

POLI 3385 Politics of the Environment

Dalhousie University

3 credit hours

Fall 2019

Mondays and Wednesdays, 11:35-12:55

Rowe 1009

Instructor: Anders Hayden
Office and Hours: Henry Hicks 352, Mondays 2:00 - 3:00 p.m., Thursdays 4:00 – 5:00 p.m.,
or by appointment (please e-mail me to set up appointment)
E-mail: anders.hayden@dal.ca
Tel: 902-494-6602

Course Description

This course examines competing perspectives on two over-riding questions:

- What are the key political and socio-economic causes of environmental problems?
- What types of political and socio-economic change are needed to achieve ecological sustainability? In other words, do lasting environmental solutions require radical changes in our political and socio-economic structure and consciousness, or are minor reforms to current practices enough?

Topics include:

- the debate over the severity of ecological crisis
- competing perspectives on ideas of limits to growth and sustainable development
- the links between poverty, North-South inequality, and environmental degradation
- controversies over the impact of population growth and how to respond to it
- the promise and limits of technological solutions to environmental problems
- the role of consumerism in ecological degradation
- global environmental regimes
- market-based environmentalism
- ecological modernization in theory and practice
- ecological critiques of capitalism and radical environmental perspectives

Learning Outcomes

- Students will further develop their understanding of major global environmental challenges.
- Students will demonstrate understanding of major competing perspectives on the socio-economic and political causes of environmental degradation and corresponding proposals for how to address environmental challenges.
- Students will be able to apply concepts in political science to analysis of environmental issues.
- Students will further develop their communication skills (public speaking, writing, listening critically) through presentations, class discussions, and written assignments.
- Students will further develop their skills in research, analysis, and synthesis of information through their presentations and research papers.

Course Format

The course will combine lectures and class discussion, along with student presentations and the occasional use of multimedia clips.

Expectations and Grading

Attendance & Participation	10%
Quizzes (2 x 5%)	10%
Midterm	25%
Research Paper	30%
Final Exam	25%

For information on how your percentage grade will be converted into a letter grade and grade point, see Dalhousie's grade scale and definitions:

https://www.dal.ca/campus_life/academic-support/grades-and-student-records/grade-scale-and-definitions.html

Attendance and Participation 10%

You are expected to attend *every* class and, with the exception of the first class, to complete the assigned readings before class. You are also expected to participate actively and respectfully in group discussions—without dominating discussion in a way that prevents others from speaking. Due to the size of the class, this component of the grade will be based mainly on attendance; students who stand out for constructive contributions to discussions throughout the semester will gain additional points.

Quizzes 10%

There will be two short-quizzes on September 23 and November 6 to assess your knowledge of key concepts covered in the readings and lectures.

Midterm 25%

A take-home midterm will be distributed by October 14 and will be due on October 21. Any midterms submitted after October 21 will be subjected to the late penalties discussed below—until October 28, *after which midterms will not be accepted and a grade of zero will be applied.*

Research Paper 30%

You will write a paper of 3,000 to 4,000 words. Papers are due on November 29.

A list of possible paper topics will be distributed in class. You are also free to propose your own topic, subject to approval of the instructor.

You have the *option* of submitting a 1-2 page proposal, plus an initial bibliography, by October 13 at the latest. You will not receive a grade for the proposal, but this is an opportunity to receive feedback as you develop your paper. This will also help to ensure that you begin work on your paper early in the semester and avoid a last-minute rush. The research paper is the largest single component of your grade; you should treat it as an important project rather than a last-minute rush job.

Final Exam 25%

The final exam will cover material from the entire semester. It will take place during the exam period from December 5 to 15. The final exam schedule, which is determined by the Registrar's

Office, will be released by October 1. *Do not make travel plans until you know the date of the final exam.*

Late Penalties

Assignments received after the due date will be subject to a late penalty of 1% on the first day, an *additional* 2% on the second day, an *additional* 3% on the third day ... and an additional 5 % on the fifth and every subsequent day, unless appropriate written documentation such as a doctor's note is provided. (For example, a paper submitted six days late will receive a penalty of 20%, i.e. 1+2+3+4+5+5%). Please plan your work well ahead of time to avoid late penalties. The late penalties are phased in gradually to give you some extra flexibility. For example, if you need one more day to finish your paper, you may decide it is worth taking the small penalty to have a little extra time, but the penalties increase substantially as the delay grows longer.

Note that special provisions for late penalties apply for the midterm. See details above.

Recording

Lectures and discussions will *not* be recorded by the instructor. If you wish to audio record the lecture components of the class, you may do so, but please ask for permission first.

Deadlines for Withdrawal from Fall Courses

For Fall 2019 classes, the deadline by which a student may withdraw without a "W" appearing on the transcript is October 2. The last day to withdraw with a "W" is October 31.

Required Books

Chasek, Pamela S., David L. Downie, and Janet Welsh Brown. 2017. *Global Environmental Politics* (7th edition). Boulder, CO: Westview Press.

Dryzek, John. 2013. *Politics of the Earth: Environmental Discourses* (3rd edition). Oxford: Oxford University Press.

Weekly Themes and Readings

N.B. You can find the required readings in the required books or through links on the course website on Brightspace. Class schedule is subject to change.

If you have difficulties accessing any of the readings, whether required or recommended, please contact me.

September 4: Introduction

What are the main environmental challenges that humanity is facing?

What do the data show about the main global environmental trends?

How do perceptions of those challenges differ depending on one's social position, ideology or worldview, and other factors?

What are some of the main ways to examine these challenges through a political science lens?

Required:

Ripple, William J. et al. 2017. "World Scientists' Warning to Humanity: A Second Notice."

Chasek, Downie, and Brown. “The Emergence of Global Environmental Politics.” Pp. 1-20 in *Global Environmental Politics*.

Dryzek. “Making Sense of the Earth's Politics.” Chapter 1 in *Politics of the Earth*.

Recommended:

Carey, John. 2015. “The 9 limits of our planet ... and how we’ve raced past 4 of them.” *TED*.
<http://ideas.ted.com/the-9-limits-of-our-planet-and-how-weve-raced-past-4-of-them/>

Kolbert, Elizabeth. 2011. “Enter the Anthropocene—Age of Man.” *National Geographic*, March.
<http://ngm.nationalgeographic.com/2011/03/age-of-man/kolbert-text>

Raworth, Kate and Adam Simpson. 2017. “Kate Raworth on ‘Doughnut Economics’.” Next System Project Podcast.
<https://thenextsystem.org/learn/stories/episode-2-kate-raworth-doughnut-economics>

Speth, James Gustave. 2012. “American passage: Towards a new economy and a new politics.” *Ecological Economics* 84:181-186.

Steffen, Will et al. 2015. “Planetary boundaries: Guiding human development on a changing planet.” *Science* 347(6223):1259855.

September 9 and 11: The Politics of Global Limits

Is the expansion of human activity on a collision course with ecological limits?

Can markets and human ingenuity allow the global economy to grow indefinitely?

Required:

Dryzek. “Looming Tragedy: Limits, Boundaries, Survival.” Chapter 2. “Growth Unlimited: The Promethean Response.” Chapter 3.

Simon, Julian. 1995. “The State of Humanity: Steadily Improving.” *Cato Policy Report* 17.5 (September / October): <http://www.cato.org/policy-report/septemberoctober-1995/state-humanity-steadily-improving> (N.B. In this article, focus on the key elements of the Promethean argument about how environmental challenges can be overcome.)

Tupy, Marian L. 2018. “Julian Simon Was Right: A Half-Century of Population Growth, Increasing Prosperity, and Falling Commodity Prices.” *Economic Development Bulletin* (Cato Institute) 29:1-12. <https://www.cato.org/publications/economic-development-bulletin/julian-simon-was-right-half-century-population-growth>

Kallis, Giorgos. 2015. “The Degrowth Alternative.” *The Great Transition Initiative*.
<http://www.greattransition.org/publication/the-degrowth-alternative>

Recommended:

Assadourian, Erik. 2012. “The Path to Degrowth in Overdeveloped Countries.” Pp. 22-37 in *Moving Toward Sustainable Prosperity: State of the World 2012*. Worldwatch Institute.
http://blogs.worldwatch.org/sustainableprosperity/wp-content/uploads/2012/04/SOW12_chap_2.pdf

Costanza, Robert. 2013. “A Vision of a Successful Economy without Continuous Economic Growth.”
<http://www.humansandnature.org/economy---robert-costanza-response-40.php>

D’Alisa, Giacomo, Federico Demaria, and Giorgos Kallis. 2015. *Degrowth: A Vocabulary for a New Era*. New York: Routledge.

O’Neill, Daniel W., Andrew L. Fanning, William F. Lamb, and Julia K. Steinberger. 2018. “A Good Life for All within Planetary Boundaries.” *Nature Sustainability* 1(2):88–95.

