

POLI 4380 / 5380 Politics of Climate Change

Dalhousie University

3 credit hours

Fall 2021

Tuesdays, 2:35 p.m. – 5:25 p.m.

McCain 2102

Instructor: Dr. Anders Hayden
Office Hours: Henry Hicks 358, Tuesdays 1:30 – 2:25 p.m., Wednesdays 4:05 – 5:00 p.m., or online meetings by appointment (please e-mail me to set up an online appointment).
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The Political Science General Office on the third floor of the Henry Hicks Building will be open from 9:00-3:30, Monday to Friday, for the month of September.

This syllabus is based on the assumption that it will be possible to hold in-person classes throughout the fall 2021 semester. However, if *either* the university administration *or* the instructor determines that it is unsafe to meet in person, we will move the class online, with a weekly synchronous meeting during the scheduled class time on Tuesdays. If we have to move online, other changes to the syllabus may be necessary (e.g. to the attendance and participation grade).

All students are required to comply with health and safety requirements on campus, and should be considerate of others' health concerns. Non-compliance may be reported under the Code of Student Conduct.

For at least the month of September, masks should be worn in classrooms and lecture halls. The University's mask directive may be extended further into the fall term.

Course Description

This course examines the interactions between politics and climate change, including the emerging political responses that aim to limit greenhouse gas emissions and stabilize the climate as well as the impacts of a changing climate on political life. Among the key questions we will consider throughout the course: What are the key sources of disagreement in the political debate over how to respond to climate change? What does climate change mean for various political, social, and economic projects? What could be done politically to enable stronger responses to the challenge of climate change?

Topics include:

- the relationship between science and climate politics
- the controversial role of economic analysis in climate politics
- the emergence of a new climate capitalism that aims to link emissions reductions to economic expansion and business strategy

- proposals for alternatives that challenge an emphasis on economic growth, consumerism, and capitalist imperatives while emphasizing “climate justice”
- Canada’s climate record and reasons why climate change is a particularly difficult political challenge for this country
- the potential and limits of climate politics at the personal level through lifestyle and behaviour change
- international climate negotiations and the key sources of conflict among nations
- the growing acknowledgement of climate change as a security issue
- geo-engineering as a potential climate response and its political implications

The course emphasizes the political and social aspects of climate change. We will draw on understandings from the natural sciences where necessary for an informed analysis of the issues, but a natural sciences background is not necessary to take the course.

Pre-Requisite

It is *highly recommended* that undergraduates take 3385 Politics of the Environment prior to this course.

Course Format

The course will combine seminar discussion with some interactive lecturing, along with student presentations and the occasional use of short videos.

Expectations and Grading

Attendance and Participation	20%
Weekly “QIPs”	20%
Presentation	20%
Research Paper	40%

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 20%

You are expected to attend *every* class, having completed the assigned readings before class. (We only meet once a week, so each time you miss a class, you miss almost 10 percent of the total class time.) Attendance and participation is particularly important since this is a seminar class.

That said, if you are feeling ill – particularly if you have Covid symptoms – you should not come to class. In that case, let me know by email and submit a Student Declaration of Absence form (https://www.dal.ca/campus_life/safety-respect/student-rights-and-responsibilities/academic-policies/student-absence.html) on brightspace within three days. You can still participate by contributing comments to the online discussion board for the week. See details at the end of this section.

You are expected to participate actively and respectfully in group discussions *without dominating the discussion*. A good participant also demonstrates knowledge of the assigned readings and asks probing questions to the instructor and to fellow students.

Students will be assigned a participation mark for each class in accordance with the following guidelines:

Grade	Criteria
0	Absent (or physically present but not paying attention / distracted by technology)
1	Present, not disruptive. Tries to respond when called on but does not offer much. Demonstrates very infrequent involvement in discussion.
2	Demonstrates adequate preparation: knows basic case or reading facts, but does not show evidence of trying to interpret or analyze them. Offers straightforward information (e.g., straight from the case or reading), without elaboration or very infrequently (perhaps once a class). Does not offer to contribute to discussion, but contributes to a moderate degree when called on. Demonstrates sporadic involvement.
3	Demonstrates good preparation: knows case or reading facts well, has thought through implications of them. Offers interpretations and analysis of case material (more than just facts) to class. Contributes well to discussion in an ongoing way: responds to other students' points, thinks through own points, questions others in a constructive way, offers and supports suggestions that may be counter to the majority opinion. Demonstrates consistent ongoing involvement.
4	Demonstrates excellent preparation: has analyzed case exceptionally well, relating it to readings and other material (e.g., readings, course material, discussions, experiences, etc.). Offers analysis, synthesis, and evaluation of case material, e.g., puts together pieces of the discussion to develop new approaches that take the class further. Contributes in a very significant way to ongoing discussion: keeps analysis focused, responds very thoughtfully to other students' comments, contributes to the cooperative argument-building, suggests alternative ways of approaching material and helps class analyze which approaches are appropriate, etc. Demonstrates ongoing very active involvement.

Your overall attendance and participation grade will be based on the following formula:
 $\text{Attendance (one point per day, maximum of 12)} + (\text{average participation grade out of 4} \times 2) = \text{maximum of 20.}$

Supplementary option – online discussion board: If you are not able to attend class for health or other legitimate reasons (please let me know about that by email), or if you would like to add extra comments or questions on the reading before or after class, you can do so on the weekly online discussion board. Posts should be approximately 75-100 words (although they can be longer) and be added *no more than five days after the class* in question has taken place. This

should not be your main form of participation throughout the semester, but it can be used to add to your contributions in class.

Weekly “QIPs” 20%

Starting in week 2, *before the beginning* of class, you will submit a reflection on the week’s readings. The reflection will be 400-500 words in length for undergraduate students and 600-750 words for graduate students. The weekly **QIPs should be submitted on brightspace before the beginning of the class in question** since the goal is for you to reflect on the reading before class. However, you will have an opportunity to catch up on late QIPs and submit them after the due date – albeit with a substantial late penalty. Late QIPs can be submitted any time until December 10 with a late penalty of 15%, or 0.3 out of 2.

One possible model to follow in your reflection is to identify *at least* one Question (Q), Interesting or Important Point (I), and Problem (P) that you identified in the readings (or had with them)—hence the acronym QIP. However, if you find that model too constraining, you are not required to follow it, as long as you show that you have done the reading and reflected on it.

The main goal of the QIPs is to encourage you to think about the readings and the issues that you would like to discuss *before* coming to class. They also give the instructor an opportunity to identify any common questions or problems, which will then be discussed in class.

You will receive one point for each QIP you submit, up to a *maximum of 10*, over the semester. You will also receive an additional qualitative grade out of 10 on your QIPs throughout the semester. The qualitative grade will be based on three main grading categories: excellent (0.8 points), satisfactory (0.6 points), and less than satisfactory (0.3 to 0.5 points). Therefore if you submit a satisfactory QIP, you will receive $1 + 0.6 = 1.6$ points, equivalent to an A-minus grade. An excellent QIP will earn 1.8 points, equivalent to an A-plus, while a less than satisfactory QIP could earn 1.3 points, equivalent to a C. (In rare cases of particularly poor work, I reserve the right to give a lower grade.)

As you will see, the majority of the points are given for showing that you are doing the reading, understanding key themes, and reflecting thoughtfully upon them. If you do that *every week*, you will get a grade in the A-minus range on this component of the course. Higher grades may be assigned to QIPs that show strong insights, particularly thoughtful commentary on key themes that cut across the readings for the week—rather than focusing on secondary details or looking at the readings in isolation—or an ability to make relevant links to wider issues in debates over climate politics beyond those specifically addressed in the readings. Lower grades may be assigned to QIPs that do not illustrate an adequate effort in having completed the week’s readings or in identifying and commenting upon relevant themes.

Presentations 20%

Each student will make a *10 minute* presentation during the semester on a specific issue of their choice related to climate *politics*. (It should *not* be a presentation on climate *science*, or primarily about technical matters, although it can be about political or policy issues related to the science or technology.) Afterwards, the presenter will lead a class discussion based on questions that they have prepared in advance. Further details on the content of presentations will be posted on brightspace.

Note that presentations do not have to be related to the topic of the class for that day. Students are encouraged to use their presentation as an opportunity to develop ideas for their research papers. Guidelines indicating how the presentations are to be graded will be distributed on brightspace.

Research Paper 40%

Undergraduate students will write a paper of 4,000 words, while graduate student papers should be 6,000 to 8,000 words. Papers are due on the last day of class, November 30.

In previous years, some students have left the work on their papers to the last minute and received a lower grade than they were capable of. If you see that you will have a very busy end-of-semester (e.g. with an honours thesis to complete), I suggest that you either aim to complete work on your paper well in advance of the deadline or you ask for an extension well in advance. I will consider requests for extensions if you plan ahead and ask by October 22.

A list of possible paper topics will be distributed on brightspace. You are also free to propose your own topic, subject to approval of the instructor. The main criterion is that it must be related to the *politics* of climate change.

You have the *option* of submitting a 1-2 page proposal, plus an initial bibliography, by October 22. 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 help avoid a last-minute rush.

Additional Information for Graduate Students

The requirements for graduate students are somewhat different from those for undergraduates. The number of and types of assignments are the same, but the expectations for these assignments are considerably higher:

1. In all assignments, graduate students are expected to show a deeper analytical ability when evaluating readings, to show familiarity with a wider variety of sources, and to illustrate greater sophistication of thought in both verbal and written forms.
2. The writing style for graduate students should illustrate greater sophistication, both in the construction of the argument and in the clarity of writing.
3. While all students are expected to be prepared for each seminar, graduate students are expected to be particularly able to identify and critically discuss key themes in the week's readings. Graduate students are expected to be particularly active in discussions.
4. At the graduate level, students should show greater understanding of the nuances of criticism, e.g. how to provide intellectually incisive criticism in a respectful and constructive manner.
5. Graduate students will be expected to write longer research papers and weekly "QIPs" (see details above). Graduate students may choose to tailor their research papers to their thesis work, but this should be discussed with the instructor in advance.

