

## **Global Environmental Governance**

Spring 2021 \_REVISED

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Meeting time: M 2-5pm, Zoom  
Office hours: M 9-11, 1-2 T & by appt

Zoom Course: <https://utexas.zoom.us/j/94738830758>

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 grounding assignment (10%), two response papers (20%), a midterm exam (30%), a group strategy project (30%), and class participation (10%).

For the grounding exercise, I will select several news articles 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 single-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. We will do grounding readings for weeks 2-13.

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) and these should be from BEFORE THE MIDTERM. 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.

For your end of the semester group project, you will design a campaign to focus on progress in one of four topics (1) climate change (2) air pollution (3) oceans/fisheries (4) wildlife conservation (5) forests. You will develop a multi-faceted strategy for advancing progress in that space focusing on (a) state-based approaches, (b) international organizations, and (c) non-state actors/private governance. These can be alternative approaches or part of an overarching coherent strategy.

You will likely want to divvy responsibility for each group member to write a 1-2 page single-spaced strategy memo for each of these actors and what they could do. Collectively, you will also write a four to five page strategy memo for your overall group strategy. You will present that strategy with a 15 minute presentation and 15-20 minutes of Q&A in the final class session. You will also post a public-facing version of the strategy as a blogsite that should be more visually appealing as if you were trying to persuade folks to support the campaign. It could be like a think tank or advocacy organization campaign site. That campaign site should include each of actors above. The grade will be divided into 4 parts (a) a group grade for presentation (b) a group grade for the memo (c) a group grade for the website and (4) an individual grade for your subcomponent of the project.

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.*

*My grading scale*

*93 and up is an A*

*90-93 A-*

*87-90 B+*

*83-87 B*

*80-83 B-*

**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 the environment.

<https://twitter.com/busbyj2>

I'd like you to get a copy of this 2020 book. Jean-Frédéric Morin; Amandine Orsini; Sikina Jinnah. 2020 *Global Environmental Politics: Understanding the Governance of the Earth*. Oxford University Press. You can rent a digital version for the semester here for \$22.48.

<https://www.vitalsource.com/referral?term=9780192560780>

Hard copy available on Amazon here for \$44. I will see if I can get a hard copy and photocopy relevant chapters. The Intro chapter is on Canvas.

<https://global.oup.com/ushe/product/global-environmental-politics-9780198826088?q=jinnah&cc=us&lang=en>

## Course Digest

Class 1 (1/25): Global Environmental Governance

Class 2 (2/1): Collective Action

Class 3 (2/8): The Role of States

Class (2/15): CANCELLED DUE TO WEATHER

Class 4 (2/22): Voluntary Session – Treaties and International Agreements

Class 5 (3/1): International Environmental Organizations

Class 6 (3/8): Non-State Actors

No Class (3/15): Spring Break

Class 7 (3/22) Mid-term Due by 2pm, Air Pollution

Class 8 (3/29): Ozone

Class 9 (4/5): Climate

Class 10 (4/12): Forests

Class 11 (4/19): Fisheries & Oceans

Class 12 (4/26): Wildlife Conservation

Class 13 (5/3): Future of Global Environmental Governance

## COURSE SCHEDULE

### **Class 1 (1/25): Global Environmental Governance**

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

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

Axelrod, Regina and Stacy VanDeveer. 2019. "Governing the Global Environment." *The Global Environment: Institutions, Law, and Policy*, 5<sup>th</sup> edition. Axelrod et al, 1-32.

Morin, Jean-Frédéric Amandine Orsini; Sikina Jinnah. 2020 *Global Environmental Politics: Understanding the Governance of the Earth*. Intro, 1-24.

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

### **Study Questions**

- What are international environmental problems?
- What is global environmental governance?

- What are some of the key moments in global environmental governance history?
- What does Mitchell mean by problem structure and what role does it play?
- What are the issues associated with resolving environmental issues that have an upstream/downstream component?
- What about capacity problems?
- What is the history of the fur seal? What lessons learned does Barrett draw?
- What are the various approaches to global environmental governance?
- What are the five questions that Andresen and Speth propose to evaluate environmental governance efforts?

## **Class 2 (2/1): 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](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.

