

## **Global Environmental and Health Governance**

Fall 2014

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Meeting time: M 2-5:00, SRH 3.214  
Office hours: M 11am – 1pm and by appt

This course will introduce students to major aspects of global environmental and health 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 global environmental governance and learn about the leading international organizations dealing with environmental problems, the significant pieces of global rules governing the environment, the problems of collective action posed by various kinds of environmental problems, and the future of environmental governance. We will look in detail at a few issues, including rainforest conservation, species protection, ozone depletion, climate change, oceans management, and fishing. We will also examine the different roles of non-state actors, including advocacy organizations and private for-profit actors, in this arena.

The second half of the course will introduce students to major aspect of global public health from the perspective of a political scientist. We review historic attempts to deal with transnational health problems in the aftermath of World War II, including international organizations like the World Health Organization and by private sector actors like the Rotary Club and the Carter Center. We will look at the emergent response to global health crises from the mid 1990s on, including HIV/AIDS and malaria. We will also look at the challenges to this effort, including the problems of strengthening public health systems and disease prevention. The course will examine emergent challenges for global health response from potentially quickly dispersing infectious diseases like SARS and bird flu. We will look at the role of new actors in the global health arena such as the Gates Foundation and broader challenges of support for health systems.

### **Grading and Assignments**

Grading will be based on the two papers that you submit (50%), a final exam (30%), and class participation (20%). For your writing assignments, the idea is for you to take a transborder environmental or health problem that continues to persist and write two papers, (1) one describing the nature of the problem and evaluating the response to date and (2) a second paper using concepts in the class to prescribe how the problem could be addressed in the future. The first paper should be 4 pages. The last paper will be 10 pages and be due on the last day of class.

Your overall participation grade will depend equally on three grades: (1) a grounding exercise (2) a writing summary 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 will also submit a one-page double-spaced paper summarizing linking the news to the class readings. For the writing summary, you will

write a two-page double-spaced summary of the readings for a different day (if you select to conduct a grounding exercise for a health session, the writing summary will need to be from a session about the environment. If you conduct a grounding exercise for an environment session, you need to write a summary about health). 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 and social bookmarks.

<http://twitter.com/#!/busbyj2>

## **COURSE SCHEDULE**

### **Class 1 (1/13): Introduction to Public Goods**

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](http://www.garretthardinsociety.org/articles/art_tragedy_of_the_commons.html)

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

RECOMMENDED:

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

### **(1/20): MLK Day, No class**

### **Class 2 (1/27): Global Environmental Governance**

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

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

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

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

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.

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

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

*Institutional Design, Private Governance, Trade*

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

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

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

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

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

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

### **Class 4 (2/10): The Atmosphere**

*Air Pollution, Ozone, Climate Change*

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

Wetttestad, 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.

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.

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

IPCC. 2013. *Fifth Assessment Report: Summary for Policymakers*, 1-27.

Busby, Joshua. 2010. *After Copenhagen: Climate Governance and the Road Ahead* (DC: Council on Foreign Relations), 1-18.

Andresen, Steinar and Elin Lerum Boasson. 2012. "International climate cooperation: clear recommendations, weak commitments." *International Environmental Agreements: An Introduction*. Steinar Andresen, Elin Lerum Boasson, and Geir Hønneland eds. Routledge, 49-66.

#### RECOMMENDED:

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

*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](http://www.nytimes.com/interactive/2007/12/29/world/asia/choking_on_growth_10.html)

CFR Global Governance Monitor

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

### **Class 5 (2/17): The Land**

*Forests, Ecosystems*

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.

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.

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

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.

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

Doherty, Emma, and Heike Schroeder. 2011. "Forest Tenure and Multi-level Governance in Avoiding Deforestation Under REDD+." *Global Environmental Politics* 11, 66–88. GET

### **Class 6 (2/24): The Water**

*Fishing, Ocean Pollution*

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.

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.