Pollin, Robert. 2018. “De-Growth vs a Green New Deal.” *New Left Review* (112):5–25.

Rees, Bill. 2017. “Staving Off the Coming Global Collapse.” *The Tyee*, July 17.
<https://thetyee.ca/Opinion/2017/07/17/Coming-Global-Collapse/>

Turner, Graham. 2014. "Is Global Collapse Imminent?" Melbourne: Melbourne Sustainable Society Institute. http://sustainable.unimelb.edu.au/sites/default/files/docs/MSSI-ResearchPaper-4_Turner_2014.pdf

Victor, Peter A. and Tim Jackson. 2015. "The Trouble With Growth." Pp. 37–49 in *State of the World 2015: Confronting Hidden Threats to Sustainability*. Washington, D.C.: Worldwatch Institute / Island Press.

September 16: Sustainable Development

What does "sustainable development" mean?

What are its implications for politics and governance?

Does sustainable development represent a viable middle ground between the limits-to-growth and Promethean perspectives?

How does inequality between the global North and South complicate efforts to find political solutions to global environmental problems?

Required:

Dryzek. Chapter 7, "Greener Growth: Sustainable Development."

Chasek, Downie, and Brown. Pp. 30-44, 310-324, 343-350 in *Global Environmental Politics*.

Highly recommended:

World Commission on Environment and Development. 1987. "Towards Sustainable Development." Excerpt from *Our Common Future*. Oxford: Oxford University Press, Pp. 211-221 in *Green Planet Blues*.

Recommended:

Brand, Ulrich. 2012. "Green Economy – the Next Oxymoron? No Lessons Learned from Failures of Implementing Sustainable Development. *GAIA* 21(1):28-32. http://www.openscience4sustainability.at/wp-content/uploads/2012/06/GAIA-2012_brand_green-economy.pdf

Chasek, Downie, and Brown. "Economic Development and Trade." Pp. 324-343 in *Global Environmental Politics*.

Hajer, Maarten et al. 2015. "Beyond Cockpit-ism: Four Insights to Enhance the Transformative Potential of the Sustainable Development Goals." *Sustainability* 7:1651-1660.

Haas, Peter. 2012. "Assessing Rio Plus 20." *e-International Relations*, August 6. <http://www.e-ir.info/2012/08/06/assessing-rio-plus-20/>

Holden, Erling, Kristin Linnerud, and David Banister. 2014. "Sustainable Development: Our Common Future Revisited." *Global Environmental Change* 26:130–39.

Khor, Martin. 2012. "Rio+20 Was Not All in Vain." *In-Depth News*, July 9. <http://www.indepthnews.info/index.php/global-issues/1039-rio20-was-not-all-in-vain>

Onestini, Maria. 2012. "Development to Green Economy Discourse: Latin America and the Winding Road to Rio+20 : From Sustainable." *The Journal of Environment Development* 2012 21(1):32-35.

Spash, Clive. 2012. "Green Economy, Red Herring." *Environmental Values* 21 (2012): 95–99.

United Nations Secretary-General High-Level Panel on Global Sustainability. 2012. *Resilient People, Resilient Planet: A Future Worth Choosing*. New York: United Nations.

Unmüßig, Barbara, Wolfgang Sachs and Thomas Fatheuer. 2012. "A Critique of the Green Economy. Toward Social and Environmental Equity." Berlin: Heinrich Böll Foundation. http://www.boell.org/downloads/Critique_of_the_Green_Economy.pdf (Chapters 2 and 3 especially relevant).

Victor, David G. 2006. "Recovering Sustainable Development." *Foreign Affairs* 85(1): 91-101.

September 18 and 23: Poverty and the Environment

Is poverty a key cause of environmental degradation?

Can the poor afford to care about the earth? Do people need to become wealthy before they can turn their attention to the environment?

How does an “environmentalism of the poor” differ from environmental politics in wealthy nations?

N.B. There will be a short quiz in class on September 23.

Required:

Reilly, W.K. 1990. “The Green Thumb of Capitalism: The Environmental Benefits of Sustainable Growth.” *Policy Review* Fall: 16-21. (N.B. Only pages 1-6 of the pdf file are required. Read this article mainly for the argument on the relationship between poverty and environment rather than for the facts and figures, some of which are outdated).

Martinez-Alier, Joan. 2014. “The Environmentalism of the Poor.” *Geoforum* 54:239-241.

Lewis, Tammy L. 2015. Chapter 18, “Environmental Movements in the Global South.” Pp. 300-314 in *Twenty Lessons in Environmental Sociology*, edited by K.A. Gould and T.L. Lewis. Oxford: Oxford University Press.

Adler, David. 2016. “How Radical Ideas Turned Curitiba into Brazil’s ‘Green Capital.’” *The Guardian*, May 6. <https://www.theguardian.com/cities/2016/may/06/story-of-cities-37-mayor-jaimie-lerner-curitiba-brazil-green-capital-global-icon>

Kim, So Young and Yael Wolinsky-Nahmias. 2014. “Cross-National Public Opinion on Climate Change: The Effects of Affluence and Vulnerability.” *Global Environmental Politics* 14(1):79–106. [N.B. Focus on pp. 79-89, 99-101; you can skim the pages in between.]

Vidal, John. 2011. “Wangari Maathai obituary: Kenyan winner of the Nobel peace prize for environmental efforts to help the poorest.” *The Guardian*, September 27, p. 40. <https://www.theguardian.com/world/2011/sep/26/wangari-maathai>

Two short news articles on Bangladesh and climate change:

<http://www.climatechangenews.com/2017/03/30/open-letter-bangladesh-american-people/>
<http://www.climatechangenews.com/2014/07/07/bangladesh-and-climate-change-time-to-change-the-narrative/>

Jeffrey, Karen. 2016. “This Is the Most Efficient Economy in the World.” London: New Economics Foundation. <https://neweconomics.org/2016/07/this-is-the-most-efficient-economy-in-the-world>.

Recommended:

Agarwal, Anil and Sunita Narain. 2000. “Redressing Ecological Poverty Through Participatory Democracy: Case Studies from India.” Political Economy Research Institute Working Paper #36. University of Massachusetts Amherst. http://www.peri.umass.edu/fileadmin/pdf/working_papers/working_papers_1-50/WP36.pdf

Brandes, Gratz. 2013. Three short articles on Curitiba, Brazil:

http://www.huffingtonpost.com/roberta-brandes-gratz/curitiba_b_3713953.html
http://www.huffingtonpost.com/roberta-brandes-gratz/a-favela-transformed_b_3777182.html
http://www.huffingtonpost.com/roberta-brandes-gratz/curitibas-jaimie-lerner_b_4179203.html

Brechin, Steven R. and Medani Bhandari. 2011. “Perceptions of climate change worldwide.” *Wiley Interdisciplinary Reviews: Climate Change* 2(6):871-885.

Climate Adaptation UNDP. 2018. “Bracing for Climate Change in Bangladesh.” *Exposure*. <https://undp-adaptation.exposure.co/bracing-for-climate-change-in-bangladesh>.

Dunlap, Riley E. and Richard York. 2008. “The Globalization of Environmental Concern and the Limits of the Post-Materialist Explanation: Evidence from Four Multinational Surveys.” *Sociological Quarterly* 49:529-563.

Durning, Alan B. 1989. *Worldwatch Paper #92: Poverty and the Environment: Reversing the Downward Spiral*. World Watch Institute. Pp. 5-6, 40-54.

Guha, Ramachandra. 1997. Chapter 3, "Poverty and the Environment: A Critique of the Conventional Wisdom." Pp.46-76 in *Varieties of Environmentalism*, edited by R. Guha and J. Martinez-Alier. London: Earthscan.

Hayden, Anders. 2015. "Bhutan: Blazing a Trail to a Postgrowth Future? Or Stepping on the Treadmill of Production?" *The Journal of Environment & Development* 24:161–86.

Maathai, Wangari. 2004. "Nobel Lecture." December 10.
http://www.nobelprize.org/nobel_prizes/peace/laureates/2004/maathai-lecture-text.html

Narain, Sunita. 2009. "A Million Mutinies." *New Internationalist*, January.
<http://www.newint.org/features/2009/01/01/climate-justice-resistance/>

National Geographic and Globescan. 2014. *Greendex 2014: Consumer Choice and the Environment – A Worldwide Tracking Survey*. http://images.nationalgeographic.com/wpf/media-content/file/NGS_2014_Greendex_Highlights_FINAL-cb1411689730.pdf

Roberts, J. Timmons and Nikki Demetria Thanos. 2003. Chapter 4, "Hazards of an Urban Continent." *Trouble in Paradise: Globalization and Environmental Crises in Latin America*. New York: Routledge.

