

Sustainability and Society
ENVIRON 207: Syllabus
University of Michigan
Fall 2022

Lecture: Tuesday and Thursday 11:00am-11:50am, 1640 CHEM

Discussion Sections: **A.** Thursday 12:00-12:50pm - 3556 Dana, **B.** 4:00-4:50pm - 1028 Dana, and
C. Friday 11:00am-11:50am - 3556 Dana

3 Credits

Instructor: Professor Josh Newell, 1064 Dana, jnewell@umich.edu
Office Hours: Tuesday, 12 pm - 1 pm (online via [Zoom](#))

Graduate Student Instructor: Jason “Jake” Hawes, jkhawes@umich.edu
Office Hours: Online via [Zoom](#) Monday, 1-2pm and Wednesday, 3-4pm; and by [appointment](#).

Introduction and Purposes

Sustainability has become perhaps the most pressing scientific and social challenge of our time. Typically defined as utilizing natural resources so as to create a high quality of life for *future* as well as current generations, the idea of sustainability has been strongly contested since its introduction to popular discourse in the 1980s. Nonetheless, global climate change, habitat loss and biodiversity loss, desertification and deforestation, and the effects of rapid urbanization have fueled political debates over sustainability policies in both the industrialized and industrializing countries and regions.

In this course, you will gain an understanding of how key global challenges, such as population growth and consumption, are creating a sense of urgency in terms of developing and promoting theories, methods, and practices that foster sustainability in our society. Through a concentrated study of this emerging sphere we call sustainability, you will learn to articulate the relationships among observed phenomena, the principles and policies those observations can inform, particularly how best to integrate technology, education, and policy to best meet identified goals. Finally, you will gain an appreciation for why interdisciplinary approaches to sustainability are often necessary and useful.

The course is divided into four interdependent sections or modules: 1. *Concepts and Contexts for Sustainability*; 2. *Challenges of a Planet*; 3. *Global Economy and the Search for Solutions*; and 4. *Social Activism and Change Agents*. In addition to the two weekly lectures and the discussion sections, which students are expected to attend, the course has an experiential component consisting of field trips and in-class exercises.

Structure

Most course content will be held in-person unless UM COVID-19 policy changes. **A small number of lectures and discussion sections for this course will be held via Zoom, with no in-person meetings.** See the schedule of classes for online class dates. Canvas will be the primary resource for this course, with use of Google Drive and other online resources (e.g. Slack). In preparation for this course, this video on [Zoom for Students](#) will be helpful. Students are required to attend lectures and discussion sections synchronously at the prescribed times (i.e. Tues and Thurs lectures from 11:00-12:00, discussion section at set times), even when course content is offered online through Zoom. Please contact GSI Hawes if you cannot attend lecture or section at these times. Community building exercises have also been woven into the fabric of the course to support student productivity and mental health. **Please see Canvas modules for instructions on how to prepare for class each week, including required readings, podcasts, and other essentials.**

Classroom guidelines

Our goal this semester is to build an educational community where we learn from each other and grow. This course covers challenging topics related to environmental degradation, income inequality, race, justice and more. Please be respectful of your fellow classmates, the professor, and the GSI. Please refrain from harmful or offensive language that may disrupt the learning environment. Students are encouraged to communicate openly with instructors about the challenges they face, and we will do everything possible to be supportive.

COVID-19 and Safety Precautions

Please be mindful of the UM safety measures that have been required for our protection. If you feel ill or test positive for COVID-19, please do not come to class. Instead, notify the instructors via email. You will be able to access recordings of all lectures during the course, and GSI Hawes will provide you with makeup assignments to cover missed discussion section material.

