

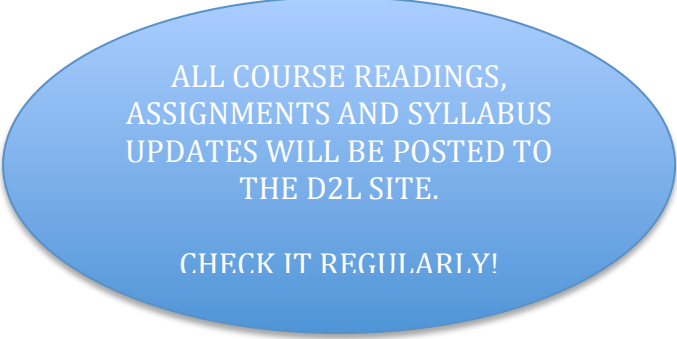
Environmental Studies 260  
Environmental Studies: Ideas and Institutions  
Fall 2016

Bio West, Room 219

12:30-1:45 pm T&Th

**Instructor:** Professor Andrea K. Gerlak  
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Office Hours: Thursdays, 2pm-4pm

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ALL COURSE READINGS,  
ASSIGNMENTS AND SYLLABUS  
UPDATES WILL BE POSTED TO  
THE D2L SITE.

CHECK IT REGULARLY!

### Course Description

Welcome to EVS 260!

EVS 260 explores key ideas, individuals and institutions that have shaped environmental studies and policies in the US and globally. This is a required core course for the BA in Environmental Studies at the University of Arizona and is also taken as part of the Sustainable Built Environments undergraduate degree. As such, it is intended as an intermediate level course in environment and society that provides students with an understanding of some of the key thinkers and issues that have shaped our understanding of the environment, and serves as an introduction to the most important policies and organizations that have shaped management of the environment. We will do this through a focus on iconic problems that have been at the core of environmental debates ranging from attempts to halt the loss of biodiversity and protect public land to climate change and different approaches to managing pollution.

### Objectives

This course seeks to provide an introduction to core environmental issues and how these have been debated over time. In the process it is intended to help you read critically, write effectively, and to reflect on your own environmental concerns in relation to the analytical and political perspectives that have been brought to bear on these issues over time. Through extensive exposure to environmental issues, solutions and institutions, the course will help prepare you for a professional career relating to environmental management and policy. After participating in this course, you will be able to:

- Identify the contributions and perspectives of individuals who have had an enduring impact on environmental study and policy in the US and internationally (e.g., Rachel Carson, Aldo Leopold, Chico Mendes, Vandana Shiva, Marjory Douglas Stoneman).
- Describe the emergence of important environmental institutions and organizations in the US (e.g. National Parks Service, Environmental Protection Agency) and environmental policies (e.g. Clean Water Act, Endangered Species Act) and

- internationally (e.g. UNEP, GEF).
- Characterize the non-governmental institutions active in the environmental movement.
  - Explain the relationship between key environmental problems, internationally coordinated responses to global issues (e.g. the Kyoto Protocol), and the creation of global institutions and organizations established to inform or manage them (e.g. Intergovernmental Panel on Climate Change).
  - Compare and contrast the social causes, impacts, and responses to various environmental concerns (e.g. deforestation, water pollution, climate change).
  - Define and put to use key environmental concepts (e.g. conservation, biodiversity, the commons, environmental justice, sustainable development).

### **Course Format**

There are two weekly class sessions. Participation and attendance are required. These sessions will include a combination of lectures, class discussions, writing assignments and exercises completed outside of class. We will bring in some guest speakers from across campus in order to provide a window into the range of expertise and perspectives on environmental studies at UA. Students taking this class will be asked to answer questions in class, and participate actively in assignments outside of class.

### **Course Materials**

There is no required textbook for this course. All required reading and/or visual media will be posted on the course D2L site at least one week in advance of the class meeting for which they are assigned. Students are expected to complete the required reading in preparation for the class meeting. Some assignments will require extra readings (such as journal articles, books or news stories) to be completed.

### **Course Assignments, Attendance and Grading**

The course grade will be based on in-class exercises & short assignments, a mid-term exam, two essays, and a final Sustainability paper. The midterm exam will cover material from the readings, lectures, and other audiovisual sources.

According to university policy, class attendance is mandatory. You should make every effort to attend lectures. Students who miss class without an excused absence will be unable to make up these exercises.