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

### Study Questions

- According to Oye, what are the barriers to collective action? How do you overcome those barriers?
- What are the two properties of public goods and how does that affect collective action?
- What is the tragedy of the commons?
- What are externalities?
- What is the technology of aggregation? How does that affect the prospects for collective action?
- Why does Oye say, when you see hoofed animals, think horse not zebra?
- How can states overcome these collective action problems?
- As an issue area, what game forms do international environmental problems take? Are the prospects for cooperation and collective action good?
- What is difference between the domestic and international arena?
- What made for successful policy in the oil pollution regime?

## **Class 3 (2/8): The Role of States**

Urpelainen, Johannes. 2019. *Global Environmental Politics in the 21<sup>st</sup> Century*. Unpublished Manuscript. 5-101.

Morin, Jean-Frédéric Amandine Orsini; Sikina Jinnah. 2020 *Global Environmental Politics: Understanding the Governance of the Earth*. Chapter 3, 95-120.

DeSombre, Elizabeth R. 2019. 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, 5th: 163-190. Washington, DC: CQ Press.

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.

Charting the Belt and Road decision making machine

<https://pandapawdragonclaw.blog/2020/09/21/charting-the-belt-and-road-decision-making-machine/>

Hale, Thomas, Chuyu Liu, Johannes Urpelainen. 2020. "Belt and Road Decision-Making in China and Recipient Countries: How and to What Extent Does Sustainability Matter?" 7-56.

Listen: Who decides and how along the Belt and Road? with Thomas Hale & Johannes Urpelainen.

<https://podcasts.apple.com/us/podcast/38-who-decides-how-along-belt-road-thomas-hale-johannes/id1419143614?i=1000503281524>

### Study Questions

- What is the role of states in global environmental governance?
- How does the sovereign state system shape the potential for progress?
- How have changes in the distribution of power changed global environmental governance?
- Where do states' environmental preferences come from?
- What are different ways states can address international environmental challenges?
- What has the US's record been in global environmental governance? How has it changed over time?
- Under what conditions does the United States play a leadership role in global environmental policy?
- What are the potential environmental impacts of China's Belt and Road program? How does it operate? How could China limit its environmental impact?

Class (2/15) Canceled due to weather

### **Class 4 (2/22): Voluntary Session on 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*, 1-37.

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.

Mitchell, Ronald B. et al. 2020. "What We Know (and Could Know) About International Environmental Agreements" *Global Environmental Politics*. 103-118.

Brandi, Clara, Dominique Blümer, and Jean-Frédéric Morin. 2019. When Do International Treaties Matter for Domestic Environmental Legislation? *Global Environmental Politics* 19 (4): 14-44.

Video: 25th Anniversary Documentary - Montreal Protocol on Substances that Deplete the Ozone Layer

<https://www.youtube.com/watch?v=7nY6exEIP4A>

Video: The inside story of the Paris climate agreement.

[https://www.youtube.com/watch?v=MIA\\_1xQc7x8](https://www.youtube.com/watch?v=MIA_1xQc7x8)

### Study Questions

- What are the stages of treaty negotiation to implementation? What is the difference between signing an agreement and ratifying it? What does it mean for a treaty to enter into force?
- Why is there a preference for hard law in international environmental agreements?
- Are there any potential advantages of pledges (or soft law approaches) to international agreements?
- What do Victor and Coben mean by the herd mentality in the design of international environmental agreements? Why do negotiators prefer quantity targets over prices? Why might price targets be preferred?
- What do we know about patterns in international environmental agreements?
- How well is the system of international environmental agreements working?
- When do international treaties matter for domestic environmental legislation?

### **Class 5 (3/1): International Environmental Organizations**

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

Busby, Joshua. 2017. "International Organization and Environmental Governance" in Renée Marlin-Bennett, ed, *Oxford Research Encyclopedia of International Studies*, 1-29.

Morin, Jean-Frédéric Amandine Orsini; Sikina Jinnah. 2020 *Global Environmental Politics: Understanding the Governance of the Earth*. Chapter 7, International Institutions, 231-252.

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

Bauer, Steffen, Per-Olof Busch And Bernd Siebenhüner. 2009. "Treaty secretariats in global environmental governance" in: Frank Biermann / Bernd Siebenhüner / Anna Schreyögg (eds.), *International organizations in global environmental governance*, London: Routledge, 174-191.