Late Penalties

Research papers 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.

See section on “Weekly ‘QIPs’” above for the specific late penalties for those assignments.

Plagiarism

All students need to be familiar with the norms surrounding plagiarism and academic integrity.

To ensure that you understand what plagiarism is, see:

https://www.dal.ca/dept/university_secretariat/academic-integrity/plagiarism-cheating.html.

I also suggest that you take the following online quiz: <https://www.bc.edu/bc-web/schools/mcas/departments/political-science/undergraduate/academic-integrity/academic-integrity-quiz.html>. You might find some surprises.

N.B. I have often had to report students for academic integrity violations. In some cases, the violations appeared to be unintentional as the students did not understand the rules for the proper citation of others' work. Don't let it happen to you—or me (it's no fun for anybody).

The instructor may use plagiarism detection software to review assignments.

If you have any questions about academic integrity and plagiarism, please ask. Also see the University Statement on “Academic Integrity” in section B near the end of this syllabus.

Required Books

Aronoff, Kate, Alyssa Battistoni, Daniel Aldana Cohen, and Thea Riofrancos. 2019. *A Planet to Win: Why We Need a Green New Deal*. New York: Verso. (Available through Dalhousie Bookstore).

Hulme, Mike, ed. 2020. *Contemporary Climate Change Debates*. London: Earthscan. (Available through Dalhousie Bookstore).

Jaccard, Mark. 2020. *The Citizen's Guide to Climate Success: Overcoming Myths That Hinder Progress*. Cambridge, UK: Cambridge University Press. (Available online free of charge: <https://www.cambridge.org/core/books/citizens-guide-to-climate-success/49D99FBCBD6FCACD5F3D58A7ED80882D>).

WEEKLY THEMES AND READINGS

N.B. You can find the readings either in the required book on the course website on brightspace, unless otherwise indicated. Class schedule is subject to change.

Since the politics of climate change is evolving rapidly, the instructor may choose to replace some scheduled readings if relevant new readings become available. Any changes in assigned readings will be announced in class and on Brightspace.

Week 1: September 7: Introduction

Required:

Ripple, William J., Christopher Wolf, Thomas M. Newsome, Phoebe Barnard, and William R. Moomaw. 2020. "World Scientists' Warning of a Climate Emergency." *BioScience* 70(1):8–12.

Cornell, Sarah E., and Aarti Gupta. 2020. "Is Climate Change the Most Important Challenge of Our Times?" Pp. 6–18 in *Contemporary Climate Change Debates: A Student Primer*, edited by M. Hulme. London: Earthscan.

Jaccard, Mark. 2020. "The Role of Myths in Our Climate-Energy Challenge." Pp. 1-28 in *The Citizen's Guide to Climate Success: Overcoming Myths That Hinder Progress*. Cambridge, UK: Cambridge University Press.

Klein, Naomi. 2019. "Foreword." In *A Planet to Win: Why We Need a Green New Deal*. New York: Verso.

Highly recommended:

UNEP. 2020. Foreword and Executive Summary, pp. xiii-xxv, *Emissions Gap Report 2020*. Nairobi: United Nations Environment Programme. <https://www.unep.org/emissions-gap-report-2020>

Focus on the key points in bold and the big picture in the UNEP report; you can skim more technical details. You may want to refer to the glossary near beginning of the report for explanation of terms and abbreviations (e.g. NDCs).

Recommended:

Hulme, Mike. 2009. Pp. xxi-xxxiv and Chapter 1, "The Social Meanings of Climate," especially pp. 18-33. *Why We Disagree About Climate Change: Understanding Controversy, Inaction, and Opportunity*. Cambridge, UK: Cambridge University Press.

IPCC. 2018. *Global Warming of 1.5°C: Summary for Policymakers*. Geneva: Intergovernmental Panel on Climate Change. https://www.ipcc.ch/site/assets/uploads/sites/2/2018/07/SR15_SPM_High_Res.pdf

IPCC. 2021. "Summary for Policymakers." in *Climate Change 2021: The Physical Science Basis. Contribution of Working Group I to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge, UK: Intergovernmental Panel on Climate Change. https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC_AR6_WGI_SPM.pdf

Rapley, Chris and Duncan Macmillan. 2014. "Climate change is not just about science – it's about the future we want to create." *The Observer*, November 22. <http://www.theguardian.com/science/2014/nov/22/-sp-climate-change-special-report>.

World Resources Institute. 2018. "8 Things You Need to Know About the IPCC 1.5°C Report." October 7. <https://www.wri.org/blog/2018/10/8-things-you-need-know-about-ipcc-15-c-report>

Week 2: September 14: Science and Climate Politics

How wide is the scientific consensus on climate change? How much does the extent of consensus matter politically?

Why have some political actors continued to resist the findings of mainstream climate science?

Why is there such a wide gap between scientific understandings of climate change and public opinion about the state of the science? And between scientific understandings and the degree of political action?

What role have climate science "doubters" played in questioning/undermining the basis for political action on climate change?

What strategies could be effective in responding to climate science denial?

What different forms can climate science “denial” take? Is climate “delay” and unwillingness to take the strong action required in light of scientific findings the main form of denial today, even among those who claim to accept climate science?

Required:

Jaccard, Mark. 2020. “Climate Scientists Are Conspirators.” Pp. 39-57 in *The Citizen’s Guide to Climate Success: Overcoming Myths That Hinder Progress*. Cambridge, UK: Cambridge University Press.

Dunlap, Riley E., and Robert J. Brulle. 2020. “Sources and Amplifiers of Climate Change Denial.” Pp. 49–61 in *Research Handbook on Communicating Climate Change*, edited by D. C. Holmes and L. M. Richardson. Cheltenham, UK: Edward Elgar.

Kahan, Dan. 2012. “Why we are poles apart on climate change.” *Nature* 488(7411):255.

Cook, John and Warren Pearce. 2020. “Is emphasising consensus in climate science helpful for policymaking?” Pp. 127-144 in *Contemporary Climate Change Debates*, edited by M. Hulme. London: Earthscan.

Farrell, Justin, Kathryn McConnell, and Robert Brulle. 2019. “Evidence-Based Strategies to Combat Scientific Misinformation.” *Nature Climate Change* 9(3):191–95.

Lamb, William F., Giulio Mattioli, Sebastian Levi, J. Timmons Roberts, Stuart Capstick, Felix Creutzig, Jan C. Minx, Finn Müller-Hansen, Trevor Culhane, and Julia K. Steinberger. 2020. “Discourses of Climate Delay.” *Global Sustainability* 3. doi: 10.1017/sus.2020.13.

Klein, Seth. 2020. Chapter 2, “What We’re Up Against: The New Climate Denialism in Canada.” *A Good War: Mobilizing Canada for the Climate Emergency*. Toronto: ECW Press. (Pp. 25-37, 52-56 required; remainder of chapter optional).

Hultman, Martin, Anna Björk, and Tamy Viinikka. 2019. “The Far Right and Climate Change Denial.” Pp. 121-135 in *The Far Right and the Environment: Politics, Discourse and Communication*, edited by B. Forchtner. Abingdon, UK: Routledge.

Highly Recommended:

Krugman, Paul. 2018. “Climate Denial Was the Crucible for Trumpism.” *The New York Times*, December 7. <https://www.nytimes.com/2018/12/03/opinion/climate-denial-trump-gop.html>

Otto, Friederike E.L. and Greg Lusk. 2020. “Should individual extreme weather events be attributed to human agency?” Pp. 36–49 in *Contemporary Climate Change Debates*, edited by M. Hulme. London: Earthscan.

Van der Linden, Sander, Edward Maibach, and Anthony Leiserowitz. 2015. “Improving Public Engagement With Climate Change: Five ‘Best Practice’ Insights From Psychological Science.” *Perspectives on Psychological Science* 10(6):758–63.

Recommended

Boussalis, Constantine and Travis G. Coan. 2016. “Text-Mining the Signals of Climate Change Doubt.” *Global Environmental Change* 36:89–100.

Boykoff, Maxwell T. and Shawn K. Olson. 2013. “‘Wise Contrarians’: A Keystone Species in Contemporary Climate Science, Politics and Policy.” *Celebrity Studies* 4(3):276–291.

Boykoff, Maxwell T. and Jules M. Boykoff. 2004. “Balance as Bias: Global Warming and the US Prestige Press.” *Global Environmental Change* 14:125-136.