*Note:* Excused absences will include all holidays or special events observed by organized religions and will be honored for students who show religious affiliation in advance. Additionally, absences pre-approved by the University of Arizona Dean of Students or those pre-approved by the instructor will be honored as well.

Please keep in mind that attendance implies full participation – the success of this course requires your attention and active participation with the instructor and your colleagues.

You are expected to complete assignments on time. Late assignments will be penalized 10% for each day they are late.

### Grading Summary

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In-class exercises & short assignments	20 points
Essay #1	20 points
Mid-term Exam	20 points
Essay #2	20 points
Sustainability paper	20 points
<b>Total</b>	<b>100 points 100%</b>

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### Extra Credit

- Attend up to 2 pre-approved public lectures or events and write one page summary and reaction paper
  - 1 point each for possible 2% increase in your grade
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Assignments will not be graded on a “curve.” Verbal participation in discussions as well as in lecture also plays a part in your final grade. Submitted assignments are expected to represent the highest possible level of scholarship; neatness, accuracy and academic integrity will be considered when assigning grades. Course grades will be assigned on the student’s proportion of total points based on the standard percentages: 90+ (A), 80-89 (B), 70-79 (C), 60-69 (D), and below 60 (E) grading scale.

Short Assignments and Essays	Due dates
Examining Environmental Values Assignment	Thursday, September 1 <sup>st</sup>
Environmental Racism and Justice Cases Assignment	Tuesday, September 20 <sup>th</sup>
Essay #1	Thursday, September 29 <sup>th</sup>
What’s for Dinner? Assignment	Thursday, October 6 <sup>th</sup>
Local Environmental Organizations Assignment	Tuesday, October 25 <sup>th</sup>
Essay #2	Thursday, November 10 <sup>th</sup>
Climate Change Adaptation Assignment	Thursday, November 17 <sup>th</sup>
Sustainability paper	Friday, December 9 <sup>th</sup>

## Course Policies

**Electronic equipment in class (Laptops, phones etc.):** Students who inappropriately use laptops and phones in the classroom distract other students and disadvantage their own ability to learn. You may use a laptop only to take notes in class. Cell phones should be put on silent.

**Academic Integrity:** Students are encouraged to share their views and discuss course material with each other. Study groups for exams are often helpful. But all graded work must be done independently (unless otherwise specified) and you are expected to adhere to the UA Code of Academic Integrity (<http://dos.web.arizona.edu/uapolicies/cai2.html>).

This Code prohibits all forms of academic dishonesty, including, but not limited to:

- Cheating, fabrication, facilitating academic dishonesty, and plagiarism as set out and defined in the Student Code of Conduct, ABOR Policy 5-308-E.6, E.10, and F.1
- Submitting an item of academic work that has previously been submitted or simultaneously submitted without fair citation of the original work or authorization by the faculty member supervising the work
- Violating required disciplinary and professional ethics rules contained or referenced in the student handbooks (hardcopy or online) of undergraduate or graduate programs, or professional colleges
- Assisting or attempting to assist another to violate this Code

**Learning Assistance:** Our goal in this classroom is that learning experiences be as accessible as possible. Students needing special accommodation or services should contact the Disability Resources Center (1224 East Lowell, Tucson AZ 85721, 520 621 3268 or [uadrc@email.arizona.edu](mailto:uadrc@email.arizona.edu)). You must register and request that the DRC send official notification of your needs as soon as possible. You should also meet with me or email me so that we can discuss your needs.

**Threatening behavior:** Threatening behavior is prohibited in the classroom and will be reported. "Threatening behavior" is defined by UA to mean any statement, communication, conduct or gesture, including those in written form, directed toward any member of the University community that causes a reasonable apprehension of physical harm to a person or property. A student can be guilty of threatening behavior even if the person who is the object of the threat does not observe or receive it, so long as a reasonable person would interpret the maker's statement, communication, conduct or gesture as a serious expression of intent to physically harm. See <http://policy.arizona.edu/education-and-student-affairs/threatening-behavior-students>

The University is committed to creating and maintaining an environment free of discrimination. See <http://policy.arizona.edu/human-resources/nondiscrimination-and-anti-harassment-policy>

<p><b>NOTE: All information in this syllabus may be subject to change at the discretion of the instructor.</b></p>
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**DETAILED COURSE SCHEDULE AND READINGS (SUBJECT TO CHANGE)**