Schroder, Randy and Kent Schroeder. 2014. "Happy Environments: Bhutan, Interdependence and the West." *Sustainability* 6(6), 3521-3533.

Shwom, Rachel et al. 2015. "Public Opinion on Climate Change." Pp. 269-299 in *Climate Change and Society: Sociological Perspectives*, edited by R.E. Dunlap and R. J. Brulle. New York: Oxford University Press.

September 25: Environmental Justice

Agyeman, Julian, David Schlosberg, Luke Craven, and Caitlin Matthews. 2016. "Trends and Directions in Environmental Justice: From Inequity to Everyday Life, Community, and Just Sustainabilities." *Annual Review of Environment and Resources* 41(1):321–40.

Waldron, Ingrid R. G. 2018. Chapter 4, "Not in My Backyard: The Politics of Race, Place, and Waste in Nova Scotia." Pp. 300-314 in *There's Something in the Water: Environmental Racism in Indigenous & Black Communities*. Halifax: Fernwood.

Highly recommended:

Dryzek, John S. and Jonathan Pickering. 2019. "Planetary Justice." Pp. 58-81 in *The Politics of the Anthropocene*. Oxford: Oxford University Press.

Recommended:

Agyeman, Julian, Robert D. Bullard, and Bob Evans, eds. 2003. *Just Sustainabilities: Development in an Unequal World*. Cambridge, MA: MIT Press.

Faber, Daniel. 2017. "The Political Economy of Environmental Justice." Pp. 61–73 in *The Routledge Handbook of Environmental Justice*, edited by R. Holifield, J. Chakraborty, and G. Walker. London: Routledge.

Gaard, Greta. 2017. "Feminism and Environmental Justice." Pp. 74–88 in *The Routledge Handbook of Environmental Justice*, edited by R. Holifield, J. Chakraborty, and G. Walker. London: Routledge

Martinez-Alier, Joan. 2016. "Global Environmental Justice & the Environmentalisms of the Poor." Pp. 547–62 in *The Oxford Handbook of Environmental Political Theory, Oxford Handbooks*, edited by T. Gabrielson, C. Hall, J. M. Meyer, and D. Schlosberg. Oxford: Oxford University Press.

Vanderheiden, Steve. 2016. "Environmental and Climate Justice." Pp. 321–32 in *The Oxford Handbook of Environmental Political Theory, Oxford Handbooks*, edited by T. Gabrielson, C. Hall, J. M. Meyer, and D. Schlosberg. Oxford: Oxford University Press.

September 30 and October 2: The Politics of Population

Are there too many of us? If so, what should be done?

What are the key demographic trends and projections for population growth?

What are the key criticisms of the focus on population growth?

Why is the population debate such a political minefield, internationally and domestically?

Required:

Hardin, Garrett. 1968. "The Tragedy of the Commons." *Science* 162(3859):1243-1248.

UN DESA. 2019. "World Population Prospects 2019: Highlights." New York: United Nations Department of Economic and Social Affairs.

https://population.un.org/wpp/Publications/Files/WPP2019_10KeyFindings.pdf

Bates, Diane C. 2015. Chapter 8, "Population, Demography, and the Environment." Pp. 118-136 in *Twenty Lessons in Environmental Sociology*, edited by K.A. Gould and T.L. Lewis. Oxford: Oxford University Press.

DeJong, Jocelyn. 2000. "The role and limitations of the Cairo International Conference on Population and Development." *Social Science & Medicine* 51(2000):941-953.

Bongaarts, John and Brian C. O'Neill. 2018. "Global Warming Policy: Is Population Left out in the Cold?" *Science* 361(6403):650-52.

Monbiot, George. 2011. "Population is just a sidekick to the real big baddie – consumption." *The Guardian*, October 27.

<http://www.guardian.co.uk/environment/georgemonbiot/2011/oct/27/population-consumption-threat-to-planet>

Angus, Ian. 2012. "The return of the population bombers." *Climate and Capitalism*, July 20.

<http://climateandcapitalism.com/2012/07/20/the-return-of-the-population-bombers/>

Coole, Diana. 2016. "Population, Environmental Discourse, and Sustainability." Pp. 274-88 in *The Oxford Handbook of Environmental Political Theory*, edited by Gabrielson, Teena, C. Hall, J. M. Meyer, and D. Schlosberg. Oxford: Oxford University Press.

Recommended:

Alcott, Blake. 2012. "Population matters in ecological economics." *Ecological Economics* 80:109-120.

Barot, Sneha. 2014. "Looking Back While Moving Forward: Marking 20 Years Since the International Conference on Population and Development." *Guttmacher Policy Review* 17(3):22-28.

<https://www.guttmacher.org/pubs/gpr/17/3/gpr170322.pdf>

Coole, Diane. 2013. "Too many bodies? The return and disavowal of the population question." *Environmental Politics* 22(2):195-215.

Ehrlich, Paul R. and Anne H. Ehrlich. 2009. "The Population Bomb Revisited." *The Electronic Journal of Sustainable Development* 1(3):5-13.

Friedman, Thomas L. 2008. "Our Carbon Copies (Or, Too Many Americans)." Pp. 53-76 in *Hot, Flat, and Crowded*. New York: Farrar, Straus, and Giroux.

Malthus, Thomas. 1798/1985. *An Essay on the Principle of Population*. New York: Penguin. Chapters 1 and 2. Pp. 63-79. These chapters are available online at: <http://www.edstephan.org/malthus/malthus.1.html>

<http://www.edstephan.org/malthus/malthus.2.html>

Magdoff, Fred. 2013. "Global Resource Depletion: Is Population the Problem?" *Monthly Review* 64(8):

<http://monthlyreview.org/2013/01/01/global-resource-depletion>

Sasser, Jade. 2013. "From Darkness Into Light: Race, Population and Environmental Advocacy." *Antipode* 46(5):1240-1257.

Sen, Amartya. 2001. "Gender Equity and the Population Problem." *International Journal of Health Services* 31(3):469-474.

Whitty, Julia. 2010. "The Last Taboo: What unites the Vatican, lefties, conservatives, environmentalists, and scientists in a conspiracy of silence?" *Mother Jones*, May-June, pp. 26-45.
<http://motherjones.com/environment/2010/05/population-growth-india-vatican>

October 7 and 9: Technology and Environmental Politics

N.B. October 2 is last day to drop fall term courses without a "W"

Is technology at the root of our environmental problems or the main hope for solutions?

Why is technology so central to mainstream environmental politics? Why are technological solutions so appealing?

What are the limits of technological solutions? What key issues does the focus on technological solutions avoid?

What are the competing perspectives on how to encourage greener technologies?

Required:

Commoner, Barry. 1992. Chapter 1, "At War With the Planet." *Making Peace with the Planet*. New York: New Press.

Ellen McArthur Foundation. 2015. "Towards a circular economy: Business rationale for an accelerated transition." Cowes, Isle of Wight, UK: Ellen McArthur Foundation.
https://www.ellenmacarthurfoundation.org/assets/downloads/TCE_Ellen-MacArthur-Foundation_9-Dec-2015.pdf

Geels, Frank W., Benjamin K. Sovacool, Tim Schwanen, and Steve Sorrell. 2017. "The Socio-Technical Dynamics of Low-Carbon Transitions." *Joule* 1(3):463-79.

Meadowcroft, James. 2016. "Let's Get This Transition Moving!" *Canadian Public Policy* S10-S17.

Corporate Watch. 2008. Summary, Chapter 1, and Chapter 2, pp. 2-14. "Techno-fixes: A Critical Guide to Climate Change Technologies." London: Corporate Watch.

Highly recommended:

Jänicke, Martin and Stefan Lindemann. 2010. "Governing environmental innovations." *Environmental Politics* 19(1):127-141.

Recommended:

Alexander, Samuel. 2014. "A Critique of Techno-Optimism: Efficiency without Sufficiency Is Lost." Melbourne Sustainable Society Institute. http://www.postcarbonpathways.net.au/wp-content/uploads/2014/01/1_Critique_of_Techno_Optimism-with-blurb.pdf

Asafu-Adjaye, John et al. 2015. *An Ecomodernist Manifesto*. Breakthrough Institute.
<http://static1.squarespace.com/static/5515d9f9e4b04d5c3198b7bb/t/552d37bbe4b07a7dd69fcd6bb/1429026747046/An+Ecomodernist+Manifesto.pdf>

Commoner, Barry. *Making Peace with the Planet*. Chapter 2 and 3.

Cullen, Jonathan M. 2017. "Circular Economy: Theoretical Benchmark or Perpetual Motion Machine?" *Journal of Industrial Ecology* 21(3):483-486.

