

Political Science 239/IR 239
Spring 2018

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Joanna Foster, “Vj g'Gpf w kpi 'Ghgevu'qh'Q| qpg'F grngvqpö New York Times Green Blog Post (Feb. 1, 2013)

“Ozone Layer on Track to Recovery: Success Story Should Encourage Action on Erko cvgö'UNEP News Centre (Sep. 1, 2014)

Brian Handwerk, “Y j cvxgt 'J crr gpgf "q"vj g'Q| qpg'J qrgAö National Geographic News (May 7, 2010)

Fred Pearce, “Thirty Years After the Montreal Pact, Solving the Ozone Problem Tgo ckpu'Gmwkxgö'Yale Environment 360 (August 14, 2017)

Feb. 5 The Kigali Amendment: Addressing the hole in the stratospheric ozone layer and climate change. Discussion of the Kigali Amendment. Review for Test #1.

Coral Davenport, “Nations, Fighting Powerful Refrigerant that Warms Planet, Tgcej 'Ncpcf o ct m'F gcrö'New York Times (Oct. 15, 2016)

Alexander Ovodenko, “140 Countries Will Phase Out HFCs. What Are These and Why Do They Matter?” Washington Post (November 3, 2016)

“Reworking the Ozone Treaty to Work for Climate Change” Living On Earth (PRI November 12, 2010)

Joan Chemnick “Trump Quietly Accepts an Obama-Gt c'Erko cvg'F gcrö'Scientific American (Nov. 29, 2017)

Feb. 7 TEST #1: Ozone Regime and IEL Principles

III. Biological Diversity, Endangered Species and Regulating Trade in Wildlife

Feb. 12 Biological Diversity, 6th Wave of Extinction & Convention on Biological Diversity: What is biological diversity? “Hot spots” of biodiversity, ecosystem services, and biophilia. Threats to biodiversity (poverty, habitat conversion, overutilization, poaching, invasive species, etc). Tipping points, most threatened families of species, IUCN Red List. Is this a global or regional challenge? Is this a cumulative or systemic problem? The Biodiversity Convention and related conventions. *In clag0 Gm.ö'w'nupETQq0.00000920 62e*

Feb. 14 Genetic diversity, biotechnology, intellectual property, traditional knowledge and use, and agriculture (crop diversity, GMOs, etc): Traditional knowledge, bioprospecting, and balancing conservation, access, equitable sharing of benefits in a sustainable way. Nagoya Protocol on Access and Benefit Sharing (ABS), Cartagena Protocol (biosafety), N/S issues, Trade-Related Aspects of Intellectual Property Rights (TRIPS).

Reading: *The Global Environment*, Ch. 12 pp. 283-301

Principles of International Environmental Law, Ch. 10 pp. 458-471

Feb. 19 Regulation of Trade (CITES), International Environmental Funding Mechanisms (GEF, ABS, etc), Enforcement issues: How does CITES work? How are species listed? Does it ban trade in all listed species (significance of Appendix I, II, and III)? How does the permitting system work and who implements CITES at the State level (Management & Scientific Authorities)? What is Global Environment Facility and what incentive mechanisms does it provide developing countries? Enforcement issues: tackling demand side and/or poaching?

Reading: *Principles of International Environmental Law*, Ch. 10 pp. 472-483

Zach Goldhammer, “Ecp'l qw'Y ci g'c'Y ct 'qp'Rqcej kpi Aö "The Atlantic Monthly (Aug. 7, 2014)

I.S., “Vj g'gpf cpi gt gf 'ur geku'vt cf g<Qp'yj g'Y c{'Qwö The Economist (Mar. 16, 2013)

Caroline Davies, “Rt kpeg'Ej ct ngu<y qtrf 'o wv'xwemf go cpf ø'lt 'kngi cr'y kf rllg" rtqf wewö "The Guardian (Feb. 13, 2014)

Jeffrey Gettleman, “ ‘Gxgt{qpg'Y cpw'c'Dcd{ø<Vj g'F ct mlO ct ngv'lt 'Cr guö "The New York Times (Nov. 5, 2017)

Short Paper Due: Hand in printed copy to me in class.

IV. Hazardous Waste, Transboundary Movement of Hazardous Waste, “Toxic Colonialism,” and The Basel Convention

Feb. 21 Hazardous Waste, Transboundary Shipment & Disposal, “Toxic Colonialism and the Strategy & Structure of the Basel Convention:

Jeff Tietz, *“Hv g' Hcv g' qh' Vt ggu- J qy ' Erko cvg' Ej cpi g' Oc { ' Cnxt ' Hqt gmu' Y qtrf y kf gö* (Rolling Stone Magazine, March 12, 2015)

Helen MacDonald, *“F gc f ' Hqt gmu' cpf ' Nkxpi ' O go qt kguö* (New York Times Magazine, Sept. 17, 2015)

Jeremy Hance, *“Failing Our Forests: In Two Years We've Lost Enough Forests To Cover Spain,”* The Guardian (Dec. 22, 2017)

Gabriel Popkin, *“Ewt g' l qwt ugrh' qh' Vt gg' Dkpf pguö* (New York Times (Aug. 27, 2017)

Mar. 21 Amazonas Lodge Case Study: Guest speaker – Professor Milena Novy-Marx.