Date	Topic	Readings (and resources)
Tues Aug 23 <sup>rd</sup>	INTRODUCTION TO COURSE	
Thurs Aug 25 <sup>th</sup>	ENVIRONMENTAL IDEAS Environmental attitudes and their origins	<ul style="list-style-type: none"> <li>○ Jones, Jeffrey M. 2015 In U.S., Concern About Environmental Threats Eases. <i>Gallup</i>. <a href="http://www.gallup.com/poll/182105/concern-environmental-threats-eases.aspx">http://www.gallup.com/poll/182105/concern-environmental-threats-eases.aspx</a></li> <li>○ Swift, Art. 2014. Americans Again Pick Environment Over Economic Growth. <i>Gallup</i>. <a href="http://www.gallup.com/poll/168017/americans-again-pick-environment-economic-growth.aspx">http://www.gallup.com/poll/168017/americans-again-pick-environment-economic-growth.aspx</a></li> <li>○ Saad, Lydia and Jeffrey M. Jones. 2016. U.S. Concern About Global Warming at Eight-Year High. <i>Gallup</i>. <a href="http://www.gallup.com/poll/190010/concern-global-warming-eight-year-high.aspx">http://www.gallup.com/poll/190010/concern-global-warming-eight-year-high.aspx</a></li> </ul>
Tues Aug 30 <sup>th</sup>	FIERCE GREEN FIRE I	<ul style="list-style-type: none"> <li>○ A Fierce Green Fire: The Battle for a Living Planet (film) <a href="http://www.afiercegreenfire.com">http://www.afiercegreenfire.com</a></li> </ul>
Thurs Sept 1 <sup>st</sup>	FIERCE GREEN FIRE II The history of US conservation and pollution control  Guest lecture: Margaret Wilder	<ul style="list-style-type: none"> <li>○ Guha, R. 2000. The paradox of global environmentalism. <i>Current History</i> 99(640): 36.</li> <li>○ Leopold, Aldo. 1948. "Thinking Like a Mountain" and "The land ethic." In <i>A Sand County Almanac</i>. NY: Oxford University Press.</li> </ul>
Tues, Sept 6 <sup>th</sup>	AMERICA'S BEST IDEA Origins and conflicts over the US National Parks	<ul style="list-style-type: none"> <li>○ Abbey, Edward. 1968. "Industrial Tourism and the National Parks." In <i>Desert Solitaire</i>. McGraw-Hill Publishers.</li> <li>○ Muir, John. 1901. "The Wild Parks and Forest Reservations of the West." In <i>Our National Parks</i>. <a href="http://vault.sierraclub.org/john_muir_exhibit/writings/our_national_parks/chapter_1.aspx">http://vault.sierraclub.org/john_muir_exhibit/writings/our_national_parks/chapter_1.aspx</a></li> <li>○ The <i>New York Times</i>. 2009. What's Wrong with the National Parks (joint editorial)</li> </ul>
Thurs Sept 8 <sup>th</sup>	SPOTTED OWLS AND JAGUARS Public land, forests and endangered species	<ul style="list-style-type: none"> <li>○ Rice, Nathan. 2013. Seeking balance in Oregon's Timber Country. <i>High Country News</i>. May 6.</li> <li>○ Mahler, Richard. 2016. The tenuous fate of the Southwest's last jaguars. <i>High Country News</i>. May 30<sup>th</sup>. <a href="https://www.hcn.org/issues/48.9/the-tenuous-fate-of-the-southwests-last-jaguars">https://www.hcn.org/issues/48.9/the-tenuous-fate-of-the-southwests-last-jaguars</a></li> </ul>