Class sessions and recording

Note that although attendance at lecture and discussion section is required, we will be audio/video recording lectures so that you can use them as study aids for the mid-term and final exams, as well as for periodic course review. *If you do not wish to be recorded, please contact GSI Hawes (jkhawes@umich.edu) the first week of class (or as soon as you enroll in the course, whichever is latest) to discuss alternative arrangements.* Otherwise you will be asked to consent to be recorded for the purpose of sharing the recording with your classmates. Students are prohibited from recording/distributing any Class Activity without written permission from the instructor, except as necessary as part of approved accommodations for students with disabilities. Any approved recordings may only be used for the student's own private use.

Diversity, Equity, and Inclusion (DEI)

You are welcome here and are valued. We will strive to ensure that students of all backgrounds and perspectives are included, listened to, and heard in this educational community. Both students and instructors will play an active role in curating this community of inclusion, showing respect for differing worldviews and perspectives. Indeed, the history of sustainability is a story

of diverse voices and worldviews, some of which has been systematically excluded (which we will explore in the course). Please contact us if you are presented with a situation that makes you feel uncomfortable or troubled. You may do so via Slack, email, through a trusted intermediary (e.g., your academic advisor or Vanesa Jackson, SEAS/PiTE Student Diversity Services Coordinator - vanesaj@umich.edu), or via [this anonymous form](#) checked regularly by the instructors.

Learning Objectives

At the end of this course, you should be able to:

1. Connect sustainability concepts and technology to real-world challenges, including individual/social needs and political debates;
2. Evaluate scientific and popular claims about sustainability;
3. Discuss pathways toward a more sustainable society and their significance to diverse audiences;
4. Learn how to write and read more effectively, both essential skills for your future.

Course Reading

Required Textbook: Paul Robbins, John Hinz, and Sarah A. Moore. 2022. *Environment and Society: A Critical Introduction*. Third Edition. London: Blackwell. Several reserve copies of this have been placed on hold with UM Libraries. If possible, we recommend you purchase a hard copy as we will use it so often. This textbook has been stocked at local bookstores and you can buy it via the internet. The other required readings are posted on Canvas. Please note that only some chapters from the textbook are required. Also, the reading list may change slightly as the semester progresses. We will provide ample notice of these minor changes in class and a revised syllabus will be posted electronically on Canvas. Readings have been carefully selected, with particular attention to the reading load, which varies based on the topics, but averages less than fifty pages per week (i.e., 2-4 hours maximum depending on familiarity and reading speed). For guidance on how to read strategically, you might find this weblink useful: <http://www.swarthmore.edu/SocSci/tburke1/reading.html>.

Discussion Sections

The goals of discussion sections are to clarify and elaborate upon the concepts introduced in lecture and within the readings and to further the learning objectives of the course. Format will vary by week but will typically consist of some combination of lecture, discussion, and interactive learning. You are expected to attend each period your discussion section is held. If you are unable to attend, please contact GSI Hawes by email at least three days in advance or, in the case of emergency, as soon as possible. Your attendance and participation in discussion sections will largely determine the class participation/attendance portion of your grade. Students are invited to arrive early, especially to ask clarifying questions about the material and generally to ask GSI Hawes about components of the course.

Grading

Your course grade will be based on a midterm exam, a final exam, four written assignments, and class participation as determined by attendance and four comprehension-check quizzes. Please check the course calendar on Canvas for key deadlines. The grading breakdown is as follows:

- Midterm Examination: 23%
- Final Examination (non-cumulative): 23%
- Course project: 30%
- Class participation and attendance: 24%
 - 9% mini-assessments, 15% attendance and participation

Grades will be posted in the “Grades” tab in Canvas shortly after each assessment. Rather than ‘curving’ individual exams and assignments, we will likely curve overall course grades (only to your advantage), prior to their final submission.

Attendance is required for both the lecture and discussion section. If you cannot attend, then please contact GSI Hawes in advance. Participation will be gauged through interactive tools like PollEverywhere for lecture and via discussion boards and GSI notes for section. Standard expectations include responding to polls, participating in class discussions, and/or attending office hours.