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

Jensen, Oystein. 2012. "Law of the sea: protection and preservation of the marine environment." *International Environmental Agreements: An Introduction*. Steinar Andresen, Elin Lerum Boasson, and Geir Hønneland. Routledge, 69-82.

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.

#### RECOMMENDED:

Global Governance Monitor, CFR, Oceans

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

#### IN-CLASS VIDEO:

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

### **Class 7 (3/3): Conservation and Charismatic Mega-Fauna**

Braun, David. 2012. "U.S. Pursues Global Strategy to End Trafficking in Wildlife." *National Geographic*.

<http://newswatch.nationalgeographic.com/2012/11/08/u-s-pursues-global-strategy-to-end-trafficking-in-wildlife/>

Kapstein, Ethan and Joshua Busby. 2013. *AIDS Drugs for All: Social Movements and Market Transformation*. Cambridge University Press. Chapter 7, selected pages on wildlife trafficking.

Rosendal, Kristin and Peter Johan Scheci. 2012. "Convention on CBD: from national conservation to global responsibility," *International Environmental Agreements: An Introduction*. Steinar Andresen, Elin Lerum Boasson, and Geir Hønneland, 119-133.

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.

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.

### **(3/10): Spring Break, no class**

### **Class 8 (3/17): Public Goods, Health, and Human History**

Youde, Jeremy. 2012. *Global Health Governance*, Routledge, 11-27.

Lee, Kelley. 2010. "International Organization and Health/Disease." in Robert A. Denemark, ed *The International Studies Encyclopedia*. (New York: Wiley-Blackwell). 1-12.

Fidler, David. 2010. *The Challenges of Global Health Governance*. Council on Foreign Relations. 1-26.

Shiffman, J. (2009) "A social explanation for the rise and fall of global health issues." *Bulletin of the World Health Organization* 87, 608-613.

Shiffman, Jeremy and Stephanie Smith. 2007. "Generation of Political Priority for Global Health Initiatives: A Framework and Case Study of Maternal Mortality," *The Lancet* 370 (9595): 1370-1379.

Institute for Health Metrics and Evaluation. 2012 *Financing Global Health 2012: The End of the Golden Age?*, 1-7.

Barrett, Scott. 2007. *Why Cooperate? The Incentive to Supply Global Public Goods*. (Oxford: Oxford University Press): 48-57, 62-73.

Barrett, Scott. 2004. "Eradication versus control: the economics of global infectious disease policies." *Bulletin of the World Health Organization* 82: 683-686.

### **Class 9 (3/24): The Organizational Landscape of Global Health**

Youde, Jeremy. 2012. *Global Health Governance*, Routledge. 29-114.

Chorev, Nitsan. 2012. *The World Health Organization between North and South*, chapter 1, 1-17.  
SCAN

Sridhar, D., and L. Gostin. 2014. "World Health Organization: Past, Present and Future." *Public Health*. 1-2.

Lee, K., and T. Pang. 2014 "WHO: Retirement or Reinvention?" *Public Health*. Accessed January 12, 2014. 1-5.

**Class 10 (3/31): EARLY SUCCESSES - Smallpox and Polio**

Centers for Disease Control and Prevention. 2007. "Smallpox: 30<sup>th</sup> anniversary of global eradication," 1-4.

Center for Global Development. 2007. "Eradicating Smallpox" from *Millions Saved: Proven Successes in Public Health*, 1-9.

Hopkins, Donald R. 1988. "Smallpox: ten years later." *American Journal of Public Health* 78, 1589-1595.

Behbehani, Abbas M. 1983. "The smallpox story: the life and death of an old disease." *Microbiological Reviews* 47, 455-509. SKIM

Barrett, Scott. 2006. "The smallpox eradication game." *Public Choice* 130, 179-207.

Barrett, Scott. 2013. Economic considerations for the eradication endgame. *Philosophical Transactions of the Royal Society B: Biological Sciences* 368 (1623), 1-11.

WHO. 2013. Fact Sheet Poliomyelitis.