- Carmichael, Jason T. and Robert J. Brulle. 2017. "Elite Cues, Media Coverage, and Public Concern: An Integrated Path Analysis of Public Opinion on Climate Change, 2001–2013." *Environmental Politics* 26(2):232–52.
- Cook, John et al. 2016. "Consensus on Consensus: A Synthesis of Consensus Estimates on Human-Caused Global Warming." *Environmental Research Letters* 11(4):048002.
- Responses to Cook et al 2016:
- Pearce, Warren et al. 2017. "Beyond Counting Climate Consensus." *Environmental Communication* 11(6):723–30.
- Cook, John. 2017. "Response by Cook to 'Beyond Counting Climate Consensus.'" *Environmental Communication* 11(6):733–35.
- Cook, John. 2019. "Understanding and Countering Misinformation About Climate Change." Pp. 281–306 in *Handbook of Research on Deception, Fake News, and Misinformation Online*, edited by I. E. Chilwa and S. A. Samoilenko. Hershey, PA: IGI Global.
- Dunlap, Riley E. and Aaron M. McCright. 2015. "Challenging Climate Change: The Denial Countermovement." Pp. 300–322 in *Climate Change and Society: Sociological Perspectives*, edited by R. E. Dunlap and R. J. Brulle. New York: Oxford University Press.
- Dunlap, Riley E., Aaron M. McCright, and Jerrod H. Yarosh. 2016. "The Political Divide on Climate Change: Partisan Polarization Widens in the U.S." *Environment: Science and Policy for Sustainable Development* 58(5):4–23.
- Garrard, Greg, Axel Goodbody, George B. Handley, and Stephanie Posthumus. 2019. *Climate Change Scepticism: A Transnational Ecocritical Analysis*. Bloomsbury.
- Hamilton, Clive. 2010. "Why We Resist the Truth About Climate Change." http://clivehamilton.com/wp-content/uploads/2012/11/why_we_resist_the_truth_about_climate_change.pdf
- Hulme, Mike. 2009. Chapter 3, "The Performance of Science." *Why We Disagree About Climate Change: Understanding Controversy, Inaction, and Opportunity*. Cambridge, UK: Cambridge University Press.
- Klein, Naomi. 2014. Pp. 31-46 in *This Changes Everything: Capitalism vs. the Climate*. Toronto: Knopf Canada.
- Krange, Olve, Bjørn P. Kaltenborn, and Martin Hultman. 2019. "Cool Dudes in Norway: Climate Change Denial among Conservative Norwegian Men." *Environmental Sociology* 5(1):1–11.
- Kofman, Ava. 2018. "Bruno Latour, the Post-Truth Philosopher, Mounts a Defense of Science." *The New York Times Magazine*, October 25. <https://www.nytimes.com/2018/10/25/magazine/bruno-latour-post-truth-philosopher-science.html>
- Lavelle, Marielle. 2017. "5 Shades of Climate Denial, All on Display in the Trump White House." *Inside Climate News*, June 9. <https://insideclimatenews.org/print/46337>
- Marshall, George. 2014. *Don't Even Think About It: Why Our Brains Are Wired to Ignore Climate Change*. New York: Bloomsbury.
- McCright, Aaron M. and Riley E. Dunlap. 2010. "Anti-reflexivity: The American Conservative Movement's Success in Undermining Climate Science and Policy." *Theory, Culture & Society* 27(2–3):100–133.
- McCright, Aaron M. and Riley E. Dunlap. 2011. "Cool Dudes: The Denial of Climate Change among Conservative White Males in the United States." *Global Environmental Change* 21(4):1163–72.
- McCright, Aaron M., Meghan Charters, Katherine Dentzman, and Thomas Dietz. 2016. "Examining the Effectiveness of Climate Change Frames in the Face of a Climate Change Denial Counter-Frame." *Topics in Cognitive Science* 8(1):76–97.
- Oreskes, Naomi and Erik M. Conway. 2010. *Merchants of Doubt*. New York: Bloomsbury Press (especially ch. 6).
- Painter, James, and Teresa Ashe. 2012. "Cross-national comparison of the presence of climate scepticism in the print media in six countries, 2007–10." *Environmental Research Letters* 7(4):1–8.
- Powell, James Lawrence. 2015. "Climate Scientists Virtually Unanimous: Anthropogenic Global Warming Is True." *Bulletin of Science, Technology & Society* 35(5-6):121–124.

Roberts, David. 2017. "Conservatives Probably Can't Be Persuaded on Climate Change. So Now What?" *Vox*, November 10. <https://www.vox.com/energy-and-environment/2017/11/10/16627256/conservatives-climate-change-persuasion>

Stern, Paul et al. 2016. "The challenge of climate-change neoskepticism." *Science* 353(6300):653-654.

University of Maryland. 2015. "UMD Study Finds Climate Change Debate Fueled by 'Echo Chambers'." *UMD Right Now*, May 27. <http://www.umdrightnow.umd.edu/news/umd-study-finds-climate-change-debate-fueled-echo-chambers>

Union of Concerned Scientists. 2018. "Scientists Agree: Global Warming is Happening and Humans are the Primary Cause." Cambridge, MA: Union of Concerned Scientists. <https://www.ucsusa.org/resources/global-warming-happening-and-humans-are-primary-cause>

Union of Concerned Scientists. 2015. "Climate Deception Dossiers: Internal Fossil Fuel Industry Memos Reveal Decades of Corporate Disinformation." Cambridge, MA: Union of Concerned Scientists. <http://www.ucsusa.org/sites/default/files/attach/2015/07/The-Climate-Deception-Dossiers.pdf>

Young, Nathan and Aline Coutinho. 2013. "Government, Anti-Reflexivity, and the Construction of Public Ignorance about Climate Change: Australia and Canada Compared." *Global Environmental Politics* 13(2):89–108.

Week 3: September 21: Economics and Climate Politics

How do we determine how much effort to make to combat climate change? Is the economic tool of cost-benefit analysis the right way to decide?

Is strong action to address climate change a "win-win" scenario that also produces economic benefits?

Is it feasible to reconcile the continued pursuit of economic growth with stabilization of the climate?

Has economics made a valuable contribution to addressing the climate challenge or has it contributed to delay and insufficient action?

Required:

Hulme, Mike. 2009. Chapter 4, "The Endowment of Value." *Why We Disagree About Climate Change: Understanding Controversy, Inaction, and Opportunity*. Cambridge, UK: Cambridge University Press.

Stern, Nicholas. 2016. "Economics: Current Climate Models Are Grossly Misleading." *Nature News* 530(7591):407.

Global Commission on the Economy and Climate. 2018. *Unlocking the Inclusive Growth Story of the 21st Century: Accelerating Climate Action in Urgent Times*. Washington, D.C.: World Resources Institute. https://newclimateeconomy.report/2018/wp-content/uploads/sites/6/2018/12/NCE_2018Report_Full_FINAL.pdf. (Required: Pp. 10-16.)

Hickel, Jason, and Giorgos Kallis. 2019. "Is Green Growth Possible?" *New Political Economy* 25:469–86.

Bernstein, Jared. 2019. "The Climate Crisis and the Failure of Economics." *Vox*, October 11. <https://www.vox.com/2019/10/11/20906786/climate-change-economics-price-signal-future-discounting>

Nunn, Ryan, Jimmy O'Donnell, Jay Shambaugh, Lawrence H. Goulder, Charles D. Kolstad, and Xianling Long. 2019. *Ten Facts about the Economics of Climate Change and Climate Policy*. The Hamilton Project and the Stanford Institute for Economic Policy Research. <https://www.brookings.edu/wp->

content/uploads/2019/10/20191025_ES_THP_Environmental_Facts_FINAL.pdf . (Required: Pp. 7-16.)

Hickel, Jason. 2018. "The Nobel Prize for Climate Catastrophe." *Foreign Policy*, December 6. <https://foreignpolicy.com/2018/12/06/the-nobel-prize-for-climate-catastrophe/>

Highly Recommended:

Pisani-Ferry, Jean. 2021. *Climate Policy Is Macroeconomic Policy, and the Implications Will Be Significant*. Washington, D.C.: Peterson Institute for International Economics. <https://www.piie.com/system/files/documents/pb21-20.pdf>

Gerlagh, Reyer, Roweno Heijmans, and Kozo Torasan Mayumi. 2020. "Can the Social Cost of Carbon Be Calculated?" Pp. 65–78 in *Contemporary Climate Change Debates: A Student Primer*, edited by M. Hulme. London: Earthscan.

Keen, Steve. 2020. "The Appallingly Bad Neoclassical Economics of Climate Change." *Globalizations* 0(0):1–29. doi: 10.1080/14747731.2020.1807856

Roos, Michael, and Franziska M. Hoffart. 2021. Pp. 83-91 in *Climate Economics: A Call for More Pluralism and Responsibility*. London: Palgrave Macmillan.

Recommended:

Ackerman, Frank. 2009. "Much less wrong: the Stern Review versus its critics." Pp. 82-96 in *Can We Afford the Future? The Economics of a Warming World*. London: Zed Books.

Anderson, Kevin. 2013. "Avoiding dangerous climate change demands de-growth strategies from wealthier nations." *Kevin Anderson (Blog)*, November 23. <http://kevinanderson.info/blog/avoiding-dangerous-climate-change-demands-de-growth-strategies-from-wealthier-nations/>

Anderson, Kevin, and Alice Bows. 2012. "A new paradigm for climate change." *Nature Climate Change* 2(9):639–640.

Baer, Paul. 2007. "The worth of an ice-sheet: A critique of the treatment of catastrophic impacts in the Stern Review." *EcoEquity*. <http://www.ecoequity.org/docs/WorthOfAnIceSheet.pdf>

Drews, Stefan and Jeroen C. J. M. van den Bergh. 2017. "Scientists' Views on Economic Growth versus the Environment: A Questionnaire Survey among Economists and Non-Economists." *Global Environmental Change* 46(Supplement C):88–103.

Dryzek, Norgaard, and Schlosberg. Chapter 3, "The Costs of Inaction and the Limits of Economics" in *Climate Challenged Society*. Oxford: Oxford University Press.

Fitzroy, Felix R. and Elissaios Papyrakis. 2016. Pp. 158-177, 185-187 in *An Introduction to Climate Change Economics and Policy*. 2nd edition. London: Routledge.