Course project

You will develop a semester-long course project in the form of four written responses. The length of these assignments will vary. Your responses will be evaluated based on the clarity and completeness, as well as on spelling, grammar, and referencing. These responses will be based on the course reading and podcasts, as well as your independent research. The writing assignments will be discussed in class and posted on Canvas in the “Assignments” section at least two weeks prior to their due date. The due dates for the assignments are: **Assignment #1, September 15th; Assignment #2, September 29th; Assignment #1, November 8th; Assignment #2, November 22nd.** These assignments are due ***by the beginning of class on these days.*** You will turn in and receive comments on your assignments via Canvas. Be sure to answer the question(s) presented in the prompt completely and be sure to proofread your responses carefully before submitting them.

All ideas, terms, and quotes that are not your own need to be properly cited in your writing. For these four assignments, **please use the APA referencing style** and include a bibliography at the end of your assignment. This bibliography does not count towards the length requirement (length requirements vary and will be given in the prompt of each assignment).

Exams

There is an online mid-term exam on October 13th during the class period (you should plan to take this exam from your home or office - Jake and Josh will be available via Zoom) This exam covers the first half of the course, while the final exam covers material from the second half. In accordance with the UM exam schedule, the final exam will be held on Monday, December 19th (1:30-3:30 pm EST). This exam will also take place online. If you plan to travel during finals week, please plan to have reliable access to the Internet during this period. We will provide accommodations for students registered with the SSD office for these exams. Please contact GSI Hawes if this is the case for you.

Mini-Assessments

You are required to submit four mini-assessments over the course of the term (roughly every three-four weeks). These mini-assessment will be posted on the “Quizzes” section in Canvas. They are timed (45 minutes), composed of 5-10 questions (e.g. multiple choice, true/false, fill-in-the-blank), and designed to assess how well you are grasping key course concepts. Furthermore, these mini-assessments anticipate (sometimes directly) exam questions and important material. Mini-assessments are ‘open-book, open-note,’ but they must be done individually (rather than in groups). Once the mini-assessment is posted on Canvas, you will have no less than one week to complete it. Failure to do so will result in a mini-assessment grade of 0. We will drop the lowest mini-assessment score and average the other three scores to determine your overall mini-assessment grade for the course. We will accommodate students with disabilities for these assessments. Please contact GSI Hawes if this is the case for you.

Plagiarism

Plagiarism involves presenting someone else’s words or ideas as your own. This includes using someone else’s assignment as your own as well as failing to properly cite the sources of ideas or words. We will report students who plagiarize to the Academic Judiciary Board. Plagiarizing can also result in getting a zero on the assignment and failing the course. For information on citing sources, check the *Chicago Manual of Style* or contact me during office hours. Please see the following link for more information on plagiarism:

<http://www.lsa.umich.edu/english/undergraduate/advising/plagNote.asp>

Late Work

Please turn in all assignments on time. Late assignments will be marked down one letter grade per day late, beginning as soon as the assignment is due. Reasonable extensions will be granted before the assignment deadline. Other extenuating circumstances will be considered closer to the deadline. For information or to request extensions, contact GSI Hawes (jkhawes@umich.edu).

Writing Help

One of the objectives of this course is to develop your writing skills. You may want to contact the Sweetland Writing Center (1139 Angell Hall, 764-0429, <http://www.lsa.umich.edu/sweetland/>) to get feedback on drafts of your work, as well as general guidance on how to improve your writing. Please take advantage of these resources and contact GSI Hawes if you are concerned about the writing assignments and assessments.

Accommodations for Students with Disabilities

Please contact GSI Hawes during the first week of class so that your needs can be accommodated on mini assessments, exams, and during lectures/discussion. Accommodations cannot be made retroactively; protect your legal rights by contacting the GSI before any graded assignments are turned in. You may also wish to contact Services for Students with Disabilities (G-664 Haven Hall, 505 South State St.: 734-763-3000, <http://ssd.umich.edu>).