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

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

### Study Questions

- What is the distinction between institutions, organizations, and bureaucracies/secretariats?
- What functions need to be performed by global environmental organizations?
- What is the Achilles heel of many international organizations?
- What did Seibenhuner say about variation in secretariat agency? What is Bauer's assessment?
- What is the role of UNEP? What are its accomplishments? What are its weaknesses?
- What did I write about the reputation of the World Bank and WTO?
- What is Esty's argument for a reformed UNEP? What is Najam's argument?

### **Class 6 (3/8): Non-State Actors**

Morin, Jean-Frédéric Amandine Orsini; Sikina Jinnah. 2020 *Global Environmental Politics: Understanding the Governance of the Earth*. Chapter 1, Interconnections between science and politics, 27-53.

Morin, Jean-Frédéric Amandine Orsini; Sikina Jinnah. 2020 *Global Environmental Politics: Understanding the Governance of the Earth*. Chapter 4, Nonstate actors, 126-153.

### Epistemic Communities

Haas, Peter M. 1989. Do Regimes Matter? Epistemic Communities and Mediterranean Pollution Control. *International Organization* 3 (2): 377-403.

### Nonstate Actors

O'Neill, Kate. 2019. "Architects, Agitators, and Entrepreneurs." In *The global environment: institutions, law, and policy*, edited by Regina S. Axelrod, Stacy D. VanDeveer. 5th. Washington, DC: CQ Press. 35-67.

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.

### Private Governance

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.

### Study Questions

- What is included in the category of non-state actors?
- What is the relationship between science and global environmental policy?
- What are epistemic communities?
- What are NGOs? What are their sources of influence? What are their limits?
- What are transnational advocacy networks? Who can be part of it?
- What are the four mechanisms TANs use to influence political outcomes?
- What are the various stages of the policy process over which they have influence? Which stages do they have most influence?
- What is framing? What kinds of frames work? How does that affect environmental advocacy?
- What is direct enforcement? Under what conditions does it potentially work?
- What is private authority?
- What is the distinction between delegated and entrepreneurial authority?

### **No Class (3/15): Spring Break**

### **Class 8 (3/22) Mid-term Due by class, Air Pollution**

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

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

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, Cambridge, Mass.: MIT Press, 75–132.

Podcast: [Confronting the Crisis of Air Pollution](#)

<https://open.spotify.com/episode/4d1GYzgZ42VcGVkSSh4c93?si=Cv4RS0IXQS2soRm7rP2cUA>

Documentary: Under the Dome

<https://www.youtube.com/watch?v=V5bHb3ljjbc>

### Study Questions

- What does McNeill say about the history of air pollution?
- What's different about the contemporary era?



- Let's talk about acid rain and air pollution efforts in Europe historically with the Long-Range Transboundary agreement. What was the problem?
- What pollutants has it regulated?
- How did high politics help this issue get attention and get on the agenda?
- How was it structured? How did it change over time?
- What were some of the critical divisions? Between who? Over what? How resolved?
- Has it worked?
- Why did it work or not? What does Levy say? What do Wettestad? De Sombre say?
- Subsequent problems have emerged in China and India. Are these mostly internal problems?

### **Class 9 (3/29): Ozone**

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.

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

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

Skjærseth, Jon Birger. 1992. "The 'successful' ozone-layer negotiations: Are there any lessons to be learned?" *Global Environmental Change*, 292-300.

Downie, David Leonard. 2019. "International Environmental Regimes and the Success of Global Ozone Policy" In *The global environment : institutions, law, and policy*, edited by Regina S. Axelrod, Stacy D. VanDeveer. 5th. Washington, DC: CQ Press. 101-32.

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

Video: PBS. Ozone Hole: How We Saved the Planet

<https://www.pbs.org/video/ozone-hole-how-we-saved-the-planet-ttwe2/>

### **Study Questions**

- What was the problem?
- What pollutants were regulated?
- How did this issue burble up and get dealt with?
- How was this problem different from air pollution?
- How was it structured? How did it change over time?
- What were some of the critical divisions? Between who? Over what? How resolved?
- What was the role of the United States?
- What was the role of UNEP?
- How did the regime deal with the issue of North-South divisions?
- How did the regime deal with the issue of non-participation?
- How did the regime deal with the issue of non-compliance?
- Why did it work?