Reading: Handout

Mar. 26 Forest Powerpoint Presentations and Discussion: Each group will present its 15 minute Powerpoint on its assigned forest ecosystem and participate in class discussion.

Reading: *Taking Back Eden* and other research for Powerpoint presentation.

Mar. 28 Forest Powerpoint Presentations and Discussion: Continued group powerpoint presentations and class discussion.

April 2 Implementation of EU's Forest Law Enforcement, Governance and Trade (FLEGT) Action Plan. What is FLEGT? How is sustainable forest management through trade and regulation working in the Absence of a Global Forest Protocol?

Reading: TBA

Final Paper (due April 11): Will provide handout in class final paper.

VI. Climate Change: Science, UNFCCC, Paris Agreement, Trump Administration and Future Directions

April 4 Root Drivers of International Environmental Problems. I = P x A x T. Ten drivers of environmental deterioration. Globalization, consumption and sustainability. In class, group discussion of consumption, sustainability, environmental justice, human rights, ethics and religion.

Reading: *Red Sky at Morning*

April 11 Climate Change Challenge: Science, greenhouse gases, timeline, tipping points, feedback loops. Intergovernmental Panel on Climate Change reports. Scientific

opinion v. public perception of scientific opinion. Sources of greenhouse gases (energy, agriculture, transportation, etc.).

Reading: Justin Gillis, “*Short Answers to Hard Questions About Climate*” *Ej cpi gö* (The New York Times, Nov. 28, 2015)

Charles C. Mann, *ōJ qy 'iq'VcmCdqw'Erko cvg'Ej cpi g'Uq'Rgqrng'Y km'Nkwgpö* (The Atlantic Monthly Magazine, Sept. 2014)

Eric Holthaus, *ōVj g'Rqkp'qhPq'Tgwt p<Erko cvg'Ej cpi g'Pki j w ct gu'Ct g"* *Ct gcf { 'J gt gö* (Rolling Stone Magazine, Aug. 5, 2015)

Joel Achenbach, “*Y j { 'F q' O cp { 'Tgcuqpc dng'Rgqr ng'F qwdv'UekpegAö*” (National Geographic Magazine, Mar. 2015)

Viewing: “Climate Change 101 With Bill Nye the Science Guy” (smithsonianmag.com)

“John Oliver, Climate Change and the existence of Jesus” (Last Week Tonight with John Oliver, Feb. 9, 2015)

April 16 Conference Efforts Leading up to United Nations Climate Change Conference in Paris (COP 21): UNFCCC, Kyoto, Copenhagen, Obama Administration 2014 Agreement with China. Obama executive orders and Clean Power Plan. China’s changing views on climate and current air pollution crisis. India, development, coal and alternative energy.

Reading: *The Global Environment*, Ch. 6 pp. 138-142; Ch. 10 pp. 234-254.

Coral Davenport, “*A Clio cvg'F gcn'8'Hcvghwi[gct u'kp'vj g'O cmkpi ö*” (New York Times, Dec. 13, 2015)

April 18 Paris Agreement (COP 21): How does the Paris Agreement work? Why is the Agreement structured the way it is? Significance of goal and “All in” strategy. How the major provisions reflect art of compromise. NDCs, “name and shame,” loss and damage, climate finance.

Reading: “Nations Approve Landmark Climate Agreement in Paris,” New York Times (December 12, 2015)

“What Does a Climate Deal Mean for the World?” New York Times (December 12, 2015)

“Inside the Paris Climate Deal,” New York Times (December 12, 2015)

“Climate Accord is a Healing Step if Not a Cure,” New York Times (December 12, 2015)

“Paris Climate Change Agreement: The Deal at a Glance,” The Telegraph (December 12, 2015)

Robinson Meyer, “A Reader’s Guide to the Paris Agreement” (The Atlantic Monthly Dec 16, 2015)

April 23 Trump Administration and Paris Agreement: What does Trump Administration policy mean for climate change and U.S. participation in the Paris Agreement? How is the rest of the world reacting?

Reading: “Donald Trump and the Triumph of Climate Change Denial” (The Atlantic Monthly, Dec. 25, 2016)

“The World’s Nations Vow to Move Forward with the Paris Agreement, With or Without Donald Trump” Living on Earth (PRI, Dec. 4, 2016)

Isabel Hilton, “China Emerges as Global Climate Leader in Wake of Trump’s Triumph” (The Guardian, Nov. 22, 2016)

Geeta Anand, “India, Once a Coal Goliath, Turns Green” (The New York Times, June 2, 2017)