Date		Class Topic	Reading	Discussion Section	Deliverable
<i>Section 1: Concepts and Contexts for Sustainability</i>					
8/30/22	1	Introduction to Course	<i>No reading</i>		
9/1/22	2	Sustainability: Brief History	<i>Kates et al. (2005)</i>	1. Introductions 2. Societal Collapse	Assignment #1 Released
9/6/22	3	Current Discourses in Sustainability	<i>Vos (2007), Zency (2010)</i>		Download Slack; Collapse discussion posts
9/8/22	4	Introduction to Environmental Ethics	<i>Chapter 5 in Robbins et al. (2022) pp. 67-72, McKibben (2010), Landrigan (2015)</i>	1. Defining Sustainability 2. Hog Farming and Environmental Ethics	
9/13/22	5	Key Thinkers in Environmental Ethics	<i>Chapter 5 in Robbins et al. (2022) pp. 72-80, Devall & Sessions (1985)</i>		
9/15/22	6	Concluding Section 1 and Sustainability on Campus	<i>Wall Kimmerer (2017), Marowski (2020), STARS activity</i>	1. Campus Sustainability Tour	Assignment #1 Due, Assignment #2 Released

Section 2: Challenges of a Planet

9/20/22	7	Introduction: Population and Scarcity	<i>Chapter 2 in Robbins et al. (2022); Timber Wars Episode 1</i>		
9/22/22	8	Biodiversity Loss	<i>Living Planet Report – Summary (pp. 4-13) (2020); Grouse Episode 2</i>	1. Review Section One 2. Footprint Calculation	Mini Assess. #1 Due 9/23
9/27/22	9	Climate Change	<i>Chapter 11 (pp. 177-184) in Robbins et al. (2022); Whyte (pp. 8-9) (2018); Timber Wars Episode 2</i>		
9/29/22	10	Climate Change II	<i>Hoffman (2015); Penny (2018); Timber Wars Episode 3</i>	1. Discourse & Climate Change	Assignment #2 Due
10/4/22	11	IPAT Unpacked and the Rise of Consumption	<i>Maniates (2002); Ehrlich and Ehrlich (2008); Timber Wars Episode 4</i>		
10/6/22	12	Institutions and the Commons	<i>Chapter 4 in Robbins et al. (2022); Raygorodetsky (2018); Grouse Episode 6</i>	1. Midterm Prep 2. What is sustainability? 3. IPAT	
10/11/22	13	Mid-Term Review			Mini Assess. #2 Due 10/12
10/13/22	14	Mid-Term Exam (online, remote)		Discussion sect. online via Zoom: 1. Review assignments 2. Midterm debrief	

Section 3: Markets and Commodities

10/20/22 [online via Zoom]	15	Introduction to Markets and Commodities	<i>Chapter 3 in Robbins et al. (2022)</i>	[No synchronous meetings]: Mini-project activity	
10/25/22	16	Critique of Capitalism: Political Economy 1	<i>Timber Wars Episode 7</i>		Assignment #3 Released
10/27/22	17	Critique of Capitalism: Political Economy 2	<i>Chapter 7 in Robbins et al. (2022); Grouse Episode 7</i>	1. Midterm Discussion 2. Greenwashing 3. Market-based Solutions	Midterm Returned
11/1/22	18	Ecosystem Services and Valuation	<i>Chapter 11 (pp. 184-199) in Robbins et al. (2022); Pacala and Socolow (2004)</i>		
11/3/22	19	Industrial Ecology and Greening of Production	<i>Frosch et al. (1992), Lovins (2008)</i>	1. Wedges	
11/8/22	20	“Green” Consumerism and Trees	<i>Chapter 12 in Robbins et al. (2022); Timber Wars Bonus Episode - Wildfire</i>		Assignment #3 Due
11/10/22	21	Green Consumerism Continued and Section 3 Summary		1. Commodity Chains 2. Section 3 Review	Assignment #4 Released