## **Class 10 (4/5): Climate**

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

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

Jinnah, Sikina. 2017. "Makers, Takers, Shakers, Shapers: Emerging Economies and Normative Engagement in Climate Governance." *Global Governance*. 285-306.

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

Keohane, Robert and David G. Victor 2016. "Cooperation and Discord in Global Climate Policy" *Nature Climate Change*, 6(6), 570-575.

Busby, Joshua. 2019. "As the Stakes Rise, Climate Action Loses Momentum." *Current History*. 2019. 36-38.

Busby, Joshua and Johannes Urpelainen. 2020. "Following the Leaders? How to Restore Progress in Global Climate Governance." *Global Environmental Politics*. 99-121.

Podcast: [Episode 8: How Did We Get Here? A History of the Climate Negotiations](https://open.spotify.com/episode/4eEsJlqAbFSdDLfX3jz2AA?si=AftdGOq4S9iPEFpkgg5aEg)  
<https://open.spotify.com/episode/4eEsJlqAbFSdDLfX3jz2AA?si=AftdGOq4S9iPEFpkgg5aEg>

### Study Questions

- What does Todd Sandler say are the primary differences between collective action on climate and ozone?
- What was the Kyoto approach? What are targets and timetables? What is common but differentiated responsibility? What were the flexibility mechanisms? What were Annex I and non-Annex I countries?
- What is the regime complex for climate change?
- Why do Keohane and Victor suggest a single integrated organization has not been possible for climate change?
- What is their argument for smaller clubs? What functions could the UNFCCC retain?
- How are developing countries like China trying to shape climate governance (Jinnah)?
- What is my argument about the virtues of the Paris agreement? What are its weaknesses?
- What's the current state of the Paris Agreement?
- What should happen going forward?

## **Class 11 (4/12): 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.

Weisse, Mikaela and Liz Goldman. 2019. "The World Lost a Belgium-sized Area of Primary Rainforests Last Year." *Forest Watch*.  
<https://blog.globalforestwatch.org/data-and-research/world-lost-belgium-sized-area-of-primary-rainforests-last-year>

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

Duchelle, Amy et al. 2019. "Forest-Based Climate Mitigation: Lessons from REDD+ Implementation." World Resources Institute. 2-21.

Podcast: [From parks to payments, which conservation methods work best?](https://open.spotify.com/episode/3cj5zzTeIPVJNL3KJPtCiC?si=KIppu3y4TQ6D4N-XrSyVrA)  
<https://open.spotify.com/episode/3cj5zzTeIPVJNL3KJPtCiC?si=KIppu3y4TQ6D4N-XrSyVrA>

Podcast: [The Simple Economics of Saving the Amazon Rain Forest](https://open.spotify.com/episode/2UyI72AvGSydu3GW79KIJ?si=EAMIN5gISfGddYw4opjixA)  
<https://open.spotify.com/episode/2UyI72AvGSydu3GW79KIJ?si=EAMIN5gISfGddYw4opjixA>

Podcast: [What's In Store for the World's Forests in 2021](https://open.spotify.com/episode/I2VTL66E4Sjz2Wgwjkd0ON?si=VRvIxYa9SCqWYPC4YKqc3A)  
<https://open.spotify.com/episode/I2VTL66E4Sjz2Wgwjkd0ON?si=VRvIxYa9SCqWYPC4YKqc3A>

### Study Questions

- Per Weisse and Goldman, what are the patterns of deforestation in recent years? Which countries have had the most deforestation? Which countries have had the greatest success reducing deforestation?
- What mix of goods do forests produce?
- Per Gulbrandsen, what is the history of intergovernmental approaches to forest conservation? Why have they failed?
- Per Keck and Sikkink, how have international campaigners tried to address deforestation? Why were they somewhat more successful building a movement to address deforestation in Brazil compared to Malaysia?
- Why did forest campaigners pursue forest certification programs like the Forest Stewardship Council? How does it work? How effective has it been?
- What was the unique governance structure of the FSC? Per Dingwerth, has the FSC succeeded in attaining equity in participation by region?
- What is REDD+ and why has it emerged as an attractive means to deal with climate change? Why has the forest conservation movement hitched its wagon to climate change? How is it working?
- What will work going forward?

