

SOCI 360: SOCIOLOGY AND NATURAL RESOURCES

Winter Term 2, 2014-15
Tuesday & Thursday 11am-12:30am; ANSO 207

Instructor: Georgia Piggot
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Course Description: This course will focus on the relationship between human societies and natural resources. Classes will emphasise different theoretical approaches that sociologists have developed to understand the interaction between society and the natural environment, and will apply these theories to contemporary natural resources issues.

Course Schedule & Readings: There is no required textbook for this course. We will read and discuss the articles listed in the syllabus below. Links to electronic copies of these articles are posted on Connect (<http://elearning.ubc.ca/connect/>) under the *Library Course Reserves* tab.

Week	Date	Topic	Readings
1	Jan 6	Introduction	No required reading
	Jan 8	Society and natural resources	Steffen, W., Persson, Å., Deutsch, L., Zalasiewicz, J., Williams, M., Richardson, K., ... Svedin, U. (2011). The Anthropocene: From global change to planetary stewardship. <i>AMBIO</i> , 40(7), 739-761.
<i>Human Drivers of Resource Use: A Critical Look</i>			
2	Jan 13	Population	Bell, M. (2011). Population and development. In <i>An Invitation to Environmental Sociology</i> (pp. 95-122). Thousand Oaks, CA: Sage Publications.
	Jan 15	Development	McClaren, D. (2003). Environmental space, equity and the ecological debt. In J. Agyeman, R.D. Bullard, & B. Evans (Eds.), <i>Just Sustainabilities: Development in an Unequal World</i> (pp. 19-37). Cambridge, MA: MIT Press Dietz, T., & Jorgenson, A. K. (2014). Towards a new view of sustainable development: human well-being and environmental stress. <i>Environmental Research Letters</i> , 9(3), 031001.
3	Jan 20	Consumption	Shove, E., & Warde, A. (2002). Inconspicuous consumption: The sociology of consumption, lifestyles, and the environment. In R. Dunlap, F. Buttel, P. Dickens, & A. Gijswijt (Eds.), <i>Sociological Theory and the Environment</i> (pp. 230-251). Lanham, MD: Rowman and Littlefield. <i>Please calculate your environmental footprint prior to class at www.myfootprint.org (Note for the calculation: British Columbia produces approximately 90% of its electricity from renewable sources)</i>
	Jan 22	Management	Hardin, G. (1968). The tragedy of the commons. <i>Science</i> , 162, 1243-1248. Dietz, T., Ostrom, E., & Stern, P. (2003). The struggle to govern the commons. <i>Science</i> , 302, 1907-1912.

<i>Sociological Perspectives on Natural Resources</i>			
4	Jan 27	New environmental paradigm	Catton W., & Dunlap, R. (1978). Environmental sociology: A new paradigm. <i>The American Sociologist</i> , 13(1), 41-49.
	Jan 29	Social construction of nature	Hannigan, J. (2014). Social construction of environmental issues and problems. In <i>Environmental Sociology</i> (pp. 50-71). New York, NY: Routledge.
5	Feb 3	Metabolic rift	Foster, J.B. (1999). Marx's theory of the metabolic rift: Classical foundation for environmental sociology. <i>American Journal of Sociology</i> , 105, 366-405.
	Feb 5	Treadmill of production	Gould, K., Pellow, D., & Schnaiberg, A. (2004). Interrogating the treadmill of production: Everything you wanted to know about the treadmill but were afraid to ask. <i>Organization & Environment</i> , 17(3), 296-316.
	<i>Friday February 6th</i>		<i>Assignment 1 (Policy Brief) Due 4PM</i>
6	Feb 10	Ecological modernisation	Mol, A., & Spaargaren, G. (2009). Ecological modernization and industrial transformation. In N. Castree (Ed.), <i>A Companion to Environmental Geography</i> (pp. 253-265). Malden, MA: Wiley-Blackwell.
	Feb 12	Risk	Perrow, C. (1984). Introduction. In <i>Normal Accidents: Living with High Risk Technologies</i> (pp. 3-14). Princeton, NJ: Princeton University Press. Beck, U. (1992). From industrial society to the risk society: Questions of survival, social structure and ecological enlightenment. <i>Theory, Culture and Society</i> , 9, 97-123.
<i>Feb 16-20: Reading Break</i>			
7	Feb 24	Mid-term review	No required reading
	Feb 26	Mid-term exam	No required reading
8	Mar 3	Ecologically unequal exchange	Rice, J. (2007). Ecological unequal exchange: Consumption, equity, and unsustainable structural relationships within the global economy. <i>International Journal of Comparative Sociology</i> , 48(1), 43-72.
	Mar 5	Environmental justice	Mohai, P., Pellow, D., & Roberts, J. T. (2009). Environmental justice. <i>Annual Review of Environment and Resources</i> , 34, 405-430.
9	Mar 10	Resource dependence	Stedman, R. C., Parkins, J. R., & Beckley, T. M. (2004). Resource dependence and community well-being in rural Canada. <i>Rural Sociology</i> , 69(2), 213-234.
	Mar 12	Gender	Dankleman, I. (2005). Environment and sustainable development. In P. Essed, D. Goldberg, & A. Kobayashi (Eds.), <i>A Companion to Gender Studies</i> (pp. 457-466). Malden, MA: Wiley-Blackwell.
10	Mar 17	Values & Ideologies	Dietz, T., Fitzgerald, A., & Shwom, R. (2005). Environmental values. <i>Annual Review of Environment and Resources</i> , 30(1), 335-372.
	Mar 19	Attitudes & Behaviours	Kollmuss, A., & Agyeman, J. (2002). Mind the Gap: Why do people act environmentally and what are the barriers to pro-environmental behavior? <i>Environmental Education Research</i> , 8(3), 239-260.

