

SGO 2301
Environment and Society
Spring 2014

Course description is the same as 2013

Changes in pensum for 2014: 3 removed, 7 added.

Main books

Buckingham, Susan and Mike Turner (editors). 2008. *Understanding Environmental Issues*. London: Sage Publications. (222 pages) (Chapter 5 (42 pages) is not included)

Dryzek, John. 2005. *The Politics of the Earth: Environmental Discourses*. Oxford: Oxford University Press. (236 pages)

Leichenko, Robin M. and Karen O'Brien. 2008. *Environmental Change and Globalization: Double Exposures*. New York: Oxford University Press. (113 pages)

Articles and Book Chapters

Adams, H. and W.N. Adger. 2013. Changing Places: Migration and Adaptation to Climate Change. Pages 413-423 in L. Sygna et al., *A Changing Environment for Human Security: Transformative Approaches to Research, Policy and Action*, London: Earthscan.

Barbier, E. 2011. The policy challenges for green economy and sustainable economic development. *Natural Resources Forum* 35: 233-245. (13 pages)

Lambin, E.F., Turner B.L., Geist, H.J., Agbola, S.B., Angelsen, A., Bruce J.W., Coomes, O.T., Dirzo, R., Fischer, G., Folke, C., George P.S., Homewood, K., Imbernon J., Leemans, R., Li X.B., Moran E.F., Mortimore, M., Ramakrishnan, P.S., Richards, J.F., Skanes, H., Steffen, W., Stone, G.D., Svedin, U., Veldkamp, T.A., Vogel, C. & Xu, J.C. (2001): "The causes of land use and land cover change: moving beyond the myths." *Global Environmental Change – Human and Policy Dimensions* 11 (4): 261-269. (9 pages)

Díaz S, Fargione J, Chapin FS III, Tilman D (2006) Biodiversity Loss Threatens Human Well-Being. *PLoS Biol* 4(8): e277. doi:10.1371/journal.pbio.0040277
<http://www.plosbiology.org/article/info%3Adoi%2F10.1371%2Fjournal.pbio.0040277>

Dobson A. 2007. Environmental citizenship: Towards sustainable development. *Sustainable Development* 15(5), 276-285.

Harriss, R. 2012. The Arctic: Past or Prologue? *Environment: Science and Policy for Sustainable Development*. Sept-Oct.

http://www.environmentmagazine.org/Archives/Back%20Issues/2012/September-October%202012/arctic_full.html

Lopez-Carr, D. And J. Burgdorfer. 2013. Deforestation Drivers: Population, Migration, and Tropical Land Use. *Environment: Science and Policy for Sustainable Development*. Jan-Feb.
<http://www.environmentmagazine.org/Archives/Back%20Issues/2013/January-February%202013/Deforestation-full.html>

Manning, Martin. 2011. The Climate for Science. Chapter 2 (pp. 32-48) in *The Governance of Change: Science, Economics, Politics and Ethics*. London: Polity. (17 pages)

Moser, S. 2013. Individual and community empowerment for human security. Pages 279-293 in L. Sygna et al., *A Changing Environment for Human Security: Transformative Approaches to Research, Policy and Action*, London: Earthscan.

Meadowcroft, James. 2009. "What About the Politics? Sustainable Development, Transition Management, and Long Term Energy Transitions." *Policy Sciences* 42(4):323-340. (18 pages)

Pereira, H.M., Navarro, L.M., and I.S. Martins. Global Biodiversity Change: The Bad, the Good and the Unknown. *Annual Reviews of Environment and Resources* 37:16.1-16.26. (27 pages)

Satterthwaite, D., Hug, S., Reid, H., Pelling, M. and Romero Lankao, P. 2009. Adapting to Climate Change in Urban Areas: The Possibilities And Constraints in Low- and Middle-Income Nations. Pages 3-47 in J. Bicknell, D. Dodman and D. Satterthwaite (eds): *Adapting Cities to Climate Change: Understanding and Addressing the Development Challenges*. (44 pages)

Seghezze, L. 2009. The Five Dimensions of Sustainability. *Environmental Politics* 18(4): 539-556.

Speth, G. 2010. *The Bridge at the Edge of the World: Capitalism, the Environment, and Crossing from Crisis to Sustainability*. Chapter 10 (17 pages)

Steffen, W., Persson, A., Deutsch, L., Zalasiewicz, J., Williams, M., Richardson, K., Carole Crumley, C., Crutzen, P., Folke, C., Gordon, L., Molina, M., Ramanathan, V., Rockstrom, J., Scheffer, M., Schellnhuber, H.J., and U. Svedin, (2011) "The Anthropocene: From Global Change to Planetary Stewardship" *Ambio* 40: 739-761. (33 pages)

Tibbs, H. 2011. Changing Cultural Values and the Transition to Sustainability. *Journal of Futures Studies*, March 2011, 15(3): 13 – 32. (20 pages)

Zoomers, A. 2010. Globalisation and the foreignisation of space: seven processes driving the current global land grab, *Journal of Peasant Studies*, 37:2, 429-447. (19 pages)

Lecture Plan

Week 4: Introduction: Environment and Society Interactions in the Anthropocene

(Steffen et al. 2011; Buckingham and Turner, Chapters 1; Leichenko and O'Brien, Chapter 1)

Week 5: Discourses on the Environment

(Dryzek Chapters 1 - 3; Buckingham and Turner, Chapter 2; Leichenko and O'Brien, Chapter 2)

Week 6: Climate Change:

(Buckingham and Turner Chapter 8; Manning 2011; Leichenko and O'Brien, Chapters 3 and 4; Harriss 2012)

Week 7: Biodiversity and Land Use Change

(Buckingham and Turner Chapter 5; Lopez-Carr and Burgdorfer 2013; Diaz et al. 2006; Zoomers 2010)

Week 8: Winter Break

Week 9: The Urban environment

(Buckingham and Turner, Chapters 6 and 10; Leichenko and O'Brien, Chapter 6; Satterthwaite et al. 2009)

Week 10: Disaster risk in a changing world

(Buckingham and Turner, Chapter 9; Leichenko and O'Brien, Chapters 5 and 7)

Week 11: Environmental politics

(Buckingham and Turner Chapter 3; Dryzek Chapters 4 and 5; Dobson 2007)

Week 12: Economic perspectives

(Buckingham and Turner chapter 4; Dryzek Chapters 6 - 8; Barbier 2011)

Week 13: Human Security in the Anthropocene

(Leichenko and O'Brien Chapter 8; Adams and Adger 2013; Moser 2013)

Week 18: Social transformations to sustainability

(Dryzek Chapters 9 - 11; Speth 2010; Tibbs 2011; Seghezso 2009)