- Daly, Herman E. 2019. "A Journey of No Return, Not a Circular Economy." *Steady State Herald (Center for the Advancement of the Steady State Economy)*, April 23. <https://steadystate.org/a-journey-of-no-return-not-a-circular-economy/#comments>
- Feenberg, Andrew. 1996. "The Commoner-Ehrlich Debate." Pp.257-283 in *Minding Nature: The Philosophers of Ecology*, edited by D. Macauley. New York: Guilford Press.
- Gould, Kenneth A. 2015. Chapter 7, "Technological Change and the Environment." Pp. 105-117 in *Twenty Lessons in Environmental Sociology*, edited by K.A. Gould and T.L. Lewis. Oxford: Oxford University Press.
- Hawken, Paul, Amory Lovins and L. Hunter Lovins. 1999. *Natural Capitalism: Creating the Next Industrial Revolution*. Little, Brown & Co. Preface and Chapter 1 "The Next Industrial Revolution."
<http://www.natcap.org/sitepages/pid20.php>
- Lovins, Amory B. 2011. *Reinventing Fire: Bold Business Solutions for the New Energy Era*. White River Junction, VT: Chelsea Green.
- Lovins, Amory. 2012. "A Farewell to Fossil Fuels: Answering the Energy Challenge." *Foreign Affairs* 91(2):134-146. http://www.rmi.org/Knowledge-Center/Library/2012-01_FarewellToFossilFuels
- Lovins, L. Hunter, and Boyd Cohen. 2011. Chapter 3, "Both Are Better." Pp. 57-94 in *Climate Capitalism: Capitalism in the Age of Climate Change*. New York: Hill and Wang.
- Lynas, Mark. 2011. *The God Species*. London: Fourth Estate.
- McDonough, William and Michael Braungart. 2002. "The Extravagant Gesture: Nature, Design, and the Transformation of Human Industry." Pp. 13-32 in *Sustainable Planet: Solutions for the Twenty-first Century*, edited by Juliet B. Schor and Betsy Taylor. Boston: Beacon Press.
- McDonough, William and Michael Braungart. 2013. *The Upcycle: Beyond Sustainability--Designing for Abundance*. New York: North Point Press.
- Prabhu, Jaideep. 2017. "Frugal innovation: doing more with less for more." *Philosophical Transactions A* 375: 20160372.
- Schreurs, Miranda A. 2012. "The Politics of Phase-out." *Bulletin of the Atomic Scientists* 68(6):30-41.

October 14: Thanksgiving, No Class

October 16 and 21: Ecological Modernization and Green Growth

N.B. Take-home midterm due on October 21.

Can modern society and capitalism be reformed to become ecologically sustainable?

What are the key elements of an ecological modernization program that aims to reform capitalism?

What are the key criticisms of ecological modernization and the pursuit of "green growth" as a political strategy?

Is ecological modernization and its goal of "green growth" the only politically viable strategy to address our ecological problems?

Required:

Dryzek, Chapter 8. "Industrial Society and Beyond: Ecological Modernization." Pp.165-184.

Mol, Arthur P.J. and Martin Jänicke. 2009. "The Origins and Theoretical Foundations of Ecological Modernisation Theory." Pp. 17-27 in *The Ecological Modernisation Reader: Environmental Reform in Theory and Practice*, edited by A.P.J. Mol, D.A. Sonnenfeld, and G. Spaargaren. London: Routledge.

York, Richard, Eugene A. Rosa, and Thomas Dietz. 2011. "Ecological Modernization Theory: Theoretical and Empirical Challenges." Pp. 77-90 in *International Handbook of Environmental Sociology*, edited by M. Redclift and G. Woodgate. London: Edward Elgar.

Jackson, Tim. 2017. “The Myth of Decoupling.” Pp. 84-102 in *Prosperity Without Growth: Foundations for the Economy of Tomorrow*. 2nd Edition. London: Routledge.

Jänicke, Martin. 2020. “Ecological Modernization – a Paradise of Feasibility but No General Solution.” Pp. 13–23 in *The Ecological Modernization Capacity of Japan and Germany: Comparing Nuclear Energy, Renewables, Automobility and Rare Earth Policy*, edited by L. Mez, L. Okamura, and H. Weidner. Wiesbaden: Springer.

For other perspectives on green growth, see Pollin 2019 and other articles in the section below, “Time for a Green New Deal?”

Highly recommended: Ecomodernist manifesto debate

Asafu-Adjaye, John et al. 2015. *An Ecomodernist Manifesto*. Oakland, CA: Breakthrough Institute. <http://www.ecomodernism.org/manifesto-english/>

Kallis, Giorgos. 2015. “An Ecomodernist Mishmash.” *Degrowth*, May 7. <https://www.degrowth.info/en/2015/05/an-ecomodernist-mishmash/>

Recommended:

Remaining chapters in *The Ecological Modernisation Reader: Environmental Reform in Theory and Practice*, edited by A.P.J. Mol, D.A. Sonnenfeld, and G. Spaargaren. Abingdon, Oxon, UK: Routledge.

Cox, Stan. 2004. “From Here to Economy.” *Grist Magazine*, April 27. <http://www.alternet.org/story/18518/>

Foster, John Bellamy. 2012. “The Planetary Rift and the New Human Exemptionalism: A Political-Economic Critique of Ecological Modernization Theory.” *Organization and Environment* 25(3) 211–237.

Gonzalez, George. 2005. “Urban Sprawl, Global Warming and the Limits of Ecological Modernisation.” *Environmental Politics* 14(3):344-362.

Hayden, Anders. 2014. “Ecological Modernization in Britain” and “The Limits of Ecological Modernization in the UK” Pp. 199-278 in *When Green Growth is Not Enough: Climate Change, Ecological Modernization, and Sufficiency*. Montreal: McGill-Queen’s University Press.

Hickel, Jason and Giorgos Kallis. 2019. “Is Green Growth Possible?” *New Political Economy*.

Huber, Joseph. 2009. “Ecological Modernization: Beyond Scarcity and Bureaucracy.” Pp. 42-55 in *The Ecological Modernisation Reader: Environmental Reform in Theory and Practice*, edited by A.P.J. Mol, D.A. Sonnenfeld, and G. Spaargaren. Abingdon, Oxon, UK: Routledge.

Jänicke, Martin. 2008. “Ecological modernisation: new perspectives.” *Journal of Cleaner Production* 16:557-565.

Jorgenson, Andrew and Brett Clark. 2012. “Are the Economy and the Environment Decoupling? A Comparative International Study, 1960–2005.” *American Journal of Sociology* 118(1):1-44.

Lauber, Volkmar and Staffan Jacobsson. 2016. “The politics and economics of constructing, contesting and restricting socio-political space for renewables—The German Renewable Energy Act.” *Environmental Innovation and Societal Transitions* 18:147-163.

Mol, Arthur P. J., Gert Spaargaren, and David A. Sonnenfeld. 2013. “Ecological Modernization Theory: Taking Stock, Moving Forward.” Pp. 15-30 in *Handbook of Social and Environmental Change*, edited by S. Lockie, D.A. Sonnenfeld and D. Fisher. London: Routledge.

Paterson, Matthew. 2001. “Climate Policy as Accumulation Strategy: The Failure of COP6 and Emerging Trends in Climate Politics.” *Global Environmental Politics* 1(2):10-17.

Pollin, Robert. 2018. “De-Growth vs a Green New Deal.” *New Left Review* (112):5–25.

Strunz, Sebastian, Erik Gawel, and Paul Lehmann. 2016. “The political economy of renewable energy policies in Germany and the EU.” *Utilities Policy* 42:33-41.

Ward, James D., Paul C. Sutton, Adrian D. Werner, Robert Costanza, Steve H. Mohr, and Craig T. Simmons. 2016. “Is Decoupling GDP Growth from Environmental Impact Possible?” *PLOS ONE* 11(10):e0164733.

October 23 and 28: The Politics of Consumption (I)

Why is consumerism such a powerful social and political force? What are its attractions?

What grounds are there to critique consumerism?

What is the relationship between consumption and well-being?

What is driving high and rising levels of consumption?

What are the different visions of a politics of “sustainable consumption”?

What role does power play in (un)sustainable consumption?

Required:

Cross, Gary. 2000. Chapter 1 in *An All-Consuming Century: Why Commercialism Won in Modern America*. New York: Columbia University Press, 2000.

Ehrhardt-Martinez, Karen et al. 2015. “Consumption and Climate Change.” Pp. 93-126 in *Climate Change and Society: Sociological Perspectives*, edited by R.E. Dunlap and R.J. Brulle. New York: Oxford University Press.

Fuchs, Doris and Frederike Boll. 2018. “Sustainable Consumption.” Pp. 83-102 in *Global Environmental Politics: Concepts, Theories, and Case Studies*. London: Routledge.

Fuchs, Doris et al. 2016. “Power: the missing element in sustainable consumption and absolute reductions research and action.” *Journal of Cleaner Production* 132:298-307.