Section 4: Social Activism and Change Agents

11/15/22	22	Introduction: Activism, Change Agents, and Environmental Justice	<i>Hawken (2007) and Chapter 10 in Robbins et al. (2022), pp. 157-163</i>		
11/17/22	23	Decolonizing Sustainability	<i>Chapter 10 in Robbins et al. (2022), pp. 163-171</i>	1. Just sustainability & compromise 2. Indigenous Knowledge, Activism, and Wildfire	
11/22/22	24	Sustainable Cities	<i>C40 Urban Consumption - Exec Summary, Newman (2010)</i>		Assignment #4 Due; Mini Assess. #3 Due 11/23
11/24/22	---	No Class Thanksgiving Break			
11/29/22 <i>[online via Zoom]</i>	25	Guest Speaker - Dr. Cedric Taylor - Env. Justice, Injustice, and Flint	<i>McKibben (2013)</i>		
12/1/22 <i>[online via Zoom]</i>	26	Guest Speaker - Dr. Mike Shriberg - NGOs as Change Agents	<i>A2Zero Summary (2020); Grouse Episode 8</i>	<i>[online via Zoom]</i> 1. Change Agents and Sustainability	
12/6/22 <i>[online via Zoom]</i>	27	Sustainable Food Movements and Urban Agriculture UA guest speaker: TBD	<i>Barlett (2011, pp. 101-105, pp. 111-112), Campus Farm Video, Metea (2015)</i>		
12/8/22	28	Exam Review		1. Sustainable Campus 2. Final Exam Review	Mini Assess. #4 Due 12/10
12/19/22	29	Final Exam: 1:30-3:30 PM EST (online, remote)			

Reading List

You are encouraged to purchase the primary course textbook, *Environment and Society: A Critical Introduction*. The other required readings are on Canvas.

August 30th

Required Reading

No Required Reading

September 1st

Required Reading

Kates, R. W., T. M. Parris, and A. A. Leiserowitz. 2005. What is sustainable development? Goals, Indicators, Values, and Practice. *Environment* 47 (3): 9-21.

September 6th

Required Reading

Vos, R. O. 2007. Defining Sustainability: A conceptual orientation. *J. Chemical Technology and Biotechnology*. 82: 334-339.

Zency, E. 2010. Theses on Sustainability: A Primer. *Orion Magazine* May/June.

<https://orionmagazine.org/article/theses-on-sustainability/>

September 8th

Required Reading

Chapter 5 in Robbins, P., Hintz, J. and Moore, S. 2022. *Environment and Society: A Critical Introduction*. Third Edition. London: Blackwell.

McKibben, B. 2010. The Only Way to Have a Cow. *Orion Magazine*.

<http://www.orionmagazine.org/index.php/articles/article/5339>

Landrigan, M. 2015. Breaking Vegetarianism: The Ethical Implications of eating meat. *Paste Magazine*. April 3rd, 2015.

<http://www.pastemagazine.com/articles/2015/04/breaking-vegetarian-the-ethical-implications-of-ea.html?a=1>

September 13th

Required Reading

Devall, B. and G. Sessions. 1985. *Deep Ecology*. Salt Lake City: Peregrin Smith Books. Pp. 65-77.

Chapter 5 in Robbins, P., Hintz, J. and Moore, S. 2022. *Environment and Society: A Critical Introduction*. Third Edition. London: Blackwell.

September 15th

Required Reading

Marowski, S. 2020. UM reaches 1 of 5 sustainability goals ahead of 2025 target, report says. *Ann Arbor News*. January 29th, 2020.

<https://www.mlive.com/news/ann-arbor/2020/01/um-reaches-1-of-5-sustainability-goals-ahead-of-2025-target-report-says.html>

Kimmerer, R. W. (2013). Learning the Grammar of Animacy. In *Braiding Sweetgrass: Indigenous Wisdom, Scientific Knowledge and the Teachings of Plants*. Milkweed Editions.

<https://anthrosource.onlinelibrary.wiley.com/doi/full/10.1111/anoc.12081#>

AASHE STARS Storymap.