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- Roberts, David. 2015. "Climate Wonks Focus on Economics. They Need to Pay More Attention to Politics." *Vox*, May 8. <https://www.vox.com/2015/8/20/9179001/clean-energy-political-economy>
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- Wolf, Martin. 2012. "Living with Limits: Growth, Resources, and Climate Change." *Climate Policy* 12(6):772–83.
- York, Richard, Brett Clark, and John Bellamy Foster. 2009. "Capitalism in Wonderland." *Monthly Review*, May. <http://www.monthlyreview.org/090501-york-clark-foster.php>

Week 4: September 28: Climate Capitalism, Ecological Modernization, & Green Growth (I)

How are some countries trying to link climate policy to economic strategy?
 Does the carbon market offer a viable path to a low-carbon economy?
 Should we look to the finance sector to be a key part of the political coalition for climate action?
 Do the initial problems experienced with carbon markets suggest that other strategies should be at the centre of the response to climate change? Or are there signs that lessons have been learned to make carbon markets more effective?

Required:

- Watch this short video from Canada's Ecofiscal Commission: "Carbon pricing: how does a cap-and-trade system work?" <https://www.youtube.com/watch?v=bxs6ZrxLvHg>
- Newell, Peter and Matthew Paterson. 2009. "The Politics of the Carbon Economy." Pp. 80-99 in *The Politics of Climate Change: A Survey*, edited by M. Boykoff. London: Routledge.
- World Bank. 2021. Pp. 9, 16-30, 35-38 in *State and Trends of Carbon Pricing 2019*. Washington, D.C: World Bank. <https://openknowledge.worldbank.org/bitstream/handle/10986/35620/9781464817281.pdf>
- Sato, Misato, Timothy Laing, and Mike Hulme. 2020. "Are Carbon Markets the Best Way to Address Climate Change?" Pp. 83–95 in *Contemporary Climate Change Debates*, edited by M. Hulme. London: Earthscan.
- Evans, Simon. 2017. "Q&A: Will the Reformed EU Emissions Trading System Raise Carbon Prices?" *Carbon Brief*. <https://www.carbonbrief.org/qa-will-reformed-eu-emissions-trading-system-raise-carbon-prices>
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- Mildenberger, Matto and Leah C. Stokes. 2020. "The Trouble with Carbon Pricing." *Boston Review*, September 23. <https://bostonreview.net/science-nature-politics/leah-c-stokes-matto-mildenberger-trouble-carbon-pricing>

Stuart, Diana, Ryan Gunderson, and Brian Petersen. 2019. "Climate Change and the Polanyian Counter-Movement: Carbon Markets or Degrowth?" *New Political Economy* 24(1):89–102.

Highly recommended:

Carbon Market Watch. 2019. *Carbon Markets 101: The Ultimate Guide to Global Offsetting Mechanisms*. Carbon Market Watch.

Recommended:

Ball, Jeffrey. 2018. "Why Carbon Pricing Isn't Working." *Foreign Affairs* 97(4): 134-146.
<https://www.foreignaffairs.com/articles/world/2018-06-14/why-carbon-pricing-isnt-working>

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Branger, Frédéric, Oskar Lecuyer, and Philippe Quirion. 2015. "The European Union Emissions Trading Scheme: Should We Throw the Flagship out with the Bathwater?" *Wiley Interdisciplinary Reviews: Climate Change* 6(1):9–16.

Böhm, Steffen, Maria Ceci Misoczky, and Sandra Moog. 2012. "Greening Capitalism? A Marxist Critique of Carbon Markets." *Organization Studies* 33(11):1617–38.

Buen, Jørund. 2013. "CDM Criticisms: Don't Throw the Baby out with the Bathwater." Lysaker, Norway: Fridtjof Nansen Institute. <http://www.fni.no/doc&pdf/FNI-Climate-Policy-Perspectives-8.pdf>

Carbon Market Watch. 2021. *A New Hope - Recommendations for the EU Emissions Trading System Review*. Carbon Market Watch. https://carbonmarketwatch.org/wp-content/uploads/2021/04/A-New-Hope_recommendations-for-the-EU-ETS-review-2.pdf

CEO. 2015. "EU emissions trading: 5 reasons to scrap the ETS." Brussels: Corporate Europe Observatory. <https://corporateeurope.org/environment/2015/10/eu-emissions-trading-5-reasons-scrap-ets>

Childs, Mike. 2012. "Privatising the atmosphere: A solution or dangerous con?" *Ephemera* 12 (1/2):12-18. <http://www.ephemerajournal.org/sites/default/files/12-1childs.pdf>. See also other articles in special issue of journal *Ephemera* on the "Atmosphere Business": <http://www.ephemerajournal.org/issue/atmosphere-business>

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Gulbrandsen, Lars H., Jørgen Wettestad, David G. Victor, and Arild Underdal. 2019. "The Political Roots of Divergence in Carbon Market Design: Implications for Linking." *Climate Policy* 19(4):427–38.

Jevnaker, Torbjørg and Jørgen Wettestad. 2017. "Ratcheting Up Carbon Trade: The Politics of Reforming EU Emissions Trading." *Global Environmental Politics* 17(2):105–24.

Klein, Naomi. 2014. Pp. 218-229, "Trading in Pollution" in *This Changes Everything: Capitalism vs. the Climate*. Toronto: Knopf Canada.

La Hoz Theuer, Stephanie, Lambert Schneider, and Derik Broekhoff. 2019. "When Less Is More: Limits to International Transfers under Article 6 of the Paris Agreement." *Climate Policy* 19(4):401–13.

Michaelowa, Axel, Igor Shishlov, and Dario Brescia. 2019. "Evolution of International Carbon Markets: Lessons for the Paris Agreement." *WIREs Climate Change* 10(6):e613.

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Newell, Peter and Matthew Paterson. 2010. *Climate Capitalism*. Cambridge, UK: Cambridge University Press.

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- Sapinski, Jean Philippe. 2016. "Constructing Climate Capitalism: Corporate Power and the Global Climate Policy-Planning Network." *Global Networks* 16(1):89–111.
- Schmalensee, Richard and Robert N. Stavins. 2017. "The Design of Environmental Markets: What Have We Learned from Experience with Cap and Trade?" *Oxford Review of Economic Policy* 33(4):572–88.
- Scrap the EU ETS. 2013. "Civil society organisations demand that the EU scrap its emissions trading scheme." <http://scrap-the-euets.makenoise.org/english/> and <http://scrap-the-euets.makenoise.org/organisations/>
- Spash, Clive L. 2011. "Carbon Trading: A Critique." Pp. 550-560 in *The Oxford Handbook of Climate Change and Society*, edited by J. S. Dryzek, R.B. Norgaard, and D. Schlosberg. Oxford: Oxford University Press.
- Wettestad, Jørgen. 2014. "Rescuing EU Emissions Trading: Mission Impossible?" *Global Environmental Politics* 14(2):64–81.
- Wettestad, Jørgen and Lars H. Gulbrandsen, eds. 2017. *The Evolution of Carbon Markets: Design and Diffusion*. London: Routledge.

Week 5: October 5: Climate Capitalism, Ecological Modernization, & Green Growth (II)

Required:

- Jänicke, Martin. 2017. "Germany: Innovation and climate leadership." Pp. 254-269 in *The European Union in International Climate Change Politics: Still Taking a Lead?*, edited by R.K.W. Wurzel, J. Connelly, and D. Liefferink. Abingdon, UK: Routledge.
- Pflugmann, Fridolin, Ingmar Ritzenhofen, Fabian Stockhausen, and Thomas Vahlenkamp. 2019. "Germany Energy Transition: A Country at a Crossroads." Frankfurt: McKinsey & Company.
- Haas, Tobias. 2021. "From Green Energy to the Green Car State? The Political Economy of Ecological Modernisation in Germany." *New Political Economy* 26(4):660-673.
- Heggelund, Gørild M. 2021. "China's Climate and Energy Policy: At a Turning Point?" *International Environmental Agreements: Politics, Law and Economics* 21(1):9–23.
- Stern, Nicholas, and Chunping Xie. 2021. *China's New Growth Story: Linking the 14th Five-Year Plan with the 2060 Carbon Neutrality Pledge*. London: Grantham Research Institute on Climate Change and the Environment.
- Bloomberg. 2021. "China's Top Leaders Leave Tough Climate Decisions to Bureaucrats." *Bloomberg*, March 6. <https://www.bloomberg.com/news/articles/2021-03-06/china-s-top-leaders-leave-tough-climate-decisions-to-bureaucrats>
- Mazzucato, Mariana and Martha McPherson. 2018. "The Green New Deal: A Bold Mission-Oriented Approach." UCL Institute for Innovation and Public Purpose (IIPP) Policy Brief. London: UCL Institute for Innovation and Public Purpose. https://www.ucl.ac.uk/bartlett/public-purpose/sites/public-purpose/files/iipp-pb-04-the-green-new-deal-17-12-2018_0.pdf

Highly recommended

- Eckersley, Robyn. 2016. "National Identities, International Roles, and the Legitimation of Climate Leadership: Germany and Norway Compared." *Environmental Politics* 25(1):180–201.