Highly recommended:

Geels, Frank W., Andy McMeekin, Josephine Mylan, and Dale Southerton. 2015. “A Critical Appraisal of Sustainable Consumption and Production Research: The Reformist, Revolutionary and Reconfiguration Positions.” *Global Environmental Change* 34:1–12.

Recommended:

Assadourian, Erik. 2010. “The Rise and Fall of Consumer Cultures.” Pp. 3-20 in *State of the World 2010*. New York: W.W. Norton & Co.

Assadourian, Eric. 2013. “Re-engineering cultures to create a sustainable civilization.” Pp. 113-125 in *State of the World 2013: Is Sustainability Still Possible?* Washington, D.C.: Island Press.

<http://blogs.worldwatch.org/sustainabilitypossible/wp-content/uploads/2013/07/SOW2013-10-Re-engineeringCultures.pdf>

Brown, Halina Szejnwald and Philip J. Vergragt. 2017. “From growth to sustainability: cultural transition beyond consumerist lifestyles.” Pp. 420-438 in *Handbook of Growth and Sustainability*, edited by P. Victor and B. Dolter. Cheltenham, UK: Edward Elgar.

Hamilton, Clive. 2010. “Consumer Self.” Pp. 66-94 in *Requiem for a Species*. London: Earthscan.

Jackson, Tim. 2005. “Live Better by Consuming Less?: Is There a ‘Double Dividend’ in Sustainable Consumption?” *Journal of Industrial Ecology* 9(1–2):19-36.

Royal Society. 2012. *People and the Planet*. London: Royal Society. <http://royalsociety.org/policy/projects/people-planet/report/>

Sahakian, Marlyne and Harold Wilhite. 2014. “Making practice theory practicable: Towards more sustainable forms of consumption.” *Journal of Consumer Culture* 14(1) 25–44.

Shove, Elizabeth. 2012. “Putting practice into policy: Reconfiguring questions of consumption and climate change.” *Contemporary Social Science* 1:1–15.

October 30: The Politics of Consumption (II)

Is individual action the key to reducing the impacts of consumption?

What possibilities exist for a politics of sufficiency that aims to promote alternatives to high-consumption lifestyles in wealthy nations?

Is it possible to live well while consuming less?

Required:

Maniates, Michael. 2020. "Beyond Magical Thinking." In *Routledge Handbook of Global Sustainability Governance*, edited by A. Kalfagianni, D. Fuchs, and A. Hayden. London: Routledge.

Hayden, Anders. 2020. "Sufficiency." In *Routledge Handbook of Global Sustainability Governance*, edited by A. Kalfagianni, D. Fuchs, and A. Hayden. London: Routledge.

De Graaf, John. 2010. "Reducing Work Time as a Path to Sustainability." Pp. 173-177 in *State of the World 2010*. New York: W.W. Norton & Co.

<http://blogs.worldwatch.org/transformingcultures/wp-content/uploads/2009/04/Reducing-World-Time-as-a-Path-to-Sustainability-de-Graaf.pdf>

Parsons, Adam. 2014. "The sharing economy: a short introduction to its political evolution." January 21. London: Share the World's Resources. <http://www.sharing.org/information-centre/articles/sharing-economy-short-introduction-its-political-evolution>

Recommended:

Andrews, Cecile and Wanda Urbanska. 2010. "Inspiring People to See That Less is More." Pp. 178-184 in *State of the World 2010*. New York: W.W. Norton & Co. <http://blogs.worldwatch.org/transformingcultures/wp-content/uploads/2010/12/Inspiring-People-to-See-That-Less-is-More-Andrews-and-Urbanska.pdf>

Botsman, Rachel, and Roo Rogers. 2010. *What's Mine Is Yours: The Rise of Collaborative Consumption*. New York: Harper Business.

Cohen, Maurie J. 2016. *The Future of Consumer Society: Prospects for Sustainability in the New Economy*. New York: Oxford University Press.

Cox, Stan. 2013. *Any Way You Slice It the Past, Present, and Future of Rationing*. New York: New Press.

Day, Amber. 2016. "Culture Jamming and Media Activism." Pp. 503–17 in *A Companion to Popular Culture*, edited by G. Burns. Wiley.

Dauvergne, Peter. 2010. "The Problem of Consumption." *Global Environmental Politics* 10(2):1-10.

Frenken, Koen and Juliet Schor. 2017. "Putting the Sharing Economy into Perspective." *Environmental Innovation and Societal Transitions* 23:3–10.

Fuchs, Doris A. and Sylvia Lorek. 2005. "Sustainable Consumption Governance: A History of Promises and Failures." *Journal of Consumer Policy* 28:261-288.

Gardner, Gary and Erik Assadourian. 2004. "Rethinking the Good Life." Pp. 164-180 in *State of the World 2004: The Consumer Society*. New York: W.W. Norton & Co.

Government Offices of Sweden. 2016. *Strategy for Sustainable Consumption*. Stockholm: Ministry of Finance. <http://www.government.se/4a9932/globalassets/government/dokument/finansdepartementet/pdf/publikationer-infomtrl-rapporter/en-strategy-for-sustainable-consumption--tillganglighetsanpassadx.pdf>

Hindley, Jane. 2010. "Breaking the Consumerist Trance: The Reverend Billy and the Church of Stop Shopping." *Capitalism Nature Socialism* 21(4):118-126.

Hobson, Kersty. 2013. "'Weak' or 'strong' sustainable consumption? Efficiency, degrowth and the 10 year framework of programmes." *Environment and Planning C: Government and Policy* 31:1082-1098.

- Isenhour, Cindy. 2015. "Sustainable consumption and its discontents." Pp. 131-153 in *Sustainability*, edited by H. Kopnina. New York: Routledge.
- Kennedy, Emily Huddart, Harvey Krahn, and Naomi T. Krogman. 2013. "Downshifting: An Exploration of Motivations, Quality of Life, and Environmental Practices." *Sociological Forum* 28(4):764–83.
- Leismann, Kristin, Martina Schmitt, Holger Rohn, and Carolin Baedeker. 2013. "Collaborative Consumption: Towards a Resource-Saving Consumption Culture." *Resources* 2(3):184–203.
- Lorek, Sylvia and Doris Fuchs. 2013. "Strong Sustainable Consumption Governance – Precondition for a Degrowth Path?" *Journal of Cleaner Production* 38:36–43.
- Maniates, Michael. 2001. "Individualization: Plant a Tree, Buy a Bike, Save the World?" *Global Environmental Politics* 1(3):31-52.
- Maniates, Michael. 2002. "In Search of Consumptive Resistance: The Voluntary Simplicity Movement." Pp. 199-235 in *Confronting Consumption*. Cambridge, MA: MIT Press.
- McLaren, Duncan and Julian Agyeman. 2015. *Sharing Cities: The Case for Truly Smart and Sustainable Cities*. Cambridge, MA: MIT Press. <https://s3.amazonaws.com/arena-attachments/1000295/bb7cd4f83ed905bbc6d637552433aaed.pdf>
- O'Rourke, Dara and Niklas Lollo. 2015. "Transforming Consumption: From Decoupling, to Behavior Change, to System Changes for Sustainable Consumption." *Annual Review of Environment and Resources* 40:233–259.
- Schneidewind, Uwe and Angelika Zahrnt. 2014. "The institutional framework for a sufficiency driven economy." *Ökologisches Wirtschaften* 29(3):30–33.
- Schor, Juliet B. 2001. "The Triple Imperative: Global Ecology, Poverty and Worktime Reduction." *Berkeley Journal of Sociology* XLV: 2-16.
- Schor, Juliet B. 2010. Chapter 4, "Living Rich on a Troubled Planet." Pp. 99-143 in *Plenitude: The New Economics of True Wealth*. New York: Penguin Press.
- Schor, Juliet. 2014. "Debating the Sharing Economy." *Great Transition Initiative*, October. http://www.greattransition.org/images/GTI_publications/Schor_Debating_the_Sharing_Economy.pdf
- Seyfang, Gill. 2009. "Sustainable Consumption: A Mainstream Agenda." Chapter 2 in *The New Economics of Sustainable Consumption. Seeds of Change*. London: Palgrave Macmillan.
- Seyfang, Gill. 2007. "Growing sustainable consumption communities: The case of local organic food networks." *International Journal of Sociology and Social Policy* 27(3/4):120-134.

November 4 and 6: Is Capitalism Sustainable? Radical Critiques of Endless Growth & Accumulation and Post-Capitalist Visions

What are capitalism's distinguishing features?

Why do critics believe capitalism is an anti-ecological system?

What might a post-capitalist alternative look like?

What lessons can be learned from the experience of Soviet socialism? And from other cases of socialism in practice?

What types of reforms do critics of capitalism propose as interim steps?

N.B. There will be a short quiz in class on November 6.