<https://www.arcgis.com/apps/MapSeries/index.html?appid=026a8b63c9bf4408a787091505062901>

September 20th

Required Reading

Chapter 2 in Robbins, P., Hintz, J. and Moore, S. 2022. *Environment and Society: A Critical Introduction*. Third Edition. London: Blackwell.

Scott, A. (2020). The last stand (Timber Wars No. 1).

<https://www.opb.org/article/2020/09/22/timber-wars-episode-1-the-last-stand/>

September 22nd

Required Reading

World Wildlife Fund. 2020. *Living Planet Report 2020 (pp. 4-13)*

https://wwf.panda.org/knowledge_hub/all_publications/living_planet_report_2018/

Ahearn, A. (2021). In Search of the Bird, Through Time (Grouse No. 2). Retrieved August 25, 2021, from

<https://www.birdnote.org/listen/birdnote-presents/grouse/search-bird-through-time>

September 27th

Required Reading

Chapter 11 in Robbins, P., Hintz, J. and Moore, S. 2022. *Environment and Society: A Critical Introduction*. Third Edition. London: Blackwell. pp. 177-182

Whyte, K. P. (2018, June). Climate Change: An Unprecedentedly Old Catastrophe. *The Society for the Diffusion of Useful Knowledge*, 1, 8–9.

http://archive.blackwoodgallery.ca/exhibitions/2018/Broadsheet_Grafting.pdf

Scott, A. (2020). The ancient forest (Timber Wars No. 2).

<https://www.opb.org/article/2020/09/22/timber-wars-episode-2-the-ancient-forest/>

September 29th

Required Reading

Hoffman, A. 2015. From Al Gore to Solyndra: Four Ways Culture Shapes the Climate Change Debate. *GreenBiz*. February 27th, 2015.

<https://www.greenbiz.com/article/al-gore-solyndra-4-ways-culture-shapes-climate-debate>

Penny, E. 2018. “Overpopulation Isn’t Causing Climate Change. Blame Capitalism.” *Red Pepper*. August 17, 2018.

<https://www.redpepper.org.uk/overpopulation-isnt-causing-climate-change-blame-capitalism/>

Scott, A. (2020). The owl (Timber Wars No. 3).

<https://www.opb.org/article/2020/09/22/timber-wars-episode-3-the-owl/>

October 4th

Required Reading

Maniates, M. 2002. Individualization: Plant a Tree, Buy a Bike, Save the World? in Princen, T., Maniates, M., and Conca, K. *Confronting Consumption*. Cambridge, MA: MIT Press. Pp. 43-66.

Ehrlich, P. and Ehrlich, A. 2008. Too many people, too much consumption. *Yale Environment* 360. August 4th, 2008.

Scott, A. (2020). Mill City (Timber Wars No. 4).

<https://www.opb.org/article/2020/09/22/timber-wars-episode-4-mill-city/>

October 6th

Required Reading

Chapter 4 in Robbins, P., Hintz, J. and Moore, S. 2022. *Environment and Society: A Critical Introduction*. Third Edition. London: Blackwell.

Raygorodetsky, G. (2018, November 16). Indigenous peoples defend Earth’s biodiversity—But they’re in danger. *National Geographic*.

<https://www.nationalgeographic.com/environment/article/can-indigenous-land-stewardship-protect-biodiversity->

Ahearn, A. (2021). Oil and Gas (Grouse No. 6).
<https://www.birdnote.org/listen/birdnote-presents/grouse/oil-gas>

October 11th
Required Reading

No required reading

October 13th
Mid-Term Exam

No Required Reading

October 18th
October Break

No required reading

October 20th
Required Reading

Chapter 3 in Robbins, P., Hintz, J. and Moore, S. 2022. *Environment and Society: A Critical Introduction*. Third Edition. London: Blackwell.

