price-of-ivory.html?_r=0

Christy, Bryan. 2012. "Blood Ivory" National Geographic, 2012
<http://ngm.nationalgeographic.com/2012/10/ivory/christy-text>

Guilford, Gwynn. 2013. "Why Does a Rhino Horn Cost \$300,000? Because Vietnam Thinks It Cures Cancer and Hangovers" The Atlantic 2013
<http://www.theatlantic.com/business/archive/2013/05/why-does-a-rhino-horn-cost-300-000-because-vietnam-thinks-it-cures-cancer-and-hangovers/275881/>

Class 14 (5/2): Future of Global Environmental Governance

DeSombre, Elizabeth. 2006. *Global Environmental Institutions*. London: Routledge. 155-174.

Pattberg, P. & Widerberg, O. (2015). Theorising Global Environmental Governance: Key Findings and Future Questions. *Millennium*, 43(2), 684-705.

Biermann, Frank and Klaus Dingwerth. 2004. *Global Environmental Change and the Nation State*. *GEP* 4(1): 1-22.

Wapner, Paul. 2014. "The Changing Nature of Nature: Environmental Politics in the Anthropocene," *Global Environmental Politics*. 36-54.

Biermann, Frank. 2014. The Anthropocene: A governance perspective. *The Anthropocene Review*. 57-61.

Biermann, Frank. 2012. Navigating the Anthropocene: Improving Earth System Governance. *Science*. 1306-1307.

(5/9) – Final Paper Due Midnight