Required:

Magdoff, Fred and John Bellamy Foster. 2010. "What Every Environmentalist Needs to Know About Capitalism." *Monthly Review* 61(10): <http://monthlyreview.org/100301magdoff-foster.php>

Klein, Naomi. 2018. "Capitalism Killed Our Climate Momentum, Not 'Human Nature'." *The Intercept*, August 3. <https://theintercept.com/2018/08/03/climate-change-new-york-times-magazine/>

Monbiot, George. 2019. “Dare to Declare Capitalism Dead – Before It Takes Us All Down with It.” *The Guardian*, April 25.
<https://www.theguardian.com/commentisfree/2019/apr/25/capitalism-economic-system-survival-earth>

Löwy, Michael. 2018. “Why Ecosocialism: For a Red-Green Future.” *Great Transition Initiative*.
<https://greattransition.org/publication/why-ecosocialism-red-green-future> (Recommended: read replies to Löwy’s argument at <https://greattransition.org/publication/ecosocialism-roundtable>)

Murphy, Pat and Faith Morgan. 2013. “Cuba: Lessons from a Forced Decline.” Pp. 332-342 in *State of the World 2013: Is Sustainability Still Possible?* Washington, D.C. Worldwatch Institute.
<http://blogs.worldwatch.org/sustainabilitypossible/wp-content/uploads/2014/02/SOW2013-30-Murphy-and-Morgan-.pdf>

Editors. 2015. “Though Still Repressive, Cuba Slowly Improving Human Rights Record.” *World Politics Review*, April 8. <http://www.worldpoliticsreview.com/trend-lines/15484/though-still-repressive-cuba-slowly-improving-human-rights-record>

Salazar, Juan Francisco. 2015. “Buen Vivir: South America’s Rethinking of the Future We Want.” *The Conversation*, July 23. <https://theconversation.com/buen-vivir-south-americas-rethinking-of-the-future-we-want-44507>

Speth, James Gustave. 2017. “The Joyful Economy.” Next System Project.
<https://thenextsystem.org/the-joyful-economy> (Required reading from bottom of p. 5 to top of p. 13, pp. 20-22; remainder recommended.)

Highly Recommended:

Magdoff, Fred and Chris Williams. 2017. *Creating an Ecological Society: Toward a Revolutionary Transformation*. New York: Monthly Review Press. Chapters 2, 3, 11, 12.

Smith, Richard. 2016. “Six Theses on Saving the Planet.” Next System Project.
<https://thenextsystem.org/sites/default/files/2017-08/RichardSmith.pdf>

McKibben, Bill. 1996. “Enigma of Kerala.” *Utne Reader* March-April:103-112.
<http://www.utne.com/print?printid={F11AF25B-BA6D-4E18-8B6C-79E5CC4CD242}>

Recommended:

Altieri, Miguel A. and Fernando R. Funes-Monzote. 2012. “The Paradox of Cuban Agriculture.” *Monthly Review* 63(8):23-33. <http://monthlyreview.org/2012/01/01/the-paradox-of-cuban-agriculture>

Alvarez, Mavis, Martin Bourque, Fernando Funes, Lucy Martin, Armando Nova, and Peter Rosset. 2006. “Surviving Crisis in Cuba: The Second Agrarian Reform and Sustainable Agriculture.” Pp. 225-248 in *Promised Land: Competing Visions of Agrarian Reform*, edited by Peter Rosset, Raj Patel, and Michael Courville. Institute for Food and Development Policy. <http://www.foodfirst.org/files/bookstore/pdf/promisedland/12.pdf>

Angus, Ian. 2011. “**How to make an ecosocialist revolution.**” *Climate and Capitalism*,
<http://climateandcapitalism.com/2011/10/07/how-to-make-an-ecosocialist-revolution/>.

Augustin, Ed. 2017. “Cuban Human Rights and the Hypocrisy of the Media.” *Al Jazeera*, January 13.
<https://www.aljazeera.com/indepth/features/2017/01/cuban-human-rights-hypocrisy-media-170101112004892.html>

Chattopadhyay, Srikumar and Richard W. Franke. 2006. Pp. 286-308 in *Striving for Sustainability: Environmental Stress and Democratic Initiatives in Kerala*. New Delhi: Concept Publishing Company.

Foster, John Bellamy. 2017. “Trump and Climate Catastrophe.” *Monthly Review* 68(9):
<https://monthlyreview.org/2017/02/01/trump-and-climate-catastrophe/>

- Foster, John Bellamy and Brett Clark. 2012. "The Planetary Emergency." *Monthly Review* 64(7): <http://monthlyreview.org/2012/12/01/the-planetary-emergency>
- Foster, John Bellamy, Brett Clark, and Richard York. 2010. "Capitalism and the Curse of Energy Efficiency: The Return of the Jevons Paradox." *Monthly Review* 62(6): <http://monthlyreview.org/2010/11/01/capitalism-and-the-curse-of-energy-efficiency>
- French, Hilary F. 1991. "Restoring the East European and Soviet Environments." Pp. 93-112 in *State of the World 1991*, edited by Lester R. Brown et al. New York: W.W. Norton & Co.
- Gibson-Graham, J. K. and Community Economies Collective. 2017. "Cultivating Community Economies." Next System Project. <https://thenextsystem.org/cultivating-community-economies>
- Gonick, Cy. 2010. "Exploring Ecosocialism as a System of Thought." *Canadian Dimension*, August 26. <http://canadiandimension.com/articles/3268>
- Kovel, Joel. 2007. *The Enemy of Nature: The End of Capitalism or the End of the World?* London: Zed Books.
- Löwy, Michael. 2015. Chapter 5, "Ecosocial Struggles of Indigenous Peoples." Pp. 61-76 in *Ecosocialism: A Radical Alternative to Capitalist Catastrophe*. Chicago: Haymarket Books.
- Magdoff, Fred. 2014. "An Ecologically Sound and Socially Just Economy." *Monthly Review* 66(4): <http://monthlyreview.org/2014/09/01/an-ecologically-sound-and-socially-just-economy/>
- Malm, Andreas. 2016. *Fossil Capital: The Rise of Steam Power and the Roots of Global Warming*. London: Verso.
- Malm, Andreas. 2016. "Revolution in a Warming World: Lessons from the Russian to the Syrian Revolutions." *Socialist Register* 53:120–42.
- Martell, George. 2016. "Is there a socialist strategy in front of us?" *Canadian Dimension*, Autumn, pp. 10-19. See also other comments in this issue on "Leap, the Left, and the NDP."
- McKibben, Bill. 2005. "The Cuba Diet: What will you be eating when the revolution comes?" *Harper's*, April.
- Newell, Peter. 2015. "The Politics of Green Transformations in Capitalism." Pp. 67–84 in *The Politics of Green Transformations*, edited by I. Scoones, M. Leach, and P. Newell. London: Routledge.
- O'Connor, James. 1994. "Is Sustainable Capitalism Possible?" Pp. 152-175 in *Is Capitalism Sustainable?*, edited by M. O'Connor. New York: Guilford.
- Pansera, Mario and Richard Owen. 2016. "Innovation for de-growth: A case study of counter-hegemonic practices from Kerala, India." *Journal of Cleaner Production*.
- Rudel, Thomas K. 2019. "Cuba: Agro-Ecological Farming after the Soviet Collapse." In *Shocks, States, and Sustainability: The Origins of Radical Environmental Reforms*. Oxford: Oxford University Press.
- Swift, Richard. 2014. *S.O.S. Alternatives to Capitalism*. Ottawa: New Internationalist.
- Vanhulst, Julien and Adrian E. Beling. 2020. "Post-Eurocentric Sustainability Governance: Lessons from the Latin-American Buen Vivir Experiment." in *Routledge Handbook of Global Sustainability Governance*, edited by A. Kalfagianni, D. Fuchs, and A. Hayden. London: Routledge.
- Wall, Derek. 2010. *The Rise of the Green Left: Inside the Worldwide Ecosocialist Movement*. Pluto Press.
- Williams, Chris. 2010. *Ecology and Socialism*. Chicago: Haymarket Books.

November 11 and 13: No classes (study break)

November 18: Time for a Green New Deal?

Roberts, David. 2019. "The Green New Deal, Explained." *Vox*, March 30. <https://www.vox.com/energy-and-environment/2018/12/21/18144138/green-new-deal-alexandria-ocasio-cortez>

Economist. "The Problem with the Green New Deal." *The Economist*, February 11. <https://www.economist.com/democracy-in-america/2019/02/11/the-problem-with-the-green-new-deal>

Triantafyllou, Vaios. 2019. "Interview: John Bellamy Foster on the 'Green New Deal.'" *Climate & Capitalism*. <https://climateandcapitalism.com/2019/02/12/john-bellamy-foster-on-the-green-new-deal/>

Pollin, Robert. 2019. "Advancing a Viable Global Climate Stabilization Project: Degrowth versus the Green New Deal." *Review of Radical Political Economics* 51(2):311–19.