[Sustainability Defined](#) episode of your choosing - for Discussion Section Activity (see module)

October 25th
Required Reading

Scott, A. (2020). A way forward (Timber Wars No. 7).
<https://www.opb.org/article/2020/10/03/environmentalist-loggers-common-ground/>

October 27th
Required Reading

Chapter 7 in Robbins, P., Hintz, J. and Moore, S. 2022. *Environment and Society: A Critical Introduction*. Third Edition. London: Blackwell.

Ahearn, A. The Death of Compromise? (Grouse No. 7).
<https://www.birdnote.org/listen/birdnote-presents/grouse/compromise>

November 1st**Required Reading**

Chapter 11 in Robbins, P., Hintz, J. and Moore, S. 2022. *Environment and Society: A Critical Introduction*. Third Edition. London: Blackwell. pp. 184-199

Pacala S. and R. Socolow. 2004. Stabilization Wedges: Solving the Climate Problem for the Next 50 Years with Current Technologies. *Science* 305, 968-972.

November 3rd**Required Reading**

Frosch, R. A. Industrial ecology: A philosophical introduction. 1992. *Proceedings of the National Academy of Science* 89: 800-803.

Lovins, H. L. 2008. Rethinking Production. *State of the World: Innovations for a Sustainable Economy*. Worldwatch Institute. New York: W.W. Norton. Pp. 32-44.

November 8th**Required Reading**

Chapter 12 in Robbins, P., Hintz, J. and Moore, S. 2022. *Environment and Society: A Critical Introduction*. Third Edition. London: Blackwell.

Scott, A. (2020). Bonus episode: Wildfire (Bonus 2).

<https://www.opb.org/article/2020/09/01/timber-wars-trailer-episode-guide/>

November 10th**Required Reading**

No required reading

November 15th**Required Reading**

Hawken, P. 2007. *Blessed Unrest: How the Largest Social Movement in History is Restoring Grace, Justice, and Beauty to the World*. Pp. 1-47.

Chapter 10 in Robbins, P., Hintz, J. and Moore, S. 2022. *Environment and Society: A Critical Introduction*. Third Edition. London: Blackwell. pp. 157-163

November 17th

Required Reading

Chapter 10 in Robbins, P., Hintz, J. and Moore, S. 2022. *Environment and Society: A Critical Introduction*. Third Edition. London: Blackwell. pp. 163-171

November 22nd

Required Reading

Executive Summary (pp. 12-23). In *The Future of Urban Consumption in a 1.5C World* (Headline Report). (2019). C40 Cities.

https://c40-production-images.s3.amazonaws.com/other_uploads/images/2270_C40_CBE_MainReport_250719.original.pdf?1564075036

Newman, P. (2010). Building the Cities of the Future. In *Transforming Cultures from Consumerism to Sustainability*. Worldwatch Institute.

November 24th

No Class (Thanksgiving Break)

No Required Reading

November 29th

Required Reading

Ann Arbor Sustainability and Innovations Office. (2019). A2ZERO Sector FactSheet (p. 2).

https://www.a2gov.org/departments/sustainability/Documents/A2ZERO-Sector-FactSheet_Implementation.pdf

December 1st

Required Reading

McKibben, B. 2013. Movements without leaders: What to make of change on an overheating planet. *Tomdispatch*. August 18th, 2013 <http://www.tomdispatch.com/blog/175737/>

Ahearn, A. (2021). If Not Hope, Then Courage (No. 8).

<https://www.birdnote.org/listen/birdnote-presents/grouse/courage>

December 6th

Required Reading

Barlett, P. 2011. Campus sustainable food projects: Critique and engagement. *American Anthropologist*, 113(1). Pp 101-105 and pp. 111-112

Campus Farm Video <https://www.youtube.com/watch?v=nefeRes5Nh0&feature=youtu.be>

Metea, J. 2015. All Michigan Dining Facilities certified as Platinum for Sustainability. *The University Record*. July 15th, 2015.

December 8th
Final Exam Review

No Required Reading

December 19th
Final Exam