Recommended:

- Chen, Geoffrey C. and Charles Lees. 2016. "Growing China's Renewables Sector: A Developmental State Approach." *New Political Economy* 21(6):574–86.
- Chun-fung, Geoffrey Chen. 2016. "The Forging of State-Led Ecological Modernisation: Renewable Energy in Jiangsu and Zhejiang Provinces, China." *China: An International Journal* 14(2):23–43
- Dent, Christopher M. 2015. "China's Renewable Energy Development: Policy, Industry and Business Perspectives." *Asia Pacific Business Review* 21(1):26–43.
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- Finamore, Barbara. 2018. "Catalyzing the Clean Energy Revolution. Pp. 61-84 in *Will China Save the Planet?* Cambridge, UK: Polity.
- Gawel, Erik, Sebastian Strunz, and Paul Lehmann. 2013. "Germany's Energy Transition Under Attack: Is There an Inscrutable German *Sonderweg*?" *Nature and Culture* 8(2):121-133.
- Gough, Ian and James Meadowcroft. 2011. "Decarbonizing the Welfare State." Pp. 490-503 in *The Oxford Handbook of Climate Change and Society*, edited by J. S. Dryzek, R.B. Norgaard, and D. Schlosberg. Oxford: Oxford University Press. [E-book available through Dal library]
- Heggelund, Gørild and Rebecca Nadin. 2017. "Climate Change Policy and Governance." Pp. 97-112 in *Routledge Handbook of Environmental Policy in China*. London: Routledge.
- Hess, David J. 2012. *Good green jobs in a global economy: Making and keeping new industries in the United States*. Cambridge, MA: MIT Press. (Especially chapter 3 on "Green Industrial Policy and the Eleventh Congress.")
- Hillebrand, Rainer. 2013. "Climate protection, energy security, and Germany's policy of ecological modernisation." *Environmental Politics* 22(4):664-682.
- Hook, Leslie. 2019. "Climate Change: How China Moved from Leader to Laggard." *Financial Times*, November 25. <https://www.ft.com/content/be1250c6-0c4d-11ea-b2d6-9bf4d1957a67>
- Li, Xinlei. 2017. "China: From a marginalized follower to an emerging leader in climate politics." Pp.254-269 in *The European Union in International Climate Change Politics: Still Taking a Lead?*, edited by R.K.W. Wurzel, J. Connelly, and D. Liefferink. Abingdon, UK: Routledge.
- MacNeil, Robert. 2014. "Climate Policy, Energy Technologies, and the American Developmental State." Pp. 45–71 in *Climate Innovation: Liberal Capitalism and Climate Change*, edited by N. E. Harrison and J. Mikler. Palgrave Macmillan UK. http://link.springer.com/chapter/10.1057/9781137319890_3
- Mazzucato, Mariana. 2015. "The green entrepreneurial state." Pp. 134-152 in *The Politics of Green Transformations*, edited by I. Scoones, M. Leach, Melissa, and P. Newell. London: Routledge.
- Mikfeld, Benjamin. 2011. "Ecological Industrial Policy: A Strategic Approach for Social Democracy in Germany." Berlin: Friedrich-Ebert-Stiftung. <http://library.fes.de/pdf-files/id/08482.pdf>
- Mol, Arthur. 2015. "China's Transition to Sustainability. Which Direction to Take?" Pp. 351–63 in *Routledge International Handbook of Sustainable Development*, edited by M. R. Redclift and D. Springett. Abingdon, UK: Routledge.
- Shen, Wei and Lei Xie. 2018. "The Political Economy for Low-Carbon Energy Transition in China: Towards a New Policy Paradigm?" *New Political Economy* 23(4):407–21.
- Strunz, Sebastian. 2014. "The German energy transition as a regime shift." *Ecological Economics* 100:150-158.
- Toke, David. 2017. *China's Role in Reducing Carbon Emissions: The Stabilisation of Energy Consumption and the Deployment of Renewable Energy*. Abingdon, UK: Routledge.

Week 6: October 12: Alternatives to Climate Capitalism (I)

Are "climate capitalism" and "ecological modernization" the only politically viable options to achieve deep emissions cuts?

Do we need to question the growth economy, consumerism, capitalism?

Is a growth-oriented Green New Deal a more politically and economically viable project than degrowth? Or is there a need for a synthesis combining the two projects?

Do political movements focused on climate justice and resisting extractivism offer more hope for solutions than “climate capitalism?”

Required:

Alfredsson, Eva et al. 2018. “Why Achieving the Paris Agreement Requires Reduced Overall Consumption and Production.” *Sustainability: Science, Practice and Policy* 14(1):1–5.

Gough, Ian. 2017. “Recomposing Consumption: Defining Necessities for Sustainable and Equitable Well-Being.” *Philosophical Transactions of the Royal Society A* 375:20160379.

Gough, Ian. 2017. “Post-growth, redistribution, and wellbeing.” Pp. 171-193 in *Heat, Greed and Human Need: Climate Change, Capitalism and Sustainable Wellbeing*. Cheltenham, UK: Edward Elgar.

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. 2019. “Is It Too Late for Growth?” *Review of Radical Political Economics* 51(2):320–29.

Whyte, Kyle Powys. 2019. “Way Beyond the Lifeboat: An Indigenous Peoples’ Allegory of Climate Justice.” Pp. 12-20 in *Climate Futures: Re-imagining Global Climate Justice*, edited by K.-K. Bhavnani, J. Foran, P. A. Kurian, and D. Munshi. London: Zed Books.

Stephens, Jennie C. 2019. “Energy Democracy: Redistributing Power to the People Through Renewable Transformation.” *Environment: Science and Policy for Sustainable Development* 61(2):4–13.

Highly recommended:

Hausknot, Daniel. 2020. “The Environmental State and the Glass Ceiling of Transformation.” *Environmental Politics* 29(1):17–37.

Koch, Max. 2020. “The State in the Transformation to a Sustainable Postgrowth Economy.” *Environmental Politics* 29(1):115–33.

Mastini, Riccardo, Giorgos Kallis, and Jason Hickel. 2021. “A Green New Deal without Growth?” *Ecological Economics* 179:106832.

Recommended:

Alexander, Samuel. 2016. *Policies for a Post-Growth Economy*. MSSSI Issues Paper No. 6. Melbourne: Melbourne Sustainable Society Institute.

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

Harris, Paul G. 2013. Chapter 7, “Consumption of Happiness: Sustainability and Wellbeing” in *What’s Wrong with Climate Politics and How to Fix It*. Cambridge: Polity.

Hulme, Mike. 2009. Chapter 8, “The Challenges of Development.” *Why We Disagree About Climate Change: Understanding Controversy, Inaction, and Opportunity*. Cambridge, UK: Cambridge University Press.

Jackson, Tim. 2017. *Prosperity Without Growth: Foundations for the Economy of Tomorrow*. 2nd ed. Abingdon, UK: Routledge.

Jackson, Tim. 2019. “The Post-Growth Challenge: Secular Stagnation, Inequality and the Limits to Growth.” *Ecological Economics* 156:236–46.

- Kallis, Giorgos. 2017. "Radical Dematerialization and Degrowth." *Philosophical Transactions of the Royal Society A* 375(2095):20160383.
- Kallis, Giorgos. 2018. *Degrowth*. Newcastle upon Tyne: Agenda Publishing.
- 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/>
- Kuhnhenh, Kai, Luis Costa, Eva Mahnke, Linda Schneider, and Steffen Lange. 2020. *A Societal Transformation Scenario for Staying Below 1.5°C*. Berlin / Leipzig: Heinrich Böll Foundation and Konzeptwerk Neue Ökonomie.
- Miller, Asher and Rob Hopkins. 2013. "Climate After Growth: Why Environmentalists Must Embrace Post-Growth Economics and Community Resilience." Santa Rosa, CA / Totnes, UK: Post Carbon Institute / Transition Network. <http://www.postcarbon.org/reports/Climate-After-Growth.pdf>
- Morris, Craig and Arne Jungjohann. 2017. "Energize the People to Effect Policy Change." *Nature* 551:S138–40.
- 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(1): 233-59.
- Quality of Life Policy Group. 2007. Pp. 3, 8-27 in "Blueprint for a Green Economy." London: Conservative Party.
- Pollin, Robert. 2018. "De-Growth vs a Green New Deal." *New Left Review* (112):5–25.
- Schor, Juliet. 2015. "Climate, Inequality, and the Need for Reframing Climate Policy." *Review of Radical Political Economics* 47(4):525–36.
- Stephens, Jennie C. 2020. *Diversifying Power: Why We Need Antiracist, Feminist Leadership on Climate and Energy*. Island Press.
- Turner, Adair. 2008. "Dethroning growth." Pp. 90-97 in *Do Good Lives Have to Cost the Earth?*, edited by A. Simms and J. Smith. London: Constable.
- Victor, Peter A. 2019. *Managing Without Growth: Slower by Design, Not Disaster*. 2nd ed. Cheltenham, UK: Edward Elgar.
- Welch, Daniel, and Dale Southerton. 2019. "After Paris: Transitions for Sustainable Consumption." *Sustainability: Science, Practice and Policy* 15(1):31–44.

Week 7: October 19: Alternatives to Climate Capitalism (II)

Required:

- Klein, Naomi. 2011. "Capitalism vs. the Climate." *The Nation*, November 9. <https://www.thenation.com/article/capitalism-vs-climate/> (For a more detailed version of Klein's analysis, see *This Changes Everything* in "highly recommended" section.)
- Aronoff, Kate, Alyssa Battistoni, Daniel Aldana Cohen, and Thea Riofrancos. 2019. *A Planet to Win: Why We Need a Green New Deal*. New York: Verso. (Required: Introduction, Chapters 2 and 4; Recommended: Chapter 3, Conclusion).
- Jaccard, Mark. 2020. "We Must Abolish Capitalism." Pp. 224-238 in *The Citizen's Guide to Climate Success: Overcoming Myths That Hinder Progress*. Cambridge, UK: Cambridge University Press. (This chapter was written in response to Naomi Klein's *This Changes Everything*, but you can consider the argument in relation to Aronoff et al. as well.)