Tues Sept 13 <sup>th</sup>	SACRED COWS Conflicts and collective action on rangelands	<ul style="list-style-type: none"> <li>o Riebsame, William E. 1996. Ending the Range Wars? <i>Environment: Science and Policy for Sustainable Development</i> 38(4): 4–29.</li> <li>o Sheridan, Tom. 2007. Embattled Ranchers, Endangered Species, and Urban Sprawl: The Political Ecology of the New American West. <i>Annual Review of Anthropology</i> 36.</li> <li>o York, Abigail and Michael L. Schoon. 2011. Collective action on the western range: coping with external and internal threats. <i>International Journal of the Commons</i> 5(2).</li> </ul>
Thurs Sep 15 <sup>th</sup>	SILENT SPRINGS AND TOXIC CLOUDS Air, land and water pollution in the US	<ul style="list-style-type: none"> <li>o Griswold, Eliza. 2012. How ‘Silent Spring’ Ignited the Environmental Movement. <i>New York Times</i>, Sept. 21.</li> <li>o Carson, Rachel 1962. Excerpts from <i>Silent Spring</i>. Houghton. <a href="http://www.rachelcarson.org/">http://www.rachelcarson.org/</a></li> <li>o Salzman, James. 2012. How We Cleaned Up Unbelievably, Grotesquely, Flamingly Polluted Rivers. <i>Slate</i>, Dec. 10.</li> <li>o NRDC. 2013. <i>An introduction to federal environmental policy</i>. <a href="https://www.nrdc.org/sites/default/files/policy-basics-full.pdf">https://www.nrdc.org/sites/default/files/policy-basics-full.pdf</a></li> </ul>
Tues Sep 20 <sup>th</sup>	POLLUTING THE POOR AND ENVIRONMENTAL RACISM Environmental justice, equity and human health	<ul style="list-style-type: none"> <li>o Bullard, Robert D. 1994. Overcoming Racism in Environmental Decision-making. <i>Environment: Science and Policy for Sustainable Development</i> 36(4): 10–44.</li> <li>o Sinha, Indra. 2008. Why I’m going on hunger strike for Bhopal. <i>The Guardian</i>, June 12. <a href="https://www.theguardian.com/commentisfree/2008/jun/12/india">https://www.theguardian.com/commentisfree/2008/jun/12/india</a></li> <li>o Clarke, Jeanne N. and Andrea K. Gerlak. 1998. Environmental Racism in the Sunbelt: A Cross-Cultural Analysis. <i>Environmental Management</i> 22(6): 857-867.</li> </ul>
Thurs Sept 22 <sup>nd</sup>	DIVIDING THE WATERS Allocating and managing water in the American West	<ul style="list-style-type: none"> <li>o Postel, Sandra and Richter, Brian. 2003. “Where have all the rivers gone?” In <i>Rivers for Life: Managing Water for People and Nature</i>. Island Press, pp. 1-41.</li> <li>o Jenkins, Matt. 2015. The water czar who reshaped Colorado River politics. <i>High Country News</i>, March 2. <a href="https://www.hcn.org/issues/47.4/the-water-czar-who-reshaped-colorado-river-politics">https://www.hcn.org/issues/47.4/the-water-czar-who-reshaped-colorado-river-politics</a></li> <li>o Rostom, Eric. 2016. Nestlé Discovers Water in the Arizona Desert, and Bottles It. <i>Bloomberg News</i>, June 29. <a href="http://www.bloomberg.com/news/articles/2016-06-29/nestl-discovers-water-in-the-arizona-desert-and-bottles-it">http://www.bloomberg.com/news/articles/2016-06-29/nestl-discovers-water-in-the-arizona-desert-and-bottles-it</a></li> <li>o Gleick, Peter. 2010. Roadmap for sustainable water resources in southwestern North America. <i>PNAS</i> 107(50).</li> </ul>
Tues Sept 27 <sup>th</sup>	Case Study: COLLABORATIVELY MANAGING THE FLORIDA	<ul style="list-style-type: none"> <li>o Douglas, Marjory Stoneman. 1947. “The Nature of the Everglades.” In <i>The Everglades: River of Grass</i>. Rinehart &amp; Co., pp. 5-56.</li> <li>o Grunwald, Michael. 2006. “Something for Everyone.”</li> </ul>