11	Mar 24	Science & Knowledge	Young, N. (2015). Science and knowledge. In <i>Environmental Sociology for the Twenty-First Century</i> (pp.). Don Mills, ON: OUP Canada.
	Mar 26	Environmental movements	Rootes, C., & Brulle, B. (2013). Environmental movements. In D. Snow, D. Della Porta, B. Klandermans, & D. McAdam (Eds.), <i>Wiley-Blackwell Encyclopedia of Social and Political Movements</i> (pp. 413-419). Malden, MA: Wiley-Blackwell.
	Friday March 27th		Assignment 2 (Essay) Due 4PM
Application to Natural Resource Issues			
12	Mar 31	Application 1: Climate change	Intergovernmental Panel on Climate Change (2014). <i>Fifth Assessment Report (AR5) –Synthesis Report Summary For Policy-Makers</i> . Online: http://www.ipcc-syr.nl/
	Apr 2	Application 2: Water	Oelkers, E. H., Hering, J. G., & Zhu, C. (2011). Water: Is there a global crisis? <i>Elements</i> , 7(3), 157-162.
13	Apr 7	Application 3: Food	Godfray, H. C. J., Beddington, J. R., Crute, I. R., Haddad, L., Lawrence, D., Muir, J. F., ... Toulmin, C. (2010). Food security: The challenge of feeding 9 billion people. <i>Science</i> , 327(5967), 812–818. Holt-Giménez, E. (2011). Food security, food justice, or food sovereignty. Crises, food movements, and regime change. In, Alkon, A., & Agyeman, J. (Eds.) <i>Cultivating Food Justice: Race, Class, and Sustainability</i> (pp. 309-330). Cambridge, MA: MIT Press.
	Apr 9	Review	No required reading
<i>April 14-29: Final Exam Period</i>			

Course Assessment: Assessment for this course will consist of two assignments, an in-class midterm, a final exam, and a participation grade:

Assignment 1: Policy brief	(10%)	Due 4pm Friday February 6
Mid-term exam	(25%)	In-class Thursday February 26
Assignment 2: Essay	(25%)	Due 4pm Friday March 27
Final Exam	(35%)	Date TBA (Final Exam Period: April 14-29)
Participation:	(5%)	

Assignments: The first assignment will be a short policy brief (2 pages) describing a driver of natural resource consumption. The second assignment will be an essay (6-8 pages) that applies sociological theories to a natural resource issue of your choice. Assignment instructions will be posted on Connect.

You will need to create an account on www.turnitin.com to submit your assignments. The Turnitin Class ID is: **9126314**, and the password is: **environment**. Please note that Turnitin servers are located in the United States. To protect your privacy, you are encouraged create an account under a pseudonym. The first 5 digits of your student number will work for your user name. More details about using Turnitin, and about protecting your identity are available at: <http://elearning.ubc.ca/toolkit/turnitin/for-students/>.

Late assignments will receive a 10% deduction for each day they are received after the assignment deadline. Deductions will be calculated from the Turnitin submission time stamp, and will be rounded up to the nearest day. Please note that changes to your assignment made after the submission deadline will alter your Turnitin timestamp, and you will be subject to late penalties. Extensions will only be granted for medical and other excused absences (documentation will be required).

Exams: The mid-term exam will be a one-hour in-class exam, and will consist of multiple choice and short answer questions. This exam will cover material from the first six weeks of the course. The final exam will be a two-hour exam, and will consist of multiple choice, short answer and essay questions. This exam will cover material from the entire course.

You will receive a grade of 0 (zero) on a missed exam unless you have an excused absence (documentation will be required). If you miss the mid-term exam, please contact me as soon as possible to arrange a make-up exam. If you miss the final exam, contact the appropriate administrative officer in your faculty. Further details on UBC exam policies can be found at: www.students.ubc.ca/enrolment/courses-registration/exams.

Participation: You are expected to come to class and reasonably participate in class discussions. You are also required to read the assigned articles and book chapters prior to each class so that you are prepared for class discussions. I will not take attendance, but will take note of excessive absences, tardiness, and lack of preparation. These factors will be taken into account when calculating your class participation grade.

Grading Guidelines: Grades will be allocated according to UBC Faculty of Arts guidelines (see www.students.ubc.ca/enrolment/grades).

<i>Percent</i>	<i>Grade</i>	<i>Level of Achievement</i>
90-100	A+	exceptional
85-89	A	exceptional
80-84	A-	exceptional
76-79	B+	competent
72-75	B	competent
68-71	B-	competent
64-67	C+	adequate
60-63	C	adequate
55-59	C-	adequate
50-54	D	adequate
00-49	F	inadequate

Faculties, departments and schools reserve the right to scale grades in order to maintain equity among sections and conformity to University, faculty, department, or school norms. Students should therefore note that an unofficial grade given by an instructor might be changed by the faculty, department or school. Grades are not official until they appear on a student's academic record.

Early Alert: During the term, I will do my best to reach out and offer support if I am concerned about your academic performance or wellbeing. I also encourage you to come and speak with me if you need assistance. In addition, I may identify my concerns using *Early Alert*. This program allows academic, financial, or mental health concerns to be identified sooner and responded to in a more coordinated way. Early alert requests are treated confidentially. For more information, please visit www.earlyalert.ubc.ca.

Academic Integrity: Students are expected to exhibit academic honesty in every class at UBC. Students should be familiar with the "Academic regulations" section of the UBC Calendar for university policy on cheating, plagiarism, and other forms of academic misconduct: www.calendar.ubc.ca/vancouver/index.cfm?tree=3,54,111,959.