If you'd like additional background on the contents of the Green New Deal, see:

- The text of the US Green New Deal resolution: <https://www.congress.gov/bill/116th-congress/house-resolution/109/text>
- Friedman, Lisa. 2019. "What Is the Green New Deal? A Climate Proposal, Explained." *New York Times*, February 21. <https://www.nytimes.com/2019/02/21/climate/green-new-deal-questions-answers.html>

Highly recommended:

Klein, Naomi. 2014. Pp. 31-46, 86-95; 96-119; 120-152, 293-305, 367-387 in *This Changes Everything: Capitalism vs. the Climate*. Toronto: Knopf Canada.

Foran, John. 2016. “Reimagining radical climate justice.” Pp. 150-165 in *Reimagining Climate Change*, edited by P. Wapner and H. Elver. London: Routledge.

Recommended:

Adkin, Laurie. 2017. “Crossroads in Alberta: Climate Capitalism or Ecological Democracy?” *Socialist Studies* 12(1):2-31.

Angus, Ian. 2016. *Facing the Anthropocene: Fossil Capitalism and the Crisis of the Earth System*. New York: Monthly Review Press.

Chomsky, Noam, and Robert Pollin. 2020. *Climate Crisis and the Global Green New Deal: The Political Economy of Saving the Planet*. London: Verso.

Climate Space, World Social Forum. 2013. “Change the System, Not the Climate.” *The Bullet*, April 25. <http://www.socialistproject.ca/bullet/810.php>

Ecosocialist International Network. 2008. “The Belem Ecosocialist Declaration.” <http://www.rabble.ca/news/belem-ecosocialist-declaration>

Foster, John Bellamy. 2015. ‘The Great Capitalist Climacteric’. *Monthly Review* 67(6):1–18. <http://monthlyreview.org/2015/11/01/the-great-capitalist-climacteric/>

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/>

Klein, Naomi. 2014. *This Changes Everything: Capitalism vs. the Climate*. Toronto: Knopf Canada.

Kovel, Joel and Michael Löwy. 2017. “Climate Struggles and Ecosocialism” and “18 Theses on Ecosocialism.” *The Bullet*, April 27. <https://socialistproject.ca/2017/04/b1403/>

Löwy, Michael. 2015. “Laudato Si—The Pope’s Anti-Systemic Encyclical.” *Monthly Review* 67(7):50–54. <http://monthlyreview.org/2015/12/01/laudato-sithe-popes-anti-systemic-encyclical/>

Malm, Andreas. 2016. *Fossil Capital: The Rise of Steam Power and the Roots of Global Warming*. London: Verso.

Malm, Andreas. 2020. *Corona, Climate, Chronic Emergency: War Communism in the Twenty-First Century*. London: Verso.

Pope Francis. 2015. *Encyclical Letter, Laudato Si, of the Holy Father Francis on Care for Our Common Home*. Vatican. http://w2.vatican.va/content/dam/francesco/pdf/encyclicals/documents/papa-francesco_20150524_enciclica-laudato-si_en.pdf

Roberts, David. 2019. “There’s Now an Official Green New Deal. Here’s What’s in It.” *Vox*, February 7. <https://www.vox.com/energy-and-environment/2019/2/7/18211709/green-new-deal-resolution-alexandria-ocasio-cortez-markey>

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/>

Week 8: October 26: Making it Personal: Climate Politics, Lifestyle, and Behaviour Change

What does a low-carbon lifestyle look like?

Is lifestyle and behaviour change a key element of climate politics, or a distraction from more important issues?

How much impact can individual change have without wider social and political change?

N.B. A short assignment, which involves calculating your carbon footprint and analyzing an action plan to reduce it, will be distributed the week before this class.

Required:

Institute for Global Environmental Strategies, Aalto University, and D-mat Ltd. 2019. *1.5-Degree Lifestyles: Targets and Options for Reducing Lifestyle Carbon Footprints. Technical Report*. Hayama, Japan: Institute for Global Environmental Strategies. (Required pages: pp. iv-vi, 25-35).

UNEP. 2020. Chapter 6, “Bridging the gap – the role of equitable low-carbon lifestyles.” *Emissions Gap Report 2020*. Nairobi: United Nations Environment Programme. <https://www.unep.org/emissions-gap-report-2020>

Rust, Niki et al. 2020. “How to Transition to Reduced-Meat Diets That Benefit People and the Planet.” *Science of the Total Environment* 137208.

Jaccard, Mark. 2020. “We Must Change Our Behavior.” Pp. 144-164 in *The Citizen’s Guide to Climate Success: Overcoming Myths That Hinder Progress*. Cambridge, UK: Cambridge University Press.

Lukacs, Martin. 2017. “Neoliberalism has conned us into fighting climate change as individuals.” *The Guardian*, July 17. <https://www.theguardian.com/environment/true-north/2017/jul/17/neoliberalism-has-conned-us-into-fighting-climate-change-as-individuals>

Irfan, Umair. 2019. “Air Travel Is a Huge Contributor to Climate Change. A New Global Movement Wants You to Be Ashamed to Fly.” *Vox*, July 25. <https://www.vox.com/the-highlight/2019/7/25/8881364/greta-thunberg-climate-change-flying-airline>

Schubach, Alanna. 2019. “Enough With the Flight Shaming, Already!” *The Nation*, October 7. <https://www.thenation.com/article/archive/greta-travel-climate/>

Highly recommended

Barros, Beatriz, and Richard Wilk. 2021. “Private Planes, Mansions and Superyachts: What Gives Billionaires like Musk and Abramovich Such a Massive Carbon Footprint.” *The Conversation*, February 16. <http://theconversation.com/private-planes-mansions-and-superyachts-what-gives-billionaires-like-musk-and-abramovich-such-a-massive-carbon-footprint-152514>

Moberg, Karen R. et al. 2019. “Mobility, Food and Housing: Responsibility, Individual Consumption and Demand-Side Policies in European Deep Decarbonisation Pathways.” *Energy Efficiency* 12(2):497–519.

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Week 9: November 2: Climate Politics in Canada

- How has Canadian climate policy evolved in recent decades?
- Why is climate change such a difficult challenge for Canada?
- What forces could potentially enable Canada to take stronger climate action?
- What types of political, economic, and social change are needed for Canada to achieve deep decarbonization?
- Does strong action on climate change require a rethinking not only of Canada's economy, but also its national identity as a country with abundant resources awaiting exploitation?

Should Canadian policy aim to support a transformation of the fossil-fuel sector or to wind it down?

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Gabbatiss, Josh. 2019. “The Carbon Brief Profile: Canada.” *Carbon Brief*, October 8. <https://www.carbonbrief.org/the-carbon-brief-profile-canada>

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MacArthur, Julie L., Christina E. Hoicka, Heather Castleden, Runa Das, and Jenny Lieu. 2020. “Canada’s Green New Deal: Forging the Socio-Political Foundations of Climate Resilient Infrastructure?” *Energy Research & Social Science* 65:101442.

Highly recommended for background on historical evolution of Canadian climate policy

Macdonald, Douglas. 2020. “Historical Overview: Canadian Energy and Climate Policies.” Pp. 63-89 in *Carbon Province, Hydro Province: The Challenge of Canadian Energy and Climate Federalism*. Toronto: University of Toronto Press.

MacNeil, Robert. 2019. “A Brief History of Canadian Climate Policy.” Pp. 9-39 in *Thirty Years of Failure: Understanding Canadian Climate Policy*. Halifax: Fernwood.

Recommended:

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

Adkin, Laurie. 2017. “Crossroads in Alberta: Climate Capitalism or Ecological Democracy?” *Socialist Studies* 12(1):2-31.

Blair, David J. 2017. “The Framing of International Competitiveness in Canada’s Climate Change Policy: Trade-off or Synergy?” *Climate Policy* 17(6):764–80.

Haley, Brendan. 2011. “From Staples Trap to Carbon Trap: Canada’s Peculiar Form of Carbon Lock-In.” *Studies in Political Economy* 88:97–132.

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- Harrison, Kathryn. 2019. "The Fleeting Canadian Harmony on Carbon Pricing." *Policy Options*, July 8. <https://policyoptions.irpp.org/magazines/july-2019/the-fleeting-canadian-harmony-on-carbon-pricing/>
- Harvey, Danny and Lika Miao. 2018. "How the Oil Sands Make Our GHG Targets Unachievable." *Policy Options*, January 2. <http://policyoptions.irpp.org/magazines/january-2018/how-the-oil-sands-make-our-ghg-targets-unachievable/> .
- Hayden, Anders. 2014. "Canada: Stuck Between Business-as-Usual and Ecological Modernization." Chapter 2 in *When Green Growth is Not Enough: Climate Change, Ecological Modernization, and Sufficiency*. Montreal: McGill-Queen's University Press.
- Hoberg, George. 2019. "How the Battles over Oil Sands Pipelines Have Transformed Climate Politics." Paper presented to Annual Meeting of the American Political Science Association. Washington, D.C. <https://preprints-api.apsanet.org/apsa/assets/orp/resource/5d7c66f02f41c7001256af20/original/how-the-battles-over-oil-sands-pipelines-have-transformed-climate-politics.pdf>
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- MacLean, Jason. 2018. "The Problem with Canada's Gradual Climate Policy." *Policy Options*, October 26. <http://policyoptions.irpp.org/magazines/october-2018/the-problem-with-canadas-gradual-climate-policy/>
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- Pact for a Green New Deal. 2019. "What Did We Hear at The Pact for a Green New Deal Town Halls?" <https://act.greennewdealcanada.ca/what-we-heard/>
- Potvin, Catherine et al. 2017. "Stimulating a Canadian Narrative for Climate." *Facets* 2(1):131–49.
- Raymond, Leigh. 2020. "Carbon Pricing and Economic Populism: The Case of Ontario." *Climate Policy* 20(9):1127–40.
- Schott, Stephan, and Miranda Alice Schreurs. 2020. "Climate and Energy Politics in Canada and Germany: Dealing with Fossil Fuel Legacies." *Canadian Journal of European and Russian Studies* 14(2):29–55.