	EVERGLADES	<p>In <i>The Swamp: The Everglades, Florida, and the Politics of Paradise</i>. Simon and Schuster, pp. 304-332.</p> <ul style="list-style-type: none"> <li>○ U.S. National Park Service. Welcome to the Everglades National Park at <a href="http://www.national-park.com/welcome-to-everglades-national-park/">http://www.national-park.com/welcome-to-everglades-national-park/</a></li> </ul>
Thurs Sept 29 <sup>th</sup>	<p>THE BLAME GAME Population, consumption or technology</p> <p>Guest lecture: Diana Liverman</p>	<ul style="list-style-type: none"> <li>○ Ehrlich, Paul R., and John P. Holdren. 1971. Impact of Population Growth. <i>Science</i> 171(3977): 1212–1217.</li> <li>○ Haberman, Clyde. 2015. The Unrealized Horrors of Population Explosion. <i>New York Times</i>, May 31. <a href="http://www.nytimes.com/2015/06/01/us/the-unrealized-horrors-of-population-explosion.html">http://www.nytimes.com/2015/06/01/us/the-unrealized-horrors-of-population-explosion.html</a> [Watch the video]</li> <li>○ Bongaarts, John. 2016. <i>Global Fertility and Population Trends</i>. NY: The Population Council.</li> </ul>
Tues Oct 4 <sup>th</sup>	<p>FEEDING THE WORLD Agriculture, Green Revolution and alternative food systems</p> <p>Guest lecture: Christina Greene</p>	<ul style="list-style-type: none"> <li>○ Godfray, H. C. J., et al. 2010. Food security: The challenge of feeding 9 billion people. <i>Science</i> 327(5967): 812-818.</li> <li>○ Pollan, Michael. 2007. Unhappy Meals. <i>The New York Times</i>, Jan 28, 2007. <a href="http://www.nytimes.com/2007/01/28/magazine/28nutritionism.t.html">http://www.nytimes.com/2007/01/28/magazine/28nutritionism.t.html</a></li> <li>○ Royte, Elizabeth. 2009. Street Farmer, Will Allen. <i>New York Times Magazine</i>. <a href="http://www.nytimes.com/2009/07/05/magazine/05allen-t.html">http://www.nytimes.com/2009/07/05/magazine/05allen-t.html</a></li> <li>○ Specter, Michael. 2014. Seeds of Doubt. <i>New York Times Magazine</i> <a href="http://www.newyorker.com/magazine/2014/08/25/seeds-of-doubt">http://www.newyorker.com/magazine/2014/08/25/seeds-of-doubt</a></li> <li>○ A Conversation with Gary Paul Nabhan. 2016. <i>Tucson as a UNESCO City of Gastronomy</i>. <a href="http://www.garynabhan.com/news/2016/02/a-conversation-with-gary-paul-nabhan/">http://www.garynabhan.com/news/2016/02/a-conversation-with-gary-paul-nabhan/</a></li> </ul>
Thurs Oct 6 <sup>th</sup>	Case Study: RESTORING THE COLORADO RIVER DELTA	<ul style="list-style-type: none"> <li>○ Gerlak, Andrea K., Francisco Zamora-Arroyo, and Hannah P. Kahler. 2013. A Delta in Repair: Restoration, Binational Cooperation, and the Future of the Colorado River Delta. <i>Environment: Science and Policy for Sustainable Development</i> 55(3): 29-40.</li> <li>○ National Geographic. 2014. <i>Saving the Colorado River Delta, One Habitat at a Time</i>. <a href="http://news.nationalgeographic.com/news/special-features/2014/12/141216-colorado-river-delta-restoration-water-drought-environment/">http://news.nationalgeographic.com/news/special-features/2014/12/141216-colorado-river-delta-restoration-water-drought-environment/</a></li> <li>○ Raise the River: Reconnect the Colorado River. <a href="http://raisetheriver.org/">http://raisetheriver.org/</a></li> </ul>
Tues Oct 11 <sup>th</sup>	MIDTERM EXAM REVIEW	
Thurs Oct 13 <sup>th</sup>	MIDTERM EXAM	