<http://www.who.int/mediacentre/factsheets/fs114/en/>

Polio Global Eradication Initiative. 2014. Polio This Week.

<http://www.polioeradication.org/Dataandmonitoring/Poliothisweek.aspx>

Aylward, R.B., Acharya, A., England, S., Agocs, M., & Linkins, J. 2003. Global health goals: lessons from the worldwide effort to eradicate poliomyelitis. *The Lancet*, 362, 909-914.

Glassman, Amanda. 2011. "Weak States, Wealthier States, and Incentives for Polio Eradication." Center for Global Development.

<http://www.cgdev.org/blog/weak-states-wealthier-states-and-incentives-polio-eradication>

Constable, Pamela. 2014. "Politicians, Muslim Scholars Join Vaccination Effort as Violence Hinders Pakistan Polio Drive." *The Washington Post*.  
[http://www.washingtonpost.com/world/politicians-muslim-scholars-join-vaccination-effort-as-violence-hinders-pakistan-polio-drive/2014/01/10/aac96fc-768c-11e3-a647-a19deaf575b3\\_story.html](http://www.washingtonpost.com/world/politicians-muslim-scholars-join-vaccination-effort-as-violence-hinders-pakistan-polio-drive/2014/01/10/aac96fc-768c-11e3-a647-a19deaf575b3_story.html)

**RECOMMENDED:**

Barrett, Scott. 2006. "Transnational public goods for health," in *Expert Paper Series One: Infectious Disease*, Secretariat of the International Task Force on Global Public Goods, ed. Stockholm: Secretariat of the International Task Force on Global Public Goods. 1-20.

**Class 11 (4/7) – GLOBAL MOBILIZATION - HIV/AIDS**

Pepin, Jacques. 2011. *The Origins of AIDS*. Cambridge University Press. 1-17. AVAILABLE THROUGH UT LIBRARY

UNAIDS. 2013. Global Report: UNAIDS report on the global AIDS epidemic 2013, 1-28.

Kaiser Family Foundation. 2013. *Financing the Response to HIV in Low- and Middle-Income Countries: International assistance from Donor Governments in 2012*, 1-13.

Over, Mead. 2011. *Achieving an AIDS Transition Preventing Infections to Sustain Treatment*. Washington, D.C.; Baltimore, MD: Center for Global Development ; Distributed by Brookings Institution Press, 2011, 1-32. AVAILABLE THROUGH UT LIBRARY

Epstein, Helen. 2007. *The Invisible Cure*. (New York: Farrar, Strauss, and Giroux), 49-66.

de Waal, Alex. 2006. *AIDS and Power: Why there is no Political Crisis - Yet*. (London: Zed), 11-33.

Behrman, Greg. 2004. *The invisible people: how the U.S. has slept through the global AIDS pandemic, the greatest humanitarian catastrophe of our time*. (New York: Free Press), 3-20.

Kapstein, Ethan and Joshua Busby. 2013. *AIDS Drugs for All: Social Movements and Market Transformation*. Cambridge University Press. 1-31.

**Class 12 (4/14): Malaria and Orphan Diseases**

Pedrique, Belen, Nathalie Strub-Wourgaft, Claudette Some, Piero Olliaro, Patrice Trouiller, Nathan Ford, Bernard Pécoul, and Jean-Hervé Bradol. 2013. "The Drug and Vaccine Landscape for Neglected Diseases (2000–11): a Systematic Assessment." *The Lancet Global Health* 1, no. 6. e371–e379.

Dugger, Celia. "Preventable Disease Blinds Poor in Third World" *New York Times*. March 31.

McNeil, Donald. 2006. "Dose of Tenacity Wears Down an Ancient Horror." *New York Times*. March 26.

Yekutieli, Perez. 1981. "Lessons from the Big Eradication Campaigns," *World Health Forum* 2, 4: JUST READ 465- 472.

WHO. 2013. *World Malaria Report 2013*. ix-xiv, 17-22.