Study Break: November 9, No Class

Week 10: November 16: Governance of Climate Change (I): The Global Level

What have been the key issues and sources of conflict among nations in global climate negotiations?

What are the strengths and limits of the Paris climate agreement? What are its implications for climate action around the globe?

Do we need to rethink the approach to global climate negotiations and expectations of what they can achieve?

Required:

Chasek, Pamela S., David L. Downie, and Janet Welsh Brown. 2021. Pp. 102-116 in *Global Environmental Politics*. 8th ed. New York: Routledge.

Cléménçon, Raymond. 2016. "The Two Sides of the Paris Climate Agreement: Dismal Failure or Historic Breakthrough?" *Journal of Environment and Development* 25(1):3-24.

Morgan, Jennifer and Eliza Northrop. 2017. "Will the Paris Agreement Accelerate the Pace of Change?" *Wiley Interdisciplinary Reviews: Climate Change* 8(5):e471.

Allan, Jen Iris. 2019. "Dangerous Incrementalism of the Paris Agreement." *Global Environmental Politics* 19(1):4–11.

Stevenson, Hayley. 2021. "Reforming Global Climate Governance in an Age of Bullshit." *Globalizations* 18(1):86–102.

Jaccard, Mark. 2020. "All Countries Will Agree on Climate Fairness." Pp. 58-75 in *The Citizen's Guide to Climate Success: Overcoming Myths That Hinder Progress*. Cambridge, UK: Cambridge University Press.

Highly recommended:

Milkoreit, Manjana. 2019. "The Paris Agreement on Climate Change—Made in USA?" *Perspectives on Politics* 17(4):1019–37.

Recommended:

Anderson, Kevin, John F. Broderick, and Isak Stoddard. 2020. "A Factor of Two: How the Mitigation Plans of 'Climate Progressive' Nations Fall Far Short of Paris-Compliant Pathways." *Climate Policy* 20(10):1290–1304.

Bulkeley, Harriet and Peter Newell. 2015. *Governing Climate Change*. London: Routledge. Introduction and Chapters 1-2.

Christoff, Peter. 2010. "Cold climate in Copenhagen: China and the United States at COP 15." *Environmental Politics* 19:637-656.

Harris, Paul G. 2013. Chapters 2 and 3 in *What's Wrong with Climate Politics and How to Fix It*. Cambridge: Polity.

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Hulme, Mike. 2009/. Chapter 9, "The Way We Govern." *Why We Disagree About Climate Change: Understanding Controversy, Inaction, and Opportunity*. Cambridge, UK: Cambridge University Press.

Karlsson-Vinkhuyzen, Sylvia I., and Jeffrey McGee. 2013. "Legitimacy in an Era of Fragmentation: The Case of Global Climate Governance." *Global Environmental Politics* 13(3):56–78.

- Keohane, Robert O. and Michael Oppenheimer. 2016. ‘Paris: Beyond the Climate Dead End through Pledge and Review?’ *Politics and Governance* 4(3):142–51.
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- Metz, Bert. 2013. “Making a Pledge and Review System Work: National Green Growth Plans, Policies, and a Different Approach to Equity.” <http://controllingclimatechange.net/making-a-pledge-and-review-system-work>
- Pickering, Jonathan, Jeffrey S. McGee, Tim Stephens, and Sylvia I. Karlsson-Vinkhuyzen. 2018. “The Impact of the US Retreat from the Paris Agreement: Kyoto Revisited?” *Climate Policy* 18(7):818–27.
- Roberts, J. Timmons. 2009. “Climate Change: Why the Old Approaches Aren’t Working.” Pp. 191–208 in *Twenty Lessons in Environmental Sociology*, eds. Kenneth A. Gould and Tammy L. Lewis. Oxford: Oxford University Press.
- Victor, David G. et al. 2017. “Prove Paris Was More than Paper Promises.” *Nature* 548(7665):25.

Week 11: November 23: Governance of Climate Change (II): Alternative Visions

Do we need to rethink the approach to global climate negotiations and expectations of what they can achieve?

Should we continue to look toward states as the key actors in climate politics?

What roles can transnational networks and non-state actors play in accelerating climate action around the globe?

Does a polycentric approach help us understand and enhance climate governance?

Do forms of climate governance at the local and community level have the potential to fill the void left by inadequate action at the global and national levels?

Required:

Andonova, Liliana B. and Kim Coetzee. 2020. “Does successful emissions reduction lie in the hands of non-state rather than state actors?” Pp. 176–188 in *Contemporary Climate Change Debates*, edited by M. Hulme. London: Earthscan.

van der Heijden, Jeroen. 2018. “City and Subnational Governance: High Ambitions, Innovative Instruments and Polycentric Collaborations?” Pp. 81–96 in *Governing Climate Change: Polycentricity in Action?*, edited by A. Jordan, D. Huitema, H. van Asselt, and J. Forster. Cambridge, UK: Cambridge University Press.

Gilligan, Jonathan M. and Michael P. Vandenbergh. 2020. “A Framework for Assessing the Impact of Private Climate Governance.” *Energy Research & Social Science* 60:101400.

Litfin, Karen. 2020. “Localism, Sharing, and Care.” Pp. 361–71 in *Routledge Handbook of Global Sustainability Governance*, edited by A. Kalfagianni, D. Fuchs, and A. Hayden. London: Routledge.

Bernstein, Steven and Matthew Hoffmann. 2019. “Climate Politics, Metaphors and the Fractal Carbon Trap.” *Nature Climate Change* 9(12):919–25.

Harris, Paul G. and Kenneth Shockley. 2020. “Do rich people rather than rich countries bear the greatest responsibility for climate change?” Pp. 146–157 in *Contemporary Climate Change Debates*, edited by M. Hulme. London: Earthscan.

Highly Recommended:

Dorsch, Marcel J. and Christian Flachsland. 2017. “A Polycentric Approach to Global Climate Governance.” *Global Environmental Politics* 17(2):45–64.

Recommended:

Alloun, Esther and Samuel Alexander. 2014. “The Transition Movement: Questions of Diversity, Power, and Affluence.” Simplicity Institute Report 14g. <http://simplicityinstitute.org/wp-content/uploads/2011/04/TransitionMovement.pdf>

Bulkeley, Harriet and Peter Newell. 2015. *Governing Climate Change*. 2nd edition. London: Routledge.

Gordon, David J. 2013. “Between Local Innovation and Global Impact: Cities, Networks, and the Governance of Climate Change.” *Canadian Foreign Policy Journal* 19(3):288-307.

Gordon, David J. 2019. “Unpacking Agency in Global Urban Climate Governance: City-Networks as Actors, Agents, and Arenas.” Pp. 21-38 in *Urban Climate Politics: Agency and Empowerment*, edited by J. van der Heijden, H. Bulkeley and C. Certoma. London: Cambridge University Press, 21-38.

Harris, Paul G. 2013. Chapters 5 and 6 in *What’s Wrong with Climate Politics and How to Fix It*. Cambridge: Polity.

Jordan, Andrew et al. 2013. “Going Beyond Two Degrees? The Risks and Opportunities of Alternative Options.” *Climate Policy* 13(6):751-769.

Jordan, Andrew et al. 2018. “Governing Climate Change Polycentrically.” Pp. 3–25 in *Governing Climate Change: Polycentricity in Action?*, edited by A. Jordan, D. Huitema, H. van Asselt, and J. Forster. Cambridge, UK: Cambridge University Press.

Miller, Asher and Rob Hopkins. 2013. “Climate After Growth: Why Environmentalists Must Embrace Post-Growth Economics and Community Resilience.” Santa Rosa, CA / Totnes, UK: Post Carbon Institute / Transition Network.

Miller, David. 2020. *Solved: How the World’s Great Cities Are Fixing the Climate Crisis: How the World’s Great Cities Are Fixing the Climate Crisis*. Aevo UTP.

Ostrom, Elinor. 2010. “Beyond Markets and States: Polycentric Governance of Complex Economic Systems.” *American Economic Review* 100(3): 641-672.

Week 12: November 30: Geo-Engineering Our Way Out of Crisis? And Concluding Thoughts

If political action to date has not been adequate to address climate change, do we need to consider risky geo-engineering solutions? Or do we need to re-double political efforts to cut emissions?

Concluding Discussion:

What does climate change mean for our wider political, social, economic, and personal projects? Do any particular approaches to climate politics that we have covered stand out as having the most promise?