Tues Oct 18 <sup>th</sup>	INTERNATIONAL ENVIRONMENTAL POLICY Stockholm to Rio+20	<ul style="list-style-type: none"> <li>○ Biermann et al. 2012. Navigating the Anthropocene: Improving Earth System Governance. <i>Science</i> 335: 1306-1307.</li> <li>○ Conca, Ken. 2012. The Rise of the Region in Global Environmental Politics. <i>Global Environmental Politics</i> 12(3): 127-133.</li> </ul>
Thurs Oct 20 <sup>th</sup>	DEVELOPMENT AND SUSTAINABILITY Fighting poverty and setting global goals	<ul style="list-style-type: none"> <li>○ Sachs, Jeffrey D. 2012. From Millennium Development Goals to Sustainable Development Goals. <i>Lancet</i> 379: 2206–11.</li> <li>○ United Nations. 2015. <i>Transforming our world: the 2030 Agenda for Sustainable Development</i> <a href="https://sustainabledevelopment.un.org/post2015/transformingourworld">https://sustainabledevelopment.un.org/post2015/transformingourworld</a></li> </ul>
Tues Oct 25 <sup>th</sup>	EXPLOITING THE MARINE COMMONS Fisheries and the problem of the commons	<ul style="list-style-type: none"> <li>○ Hardin, G. 1968. The tragedy of the commons. The population problem has no technical solution; it requires a fundamental extension in morality. <i>Science</i> 162: 1243-8.</li> <li>○ Ostrom, E., J. Burger, C. B. Field, R. B. Norgaard &amp; D. Policansky. 1999. Revisiting the Commons: Local Lessons, Global Challenges. <i>Science</i> 284: 278-282.</li> <li>○ Johnson, Maria. 2015. By Catching Shrimp: Mexico's shrimp trawlers are decimating gulf ecosystems and bottoming out already fragile fisheries. <i>Edible Baja</i> Issue 15. <a href="http://ediblebajaarizona.com/by-catching-shrimp">http://ediblebajaarizona.com/by-catching-shrimp</a></li> </ul>
Thurs Oct 27 <sup>th</sup>	PROTECTING OCEAN ECOSYSTEMS Marine conservation from whales to MPAs	<ul style="list-style-type: none"> <li>○ Roberts, Susan J., and Kenneth Brink. 2010. Managing Marine Resources Sustainably. <i>Environment: Science and Policy for Sustainable Development</i> 52(4): 44–52.</li> <li>○ White, Adia. Remember the Menhaden! How the fish that built America could be poised for an eco-friendly comeback. <i>Pacific Standard</i>. <a href="https://psmag.com/remember-the-menhaden-c37eadde3004#.5bxd8hzbfb">https://psmag.com/remember-the-menhaden-c37eadde3004#.5bxd8hzbfb</a></li> </ul>
Tues Nov 1 <sup>st</sup>	FATE OF THE TROPICAL FORESTS Deforestation, activism and the environmentalism of the poor	<ul style="list-style-type: none"> <li>○ Human Rights Watch. 1990. <i>On Trial in Brazil: Rural Violence and the Murder of Chico Mendes</i>. <a href="https://www.hrw.org/reports/pdfs/b/brazil/brazil90d.pdf">https://www.hrw.org/reports/pdfs/b/brazil/brazil90d.pdf</a></li> <li>○ Maathai, Wangari. 2006. <i>Unbowed: A Memoir</i>. Knopf Publishers, pp. 291-296.</li> </ul>
Thurs Nov 3 <sup>rd</sup>	SOLUTIONS FOR BIODIVERSITY CONSERVATION Regulation, markets and communities	<ul style="list-style-type: none"> <li>○ Jenkins, M. et al. 2004. Markets for biodiversity services: potential and challenges. <i>Environment: Science and Policy for Sustainable Development</i> 46(6): 37-47.</li> <li>○ Goldman, Rebecca L. Ecosystem Services: How People Benefit from Nature. <i>Environment: Science and Policy for Sustainable Development</i> 52(5): 15–23.</li> </ul>
Tues Nov 8 <sup>th</sup>	GLOBAL WATER CRISIS? Security, human rights and NGOs	<ul style="list-style-type: none"> <li>○ Gerlak, A. and M. Wilder. 2012. Exploring the Textured Landscape of Water Insecurity and the Human Right to Water. <i>Environment: Science and Policy for Sustainable Development</i> 54(2): 4-17.</li> <li>○ Karunanathan, Meera. 2015. The human right to</li> </ul>