Schor, Juliet B. and Andrew K. Jorgenson. 2019a. "Is It Too Late for Growth?" *Review of Radical Political Economics* 51(2):320–29.

If you'd like additional background on the Green New Deal, the texts of the American GND resolution and the Canadian Pact for a Green New Deal are available at:

<https://www.congress.gov/bill/116th-congress/house-resolution/109/text>

<https://greennewdealcanada.ca/>

Highly recommended:

Pollin, Robert. 2019. "Degrowth versus Green New Deal: Response to Juliet Schor and Andrew Jorgenson." *Review of Radical Political Economics* 51(2):330–32.

Schor, Juliet B. and Andrew K. Jorgenson. 2019b. "Response to Bob Pollin." *Review of Radical Political Economics* 51(2):333–35.

Recommended:

2015. "The Leap Manifesto: A Call for a Canada Based on Caring for the Earth and One Another." <https://leapmanifesto.org/en/the-leap-manifesto/>

Adler, David and Pawel Wargan. 2019. "Stop Polluting Our Green New Deal." *Jacobin*, June 11. <https://jacobinmag.com/2019/06/green-new-deal-europe-capitalism>

Aronoff, Kate. 2019b. "Could a Green New Deal Make Us Happier People?" *The Intercept*. <https://theintercept.com/2019/04/07/green-new-deal-happiness/>.

Burton, Mark and Peter Somerville. 2019. "Degrowth: A Defence." *New Left Review* 115(January–February).

Kallis, Giorgos. 2019. "A Green New Deal Must Not Be Tied to Economic Growth." *Truthout*, March 10. <https://truthout.org/articles/a-green-new-deal-must-not-be-tied-to-economic-growth/>

Klein, Naomi. 2019. "The Battle Lines Have Been Drawn on the Green New Deal." *The Intercept*, February 13. <https://theintercept.com/2019/02/13/green-new-deal-proposal/>

Phillips-Fein, Kim. 2019. "Fear and Loathing of the Green New Deal." *The New Republic*, May 29. <https://newrepublic.com/article/153966/fear-loathing-green-new-deal>

Pollin, Robert. 2018. "De-Growth vs a Green New Deal." *New Left Review* (112):5–25.

November 20 and 25: Global Environmental Regimes

Are there any successful examples of global cooperation to address a major environmental challenge?

What key forces shape a country's position on global environmental agreements?

What are the key political challenges in achieving global cooperation to address ecological problems?

What are the key ingredients of an effective environmental regime?

What opportunities exist to strengthen global cooperation?

Required:

Chasek, Downie, and Brown: Pp. 105-126, 162-184, 257-308.

Highly Recommended:

Chasek, Downie, and Brown. Pp. 126-138 on “Hazardous Waste,” Pp. 187-201 on “Biodiversity Loss” and/or remaining cases of environmental regimes in chapters 3-4 that are of interest to you.

Recommended:

Clapp, Jennifer and Peter Dauvergne. 2011. “The Globalization of Environmentalism.” Pp. 47-86 in *Paths to a Green World: The Political Economy of the Global Environment*. Cambridge, MA: MIT Press.

Falk, Richard. 1971/2015. “State Sovereignty Endangers the Planet.” Pp. 144-149 in *Global Environmental Politics: From Person to Planet*, edited by Simon Nicholson and Paul Wapner. Boulder, CO: Paradigm Publishers.

Gareau, Brian J. 2014. *From Precaution to Profit: Contemporary Challenges to Environmental Protection in the Montreal Protocol*. Yale University Press.

Stoett, Peter J. 2012. *Global Ecopolitics: Crisis, Governance, and Justice*. Toronto: University of Toronto Press.

November 27 and December 2: Market-Based Environmentalism

Do market-based approaches represent the most effective and pragmatic response to environmental challenges?

What are the main challenges and limitations in applying market-based ideas to environmental problems such as climate change?

Is a carbon price the key to achieving greenhouse gas reduction goals or is the case for it overstated?

Does the political resistance to carbon pricing mean it is not worth the political cost? Can that resistance be overcome?

Required:

Dryzek, Chapter 6, “Leave it to the market: Economic Rationalism.” Pp. 122-144.

Beugin, Dale et al. 2018. *Clearing the Air: How Carbon Pricing Helps Canada Fight Climate Change*. Montreal: Canada’s Ecofiscal Commission. Pp. 4-17, 30-31. <http://ecofiscal.ca/wp-content/uploads/2018/04/Ecofiscal-Commission-Carbon-Pricing-Report-Clearing-the-Air-April-4-2018.pdf>

Fawcett, Mark. 2019. “Is It Time for a Strategic Retreat from Carbon Pricing?” *Maclean’s*, April 18. <https://www.macleans.ca/society/environment/is-it-time-for-a-strategic-retreat-from-carbon-pricing/>

Roberts, David. 2016. “The Political Hurdles Facing a Carbon Tax — and How to Overcome Them.” *Vox*, April 26. <https://www.vox.com/2016/4/26/11470804/carbon-tax-political-constraints>

Harrison, Kathryn. 2019. “Lessons from British Columbia’s Carbon Tax.” *Policy Options*, July 11. <https://policyoptions.irpp.org/magazines/july-2019/lessons-from-british-columbias-carbon-tax/>

Winter, Jennifer and Ian Urquhart. 2019. “Is a Carbon Tax the Best Way to Reduce GHG Emissions?” *Alberta Views*, July 1. <https://albertaviews.ca/carbon-tax-best-way-reduce-ghg-emissions/>

For additional background on the economic logic behind market-based approaches, see:

Krugman, Paul. 2010. "Building a Green Economy." *New York Times Magazine*, April 7.
<http://www.nytimes.com/2010/04/11/magazine/11Economy-t.html>

Recommended:

Anderson, Terry L. and Donald R. Leal. 2001. *Free Market Environmentalism*. New York: Palgrave. Chapter 1, "Visions of the Environment" and Chapter 2, "Rethinking the Way We Think."

Beder, Sharon. 2001. "Neoliberal Think Tanks and Free Market Environmentalism." *Environmental Politics* 10(2):128-33.

Blumm, Michael. 1992. "The Fallacies of Free Market Environmentalism." *Harvard Journal of Law and Public Policy* 15:371-389.

Boyce, James K. 2018. "Carbon Pricing: Effectiveness and Equity." *Ecological Economics* 150:52–61.

Hawken, Paul, Amory Lovins and L. Hunter Lovins. *Natural Capitalism: Creating the Next Industrial Revolution*. Chapter 13. "Making Markets Work." <http://www.natcap.org/images/other/NCchapter13.pdf>

Hillman, Mayer. 2004. "A Modest Proposal to Save the Planet." *The Independent*, May 27.
<http://www.independent.co.uk/environment/a-modest-proposal-to-save-the-planet-564794.html> .

Jaccard, Mark. 2018. "Divisive Carbon Prices Are Much Ado about Nothing." *The Globe and Mail*, December 14.
<https://www.theglobeandmail.com/opinion/article-divisive-carbon-prices-are-much-ado-about-nothing/>

Mintz, Jack. 2018. "Carbon Taxes Fail to Satisfy the Smell Test for Voters. What Went Wrong?" *Financial Post*, August 8. <https://business.financialpost.com/opinion/jack-mintz-carbon-taxes-fail-to-satisfy-the-smell-test-for-voters-what-went-wrong>

Murray, Brian and Nicholas Rivers. 2015. "British Columbia's Revenue-Neutral Carbon Tax: A Review of the Latest 'Grand Experiment' in Environmental Policy." *Energy Policy* 86:674–83.

Olmstead, Sheila M. and Robert N. Stavins. 2012. "Three Key Elements of a Post-2012 International Climate Policy Architecture." *Review of Environmental Economics and Policy* 6(2):1–22.

Schott, Stephan. 2013. "Carbon pricing options for Canada." *Canadian Public Policy* XXXIX: S109-S124.

Schwartz, John. 2018. "New Group, With Conservative Credentials, Plans Push for a Carbon Tax." *The New York Times*, June 20. <https://www.nytimes.com/2018/06/19/climate/carbon-tax-climate-change.html>

Sydee, Jasmin and Sharon Beder. 2006. "The Right Way to Go? Earth Sanctuaries and Market-based Conservation." *Capitalism, Nature, Socialism* 17(1): 83-98. <http://www.uow.edu.au/~sharonb/SydeeBeder.pdf>

Turner, Adair. 2017. "The Limits of Carbon Pricing." *Project Syndicate*, November 29.