Cueto, Marcos. 2013 "A Return to the Magic Bullet? Malaria and Global Health in the Twenty-First Century," Biehl, João, and Adriana Petryna. *When People Come First: Critical Studies in Global Health*. Princeton University Press, 30-53. AVAILABLE THROUGH UT LIBRARY

Kapstein, Ethan and Joshua Busby. 2013. *AIDS Drugs for All: Social Movements and Market Transformation*. Cambridge University Press. Chapter 7, selected pages on malaria.

Cotter, Chris, Hugh JW Sturrock, Michelle S Hsiang, Jenny Liu, Allison A Phillips, Jimmie Hwang, Cara Smith Gueye, Nancy Fullman, Roly D Gosling, and Richard GA Feachem. 2013. "The Changing Epidemiology of Malaria Elimination: New Strategies for New Challenges." *The Lancet* 382, no. 9895 (7): 900–911.

### **Class 13 (4/21): NEW INFECTIOUS - FLUS**

Price-Smith, Andrew T. 2009 *Contagion and Chaos Disease, Ecology, and National Security in the Era of Globalization*. Cambridge, Mass.: MIT Press, 139-158.

McKibbin, Warwick and Alexandra A. Sidorenko. 2007. The Global Costs of an Influenza Pandemic. "Millken Review" 18-27.

deLisle, Jacques. 2003. "SARS, greater China, and the pathologies of globalization and transition." *Orbis* 47: 587-604.

Youde, Jeremy. 2008. "Who's Afraid of a Chicken? Securitization and Avian Flu." *Democracy and Security* 4 (2): 148 – 169.

Huang, Yanzhong. 2010. "Comparing the H1N1 Crises and Responses in the United States and China." Council on Foreign Relations. 1-22.

#### **RECOMMENDED VIDEO:**

Huang, Yanzhong. 2010. Pandemic Response in East Asia and Implications for U.S. Global Leadership. Strauss Center, November 29.

<http://www.youtube.com/watch?v=gsjeAkEIPd0>

### **Class 14 (4/28): THE ROAD AHEAD - BUILDING HEALTH SYSTEMS CAPACITY**

Bump, Jesse. 2010. *A century of lessons for development strategy*. PATH. 1-42.

Grépin, Karen. 2011. Leveraging HIV Programs to Deliver an Integrated Package of Health Services: Some Words of Caution *JAIDS Journal of Acquired Immune Deficiency Syndromes*: 1 August 2011 - Volume 57 - Issue - pp S77-S79.

Farmer, Paul. 2013. *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, 302-339. AVAILABLE THROUGH UT LIBRARY

Markel, H. 2014. "Worldly Approaches to Global Health: 1851 to the Present." *Public Health*, 1-5.

Chorev, Nitsan. 2012. *The World Health Organization between North and South*, 226-242.

Ellner, Andrew, Gene Bukham, and Paul Farmer. 2011. "Health Systems Strengthening for the Bottom Billion." Parker, Richard Guy, Sommer, Marni. *Routledge Handbook of Global Public Health*. London, Routledge. 117-130.

#### RECOMMENDED:

Bennett, Sara. 2011 "Health Systems Strengthening: Past, Present and Future." Parker, Richard Guy, Sommer, Marni. *Routledge Handbook of Global Public Health*. London, Routledge. 473-480.

Kamradt-Scott, Adam, Chris Holden, and Kelley Lee. 2011. "The Shifting Landscape of Public Health: From International to Global Health." Parker, Richard Guy, Sommer, Marni. *Routledge Handbook of Global Public Health*. London, Routledge, 31-37.

Labonté, Ronald 2011. "From International to Global: Framing Health in the New Millennium." Parker, Richard Guy, Sommer, Marni. *Routledge Handbook of Global Public Health*. London, Routledge, 38-50.

**SECOND PAPER DUE (May 2)**  
**FINAL EXAM (May 7-13): TBD**