## **Class 12 (4/19): Fisheries & Oceans**

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

Watson, Reg, Dirk Zeller, and Daniel Pauly. 2014 "Primary Productivity Demands of Global Fishing Fleets." *Fish and Fisheries* (2013): 1–9.

Pauly, Daniel and DirkZeller. 2017. "Comments on FAOs State of World Fisheries and Aquaculture (SOFIA 2016)" *Marine Policy*. 176-181.

Barkin, Samuel and DeSombre, Elizabeth. 2013. *Saving Global Fisheries*. 13-34.

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.

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.

Campling, Liam and Elizabeth Havice. 2018. "The Global Environmental Politics and Political Economy of Seafood Systems." *Global Environmental Politics*. May 2018, 72-92.

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.

Podcast: [Daniel Pauly on the Future of Fish and Fisheries vs. The Planet](https://open.spotify.com/episode/4IPKo3NTcSZLQu7Fe9O23q?si=ShFbwdxgTjidIeKq09sa9w)  
<https://open.spotify.com/episode/4IPKo3NTcSZLQu7Fe9O23q?si=ShFbwdxgTjidIeKq09sa9w>

Podcast: [Save the Oceans: Recycling Is Not Enough](https://open.spotify.com/episode/5hTnxrSZrY5U7bsN746aNn?si=rrS7zXNLQv24DGZEgdIh9Q)  
<https://open.spotify.com/episode/5hTnxrSZrY5U7bsN746aNn?si=rrS7zXNLQv24DGZEgdIh9Q>

### Study Questions

- What are the various threats to the world's oceans according to Seilen?
- What do Watson and Pauly say about the state of global fisheries?
- What kind of problem is fisheries management on the oceans?
- According to Barkin and DeSombre, what are the main international institutional mechanisms to address problems in the oceans?
- How effective are regional fisheries management institutions? What are the mechanisms by which fisheries can be managed?
- What is De Stokke's view on the Exclusive Economic Zones?
- According to Vincent, what is the CITES regime and why has CITES not been used much as

- a marine conservation tool?
- How is seafood regulated?
- What is the history of whaling management according to Mitchell?
- According to Blok, how has Japan responded to the anti-whaling regime?
- How should fisheries/oceans be regulated going forward?

### **Class 13 (4/26): Wildlife Conservation**

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

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

CITES. What is CITES

<https://www.cites.org/eng/disc/what.php>

CITES. How CITES works.

<https://www.cites.org/eng/disc/how.php>

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.

Felbab-Brown, Vanda. 2017. *The Extinction Market*. Hurst Publishers 1-30, 241-278.

Podcast: [Countering the wildlife trafficking and poaching threat](https://open.spotify.com/episode/6wriW4ClhP5VhituXS38xe?si=q0WbjkC8SdOvFjFoF7w2ew)

<https://open.spotify.com/episode/6wriW4ClhP5VhituXS38xe?si=q0WbjkC8SdOvFjFoF7w2ew>

#### Study Questions

- What is the sixth mass extinction?
- What is the nature of demand for wildlife? Why has it emerged/spiked recently in countries like China and Vietnam?
- What is the problem in range states, particularly in Africa? How should we think of this in terms of our understanding of public goods/private goods?
- What are the major wildlife oriented processes according to DeSombre?
- What is CITES? According to Gehring and Ruffing, how does it work? Why do they argue that reason-based deliberation is key to its operations?
- How do sanctions work through CITES? Has it been effective?
- What does Jinnah say about the history of listing of marine/aquatic species by CITES? How has CITES reconciled the overlap with the FAO?
- What should be done to conserve wildlife? What do you make of Felbab-Brown's recommendations?

### **Class 14 (5/3): Future of Global Environmental Governance**

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

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

Urpelainen, Johannes. 2019. *Global Environmental Politics in the 21<sup>st</sup> Century*. Unpublished Manuscript. 102-143, 285-302.

### Study Questions

- What is the Anthropocene?
- What does Wapner say about the significance of the Anthropocene for nature and humanity?
- According to Pattberg and Widerberg, how has global environmental governance changed?
- What is Urpelainen's sketch of how global environmental governance changed?
- What does Urpelainen say about what approaches will work now?
- What should be done? Are you optimistic?

*Strategy Presentations: Air Pollution, Climate Change, Oceans, Wildlife Conservation, Forests*

**FINAL ASSIGNMENTS DUE 5/10**