Van Asselt, Harro. 2010. "Emissions trading: the enthusiastic adoption of an 'alien' instrument?" Pp. 125-144 in *Climate Change Policy in the European Union*, edited by A. Jordan, H. Van Asselt, T. Rayner, and F. Berkhout. Cambridge, UK: Cambridge University Press.

December 3: Review and Reflection

Which perspectives that we have covered do you believe have the most to contribute to environmental politics?

Dryzek. Chapter 11. "Ecological Democracy."

Chasek, Downie, and Brown. Chapter 7. "The Future of Global Environmental Politics."

Recommended:

Kingsolver, Barbara. 2008. "How to be Hopeful." <https://today.duke.edu/2008/05/kingsolver.html>

McKibben, Bill. 2012. "It's Time to Fight the Status Quo." *Solutions*, May-June, 44-46.
<http://www.thesolutionsjournal.com/node/1095>

Section B: University Policies, Statements, Guidelines and Resources for Support

This course is governed by the academic rules and regulations set forth in the University Calendar and the Senate, available at <https://academiccalendar.dal.ca/Catalog/ViewCatalog.aspx?pageid=viewcatalog&catalogid=81&chapterid=4424&loaduserredits=False>

University Statements

Territorial Acknowledgement:

Dalhousie University is located in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq. We are all Treaty people.¹

Academic Integrity

At Dalhousie University, we are guided in all of our work by the values of academic integrity: honesty, trust, fairness, responsibility and respect. As a student, you are required to demonstrate these values in all of the work you do. The University provides policies and procedures that every member of the university community is required to follow to ensure academic integrity.

What does academic integrity mean?

At university we advance knowledge by building on the work of other people. Academic integrity means that we are honest and accurate in creating and communicating all academic products. Acknowledgement of other people's work must be done in a way that does not leave the reader in any doubt as to whose work it is. Academic integrity means trustworthy conduct such as not cheating on examinations and not misrepresenting information. It is the student's responsibility to seek assistance to ensure that these standards are met.

How can you achieve academic integrity?

We must all work together to prevent academic dishonesty because it is unfair to honest students. The following are some ways that you can achieve academic integrity; some may not be applicable in all circumstances.

- Make sure you understand Dalhousie's policies on academic integrity (<http://academicintegrity.dal.ca/Policies/>)
- Do not cheat in examinations or write an exam or test for someone else
- Do not falsify data or lab results
- Be sure not to plagiarize, intentionally or unintentionally
- Clearly indicate the sources used in your written or oral work. This includes computer codes/ programs, artistic or architectural works, scientific projects, performances, web page designs, graphical representations, diagrams, videos, and images
- Do not use the work of another from the Internet or any other source and submit it as your own
- When you use the ideas of other people (paraphrasing), make sure to acknowledge the source
- Do not submit work that has been completed through collaboration or previously submitted for

¹ For more information about the purpose of territorial acknowledgements, or information about alternative territorial acknowledgements if your class is offered outside of Nova Scotia, please visit <https://native-land.ca/>.

another assignment without permission from your instructor (These examples should be considered only as a guide and not an exhaustive list.)

Where can you turn for help?

If you are ever unsure about any aspect of your academic work, contact me (or the TA). Other resources:

- Academic Integrity website <http://academicintegrity.dal.ca/>
Links to policies, definitions, online tutorials, tips on citing and paraphrasing
- Writing Centre

(http://www.dal.ca/campus_life/student_services/academic-support/writing-and-study-skills.html)

Assistance with learning to write academic documents, reviewing papers for discipline-specific writing standards, organization, argument, transitions, writing styles and citations

- Dalhousie Libraries Workshops (<http://libraries.dal.ca/>)

Online tutorials, citation guides, Assignment Calculator, RefWorks

- Dalhousie Student Advocacy Service (<http://studentservices.dal.ca/services/advocacy.html>)

Assists students with academic appeals and student discipline procedures.

- Senate Office (<http://senate.dal.ca>)

List of Academic Integrity Officers, discipline flowchart, Senate Discipline Committee

What will happen if an allegation of an academic offence is made against you?

As your instructor, I am required to report every suspected offence. The full process is outlined in the Faculty Discipline Flow Chart

(https://cdn.dal.ca/content/dam/dalhousie/pdf/dept/university_secretariat/FDPflowchartSEpt2016.pdf) and includes the following:

- Each Faculty has an Academic Integrity Officer (AIO) who receives allegations from instructors
- Based on the evidence provided, the AIO decides if there is evidence to proceed with the allegation and you will be notified of the process
- If the case proceeds, you will receive a PENDING grade until the matter is resolved
- If you are found guilty of an offence, a penalty will be assigned ranging from a warning, to failure of the assignment or failure of the class, to expulsion from the University. Penalties may also include a notation on your transcript that indicates that you have committed an academic offence.

If you have any questions about academic integrity and plagiarism, please ask.

Accessibility

The Student Accessibility Centre is Dalhousie's centre of expertise for student accessibility and accommodation. The advising team works with students on the Halifax campus who request accommodation as a result of: a disability, religious obligation, or any barrier related to any other characteristic protected under Human Rights legislation (NS, NB, PEI, NL).

If there are aspects of the design, instruction, and/or experiences within this course that result in barriers to your inclusion please contact the Study Accessibility Centre:

https://www.dal.ca/campus_life/academic-support/accessibility.html

Please note that your classroom may contain accessible furniture and equipment. It is important

that these items remain in the classroom, undisturbed, so that students who require their use will be able to fully participate.

Student Code of Conduct

Everyone at Dalhousie is expected to treat others with dignity and respect. The Code of Student Conduct allows Dalhousie to take disciplinary action if students don't follow this community expectation. When appropriate, violations of the code can be resolved in a reasonable and informal manner—perhaps through a restorative justice process. If an informal resolution can't be reached, or would be inappropriate, procedures exist for formal dispute resolution. (read more: https://www.dal.ca/dept/university_secretariat/policies/student-life/code-of-student-conduct.html)

Diversity and Inclusion – Culture of Respect

Every person at Dalhousie has a right to be respected and safe. We believe inclusiveness is fundamental to education. Dalhousie is strengthened in our diversity and dedicated to achieving equity. We are committed to being a respectful and inclusive community where everyone feels welcome and supported, which is why our university prioritizes fostering a culture of diversity and inclusiveness. Read more: <https://www.dal.ca/cultureofrespect.html>

University Policies and Programs

Important Dates in the Academic Year (including add/drop dates)

http://www.dal.ca/academics/important_dates.html

Dalhousie Grading Practices Policy

https://www.dal.ca/dept/university_secretariat/policies/academic/grading-practices-policy.html

Grade Appeal Process https://www.dal.ca/campus_life/academic-support/grades-and-student-records/appealing-a-grade.html

Sexualized Violence Policy https://www.dal.ca/dept/university_secretariat/policies/human-rights---equity/sexualized-violence-policy.html

Scent-Free Program <https://www.dal.ca/dept/safety/programs-services/occupational-safety/scent-free.html>

Learning and Support Resources

General Academic Support – Advising https://www.dal.ca/campus_life/academic-support/advising.html

Student Health & Wellness Centre https://www.dal.ca/campus_life/health-and-wellness.html

On Track (helps you transition into university, and supports you through your first year at Dalhousie and beyond https://www.dal.ca/campus_life/academic-support/On-track.html)

Indigenous Student Centre https://www.dal.ca/campus_life/communities/indigenous.html

Elders-in-Residence (The Elders in Residence program provides students with access to First Nations elders for guidance, counsel and support. Visit the office in the Indigenous Student Centre or contact the program at elders@dal.ca or 902-494-6803.)

<https://medicine.dal.ca/departments/core-units/global-health/diversity/indigenous-health/elders-in-residence.html>

Black Student Advising Centre: https://www.dal.ca/campus_life/communities/black-student-advising.html

International Centre https://www.dal.ca/campus_life/international-centre.html

South House Sexual and Gender Resource Centre <https://southhousehalifax.ca/>

LGBTQ2SIA+ Collaborative - <https://www.dal.ca/dept/hres/education-campaigns/LGBTQ2SIA-collaborative.html>

Library <http://libraries.dal.ca>

Copyright Office <https://libraries.dal.ca/services/copyright-office.html>

Dalhousie Student Advocacy Services <http://dsu.ca/dsas>

Dalhousie Ombudsperson https://www.dal.ca/campus_life/safety-respect/student-rights-and-responsibilities/where-to-get-help/ombudsperson.html

Human Rights and Equity Services <https://www.dal.ca/dept/hres.html>

Writing Centre https://www.dal.ca/campus_life/academic-support/writing-and-study-skills.html

Study Skills/Tutoring: https://www.dal.ca/campus_life/academic-support/study-skills-and-tutoring.html

Faculty or Departmental Advising Support: See <https://www.dal.ca/faculty/arts/programs.html> for links to departmental websites and information about advising