		<p>water: Salvadoran NGOs and a global campaign. <i>The Guardian</i>. March 25.</p> <p><a href="https://www.theguardian.com/global-development-professionals-network/2015/mar/25/human-right-water-salvadoran-ngos-global-campaign">https://www.theguardian.com/global-development-professionals-network/2015/mar/25/human-right-water-salvadoran-ngos-global-campaign</a></p>
Thurs Nov 10 <sup>th</sup>	<p>ACTING RESPONSIBLY? Business CSR and the environment</p>	<ul style="list-style-type: none"> <li>○ Hoffman, Andrew J. 2000. Integrating Environmental and Social Issues into Corporate Practice. <i>Environment: Science and Policy for Sustainable Development</i> 42(5): 22–33.</li> <li>○ Auld, G, Steven Bernstein, and Benjamin Cashore. 2008. The New Corporate Social Responsibility. <i>Annual Review of Environment and Resources</i> 33: 413 -435.</li> <li>○ Martín, Hugo. 2012. Outdoor retailer Patagonia puts environment ahead of sales growth. <i>Los Angeles Times</i>, May 24.</li> </ul> <p><a href="http://articles.latimes.com/2012/may/24/business/la-fi-patagonia-20120525">http://articles.latimes.com/2012/may/24/business/la-fi-patagonia-20120525</a></p>
Tues Nov 15 <sup>th</sup>	<p>CHANGING CLIMATES International Negotiations and Climate Discourses</p>	<ul style="list-style-type: none"> <li>○ Le Page, Michael. 2011. Climate Change: What We Know and What We Don't Know. <i>New Scientist</i> 212(2835): 36-43.</li> <li>○ Council on Foreign Relations. 2012. The Global Climate Change Regime. <a href="http://www.cfr.org/climate-change/global-climate-change-regime/p21831">http://www.cfr.org/climate-change/global-climate-change-regime/p21831</a></li> <li>○ Dimitrov, Radoslav S. 2016. The Paris Agreement on Climate Change: Behind Closed Doors. <i>Global Environmental Politics</i> 16:3.</li> </ul>
Thurs Nov 17 <sup>th</sup>	<p>ADAPTING TO A CHANGING CLIMATE Cities, Communities and (in)Justices</p>	<ul style="list-style-type: none"> <li>○ Castillo, Andrea. 2016. Fresno's Hmong farmers suffer in drought as wells on rented land go dry. <i>Fresno Bee</i>, August 12.</li> </ul> <p><a href="http://www.fresnobee.com/news/business/agriculture/article95379677.html">http://www.fresnobee.com/news/business/agriculture/article95379677.html</a></p> <ul style="list-style-type: none"> <li>○ Wilder, M., D. M. Liverman, L. Bellante, and T. Osborne. 2016. Southwest Climate Gap: Poverty and Environmental Justice in the U.S. Southwest. <i>Local Environment</i> 1-22.</li> <li>○ Shi, Linda et al. 2016. Roadmap towards justice in urban climate adaptation research. <i>Nature Climate Change</i> 6, 131–137.</li> </ul>
Tues Nov 22 <sup>nd</sup>	<p>HOT SPOT FOR CHANGE Climate change and the Southwest</p> <p>Guest Lecture: Dan Ferguson</p>	<ul style="list-style-type: none"> <li>○ Overpeck, J. et al. 2013. "Summary for Decision Makers." In <i>Assessment of Climate Change in the Southwest United States: A Report Prepared for the National Climate Assessment</i>. A report by the Southwest Climate Alliance. Washington, DC: Island Press, pp. 1-20.</li> </ul>
Thurs Nov 24 <sup>th</sup>	THANKSGIVING BREAK	
Tues Nov 29 <sup>th</sup>	<p>ART AND THE ENVIRONMENT</p>	<ul style="list-style-type: none"> <li>○ Buckland, D. 2012. <i>Climate is culture</i>. Nature Publishing Group, pp. 137–140.</li> </ul>

	<p>Novel ways of knowing the world</p> <p>Guest Lecture: Eric Magrane</p>	<ul style="list-style-type: none"> <li>Magrane, Eric &amp; Chris Cokinos, eds. 2016. <i>The Sonoran Desert: A Literary Field Guide</i>. Tucson: University of Arizona Press, pp. 46-52.</li> </ul>
Thurs Dec 1 <sup>st</sup>	<p>CAMPUS SUSTAINABILITY</p> <p>Greening the U of A</p> <p>Guest Lecture: Ben Champion</p>	<ul style="list-style-type: none"> <li>Sustainability at the University of Arizona <a href="http://sustainability.arizona.edu/">http://sustainability.arizona.edu/</a></li> </ul>
Tues Dec 6 <sup>th</sup>	<p>PATHWAYS FORWARD</p> <p>Leadership, Adaptability and Hope</p>	<ul style="list-style-type: none"> <li>UNEP, Champions of the Earth <a href="http://web.unep.org/champions">http://web.unep.org/champions</a></li> <li>Solnit, Rebecca. 2013. The Future Needs Us. TomDispatch. Dec. 22. <a href="http://www.tomdispatch.com/blog/175788/tomgram%3A_rebecca_solnit_the_future_needs_us">http://www.tomdispatch.com/blog/175788/tomgram%3A_rebecca_solnit_the_future_needs_us</a></li> </ul>
Thurs Dec 8 <sup>th</sup>	READING DAY	