Required:

Temple, James. 2019. “What Is Geoengineering—and Why Should You Care?” *MIT Technology Review*, August 19. <https://www.technologyreview.com/2019/08/09/615/what-is-geoengineering-and-why-should-you-care-climate-change-harvard/>

National Academy of Sciences. 2021. *Reflecting Sunlight: Recommendations for Solar Geoengineering Research and Research Governance (Highlights)*. Washington, D.C.: National Academy of Sciences. <https://www.nap.edu/resource/25762/Reflecting%20Sunlight%204-Pager.pdf>

- Baskin, Jeremy. 2019. "Competing Imaginaries of Solar Geoengineering." Pp. 123-161 in *Geoengineering, the Anthropocene and the End of Nature*. Palgrave Macmillan.
- Pasztor, Janos. 2017. "The Need for Governance of Climate Geoengineering." *Ethics & International Affairs* 31(4):419–30.
- Long, Jane C. S., and Rose Cairns. 2020. "Is It Necessary to Research Solar Climate Engineering as a Possible Backstop Technology?" Pp. 109–22 in *Contemporary Climate Change Debates*, edited by M. Hulme. London: Earthscan.
- Highly recommended:*
- Dyke, James, Robert Watson, and Wolfgang Knorr. 2021. "Climate Scientists: Concept of Net Zero Is a Dangerous Trap." *The Conversation*, April 22. <https://theconversation.com/climate-scientists-concept-of-net-zero-is-a-dangerous-trap-157368>
- Keith, David and Andy Parker. 2015. "Will solar geoengineering help us manage the risks of climate change?" Pp. 76-92 in *Our world and us: How our environment and our societies will change*, edited by K. Barysch. Munich: Allianz SE.
- Nicholson, Simon. 2017. "Reimagining Climate Engineering: The Politics of Tinkering with the Sky." Pp. 110–31 in *Reimagining Climate Change*, edited by P. Wapner and H. Elver. London: Earthscan.
- Thiele, Leslie Paul. 2019. "Geoengineering and Sustainability." *Environmental Politics* 28(3):460–79.
- Recommended:*
- Aronoff, Kate. 2018. "Inside Geoengineers' Risky Plan To Block Out the Sun." *In These Times*, December, 16–17. <http://inthesetimes.com/features/geoengineering-climate-change-fossil-fuel-industry-srm-indigenous-activism.html>
- Dalby, Simon. 2015. "Geoengineering: The Next Era of Geopolitics?" *Geography Compass* 9(4):190–201.
- Grasso, Marco. 2019. "Sulfur in the Sky with Diamonds: An Inquiry into the Feasibility of Solar Geoengineering." *Global Policy* 10(2):217–26.
- Gunderson, Ryan, Diana Stuart, and Brian Petersen. 2019. "The Political Economy of Geoengineering as Plan B: Technological Rationality, Moral Hazard, and New Technology." *New Political Economy* 24(5):696–715.
- Hamilton, Clive. 2013. *Earthmasters: The Dawn of the Age of Climate Engineering*. New Haven: Yale University Press.
- Hamilton, Clive. 2011. "Ethical Anxieties About Geoengineering: Moral hazard, slippery slope and playing God." http://clivehamilton.com/wp-content/uploads/2012/11/ethical_anxieties_about_geoengineering.pdf
- Jinnah, Sikina and Simon Nicholson. 2019. "The Hidden Politics of Climate Engineering." *Nature Geoscience* 12(11):876–79.
- Keith, David W. 2013. *A Case for Climate Engineering*. Cambridge, MA: Boston Review Books/MIT Press.
- Klein, Naomi. 2014. Pp. 256-290, "Dimming the Sun: The Solution to Pollution is ... Pollution?" in *This Changes Everything: Capitalism vs. the Climate*. Toronto: Knopf Canada.
- Kopecky, Arno. 2019. "Can Climate Change Be Reversed?" *Alberta Views*, July 1. <https://albertaviews.ca/can-climate-change-reversed/>
- Leal-Arcas, R. and A. Filis-Yelaghotis. 2012. "Geoengineering a Future for Humankind: Some Technical and Ethical Considerations." *Carbon and Climate Law Review* 6(2):128-148.
- Long, Jane C. S., Frank Loy, and M. Granger Morgan. 2015. "Start Research on Climate Engineering." *Nature* 518(7537):29.
- Möller, Ina. 2020. "Political Perspectives on Geoengineering: Navigating Problem Definition and Institutional Fit." *Global Environmental Politics*.
- National Academy of Sciences. 2015. "Climate Intervention: Carbon Dioxide Removal and Reliable Sequestration, Reflecting Sunlight to Cool Earth." Report in Brief. Washington, D.C.: National Academy of Sciences.

<http://dels.nas.edu/resources/static-assets/materials-based-on-reports/reports-in-brief/climate-intervention-brief-final.pdf>

Pearce, Fred. 2019. "Geoengineer the Planet? More Scientists Now Say It Must Be an Option." *Yale Environment 360*, May 19. <https://e360.yale.edu/features/geoengineer-the-planet-more-scientists-now-say-it-must-be-an-option>

Reynolds, Jesse L. 2019. *The Governance of Solar Geoengineering: Managing Climate Change in the Anthropocene*. Cambridge University Press.

Reynolds, Jesse L., Andy Parker, and Peter Irvine. 2016. "Five Solar Geoengineering Tropes That Have Outstayed Their Welcome." *Earth's Future* 4(12):2016EF000416.

Riederer, Rachel. 2015. "The Climate Hackers." *Dissent Magazine*, Summer. <http://dissentmagazine.org/article/climate-hackers>.

Royal Society. 2011. *Solar radiation management: the governance of research*. London: Royal Society.

Victor, David G., M. Granger Morgan, Jay Apt, John Steinbruner, and Katharine Ricke. 2009. "The Geoengineering Option: A Last Resort Against Global Warming?" *Foreign Affairs*, March/April. http://iis-db.stanford.edu/pubs/22456/The_Geoengineering_Option.pdf

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&loadusercredits=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.

Internationalization

At Dalhousie, "thinking and acting globally" enhances the quality and impact of education, supporting learning that is "interdisciplinary, cross-cultural, global in reach, and orientated toward solving problems that extend across national borders." <https://www.dal.ca/about-dal/internationalization.html>

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. (For more information, see: http://www.dal.ca/dept/university_secretariat/academic-integrity.html.)

Accessibility

The Student Accessibility Centre is Dalhousie's centre of expertise for matters related to student accessibility and accommodation.

If there are aspects of the design, instruction, and/or experiences within this course (online or in-person) that result in barriers to your inclusion please contact the Student Accessibility Centre: https://www.dal.ca/campus_life/academic-support/accessibility.html.

Conduct in the Classroom – Culture of Respect

Substantial and constructive dialogue on challenging issues is an important part of academic inquiry and exchange. It requires willingness to listen and tolerance of opposing points of view. Consideration of individual differences and alternative viewpoints is required of all class members, towards each other, towards instructors, and towards guest speakers. While expressions of differing perspectives are welcome and encouraged, the words and language used should remain within acceptable bounds of civility and respect.

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. We stand for equality. Dalhousie is strengthened in our diversity. We are a respectful and inclusive community. We are committed to being a place where everyone feels welcome and supported, which is why our Strategic Direction prioritizes fostering a culture of diversity and inclusiveness (Strategic Priority 5.2). (For more information, see: <http://www.dal.ca/cultureofrespect.html>.)

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. (For more information, see: https://www.dal.ca/dept/university_secretariat/policies/student-life/code-of-student-conduct.html).

Fair Dealing policy

The Dalhousie University Fair Dealing Policy provides guidance for the limited use of copyright protected material without the risk of infringement and without having to seek the permission of copyright owners. It is intended to provide a balance between the rights of creators and the rights of users at Dalhousie. (For more information, see: https://www.dal.ca/dept/university_secretariat/policies/academic/fair-dealing-policy-.html.)

Originality Checking Software

The course instructor may use Dalhousie's approved originality checking software and Google to check the originality of any work submitted for credit, in accordance with the Student Submission of Assignments and Use of Originality Checking Software Policy. Students are free, without penalty of grade, to choose an alternative method of attesting to the authenticity of their work, and must inform the instructor no later than the last day to add/drop classes of their intent to choose an alternate method. (For more information: https://www.dal.ca/dept/university_secretariat/policies/academic/student-submission-of-assignments-and-use-of-originality-checking-software-policy-.html.)

Student Use of Course Materials

Course materials are designed for use as part of the POLI 4380/5380 course at Dalhousie University and are the property of the instructor unless otherwise stated. Third party copyrighted materials (such as books, journal articles, music, videos, etc.) have either been licensed for use in this course or fall under an exception or limitation in Canadian Copyright law. Copying this course material for distribution (e.g. uploading to a commercial third-party website) may lead to a violation of Copyright law.

Section C: University Policies, Guidelines and Resources For Support

Dalhousie courses are governed by the academic rules and regulations set forth in the University Calendar and the Senate. (<https://academiccalendar.dal.ca/catalog/viewcatalog.aspx>)

Important student information, services and resources are available as follows:

University Policies and Programs

- Important Dates in the Academic Year (including add/drop dates)
http://www.dal.ca/academics/important_dates.html
- Classroom Recording Protocol
https://www.dal.ca/dept/university_secretariat/policies/academic/classroom-recording-protocol.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/health-and-safety/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 (Halifax)
<https://www.dal.ca/about-dal/agricultural-campus/ssc/academic-support/advising.html> (Truro)
- 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
See also: Indigenous Connection: <https://www.dal.ca/about-dal/indigenous-connection.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://cdn.dal.ca/content/dam/dalhousie/pdf/academics/UG/indigenous-studies/Elder-Protocol-July2018.pdf>

- 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/about/>
- LGBTQ2SIA+ Collaborative - <https://www.dal.ca/dept/hres/education-campaigns/LGBTQ2SIA-collaborative.html>
- Dalhousie Libraries <http://libraries.dal.ca>
- Copyright Office <https://libraries.dal.ca/services/copyright-office.html>
- Dalhousie Student Advocacy Services <https://www.dsu.ca/student-advocacy-service>
- 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 http://www.dal.ca/campus_life/academic-support/study-skills-and-tutoring.html

Safety

- Biosafety <http://www.dal.ca/dept/safety/programs-services/biosafety.html>
- Chemical Safety <https://www.dal.ca/dept/safety/programs-services/chemical-safety.html>
- Radiation Safety <http://www.dal.ca/dept/safety/programs-services/radiation-safety.html>
- Laser Safety <https://www.dal.ca/dept/safety/programs-services/radiation-safety/laser-safety.html>