

ENVS 304: Sustainability Governance: The Politics of Environmental Solutions

Northern Illinois University
Fall 2023

Instructor: Dr. Colin Kuehl
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OH: Tuesday and Thursday 12-1 (Zulauf 410
and [Online](#)) & by appointment

TA: Rowan Carter

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OH: Tuesdays 2-3 and
Wednesdays 330-5
(Montgomery 325 and Online)
& by appointment

Course Description:

This course introduces students to how underlying social and political dynamics interact to shape environmental problems and their solutions. Students will be exposed to broad theoretical understandings of how society and its governance contribute to issues of sustainability. Specifics of the environmental policy-making process in the United States and examples of specific policies will be a focus. The final part of the course will introduce students to the role of the United States in a global context. Throughout the semester students will apply social science perspectives to contemporary environmental problems and propose policy solutions.

Student Learning Outcomes:

By the end of this course you will

- understand the economic, political and social factors that drive environmental degradation and protection.
- identify and evaluate the rules and structures, both formal and informal, that drive sustainable behavior and policy.
- understand the American environmental policy making and adjudication processes.
- improve critical analysis and written communication through discussion, exams, and research papers.

Requirements and Grading:

Grade Breakdown

Midterm	15%
Explanatory Paper	20%
Policy Paper	20%
Final	20%
Discussion Participation	15%

Reading Quizzes

10%

Midterm (Oct 11th or 12th) and Final (Dec. 6th): The midterm and final will consist of content covered in lecture, readings and current events (see below). The exam will have both online and in-class components and will be composed of of essay, short answer, and multiple-choice questions.

Papers (Due Oct. 20th and Dec. 1st): You will write two papers in this class on an environmental issue of your choosing. In the first you will apply social science theories to explain the current state of an environmental problem. In the second, you will write a policy memo providing specific recommendations on how a policy solution could be successfully implemented in the American political system. The second paper can be completed as a video presentation. A detailed assignment sheet will be provided in week 3.

Discussion Participation(weekly): Students are expected to attend and actively participate in each discussion section. Attendance will be taken at all discussion sections and please attend the section you were assigned. One unexcused absence will be dropped. Please come to class prepared, having done the reading, and ready to engage in lively discussion of that day's topic. Discussion section is your opportunity to fully engage with one of your instructors and each other.

Reading Quizzes(weekly, due by midnight the night before section): Each week you will either have reading quiz connected to that week's content. All will be due the day prior to your discussion section. Your lowest quiz grade will be dropped.

Extra Credit: Limited extra credit opportunities will be provided throughout the semester. For example, watching and writing a response to the environmental documentaries or attending on campus events.

Your Responsibilities

Weekly Schedule: Each week you will be expected to watch all pre-recorded lectures, complete the required readings, and complete that week's reading quiz prior your section. Each student will then attend their assigned discussion on Wednesday or Thursdays.

Lectures: Lectures will be posted to the course blackboard site each Friday. You will be responsible for actively watching each lecture. Please take notes as you would for a normal in person lesson and have questions ready for discussion section or office hours. I highly recommend taking notes during the lectures by hand. Research suggests it too.

Discussion Sections: Discussion sections are your opportunity to actively engage with the course material, your colleagues, and instructor. Please come prepared ready to participate. Most discussion sections will be led by the Teaching Assistant and will consist of a variety of in-class activities, games, groupwork, and traditional discussion. This is not another lecture so plan to actively contribute throughout the time.

Discussion Times

- Wednesday 12 PM – DuSable 256
- Thursday 11 AM – DuSable 252
- Thursday 4 PM – DuSable 240

*You are expected to attend your assigned section, but may switch in a given week with permission of the TA.

Current Events: Consequential events in environmental politics will be happening throughout this semester. Accordingly, this course will rely on discussions that transcend reading material and beckon engagement with contemporary issues. It is therefore required that students stay up to date with current global affairs by following a major newspaper (e.g. New York Times, BBC, or the Economist). I highly recommend getting in the habit of reading the news every day and, if you can, purchasing a subscription (quality journalism does not come cheaply) to an outlet of your choice for the duration of the semester. I also suggest signing up for Climate Nexus Newsletter for a quick almost daily dose of what is happening in the world of climate change.

If a natural curiosity about the world or performing your civic duty is not enough to motivate a reading habit, current events will be discussed every week in discussion section (i.e. participation points) and be a component of the midterm and final.

Note: In addition to traditional news sources, I highly recommend these academic blogs for actual expert analysis on current events: The Conversation, Duck of Minerva, and Project Syndicate for general interest and political science and Grist, Climate Central, and Yale Climate Connections for environment. For those that commute, NIU's WNII(89.5) has excellent political coverage and daily reports on climate change. Please let me know if you find relevant articles of relevance to the course elsewhere (for extra participation points).

Course Materials

There are no required books for this course, however we will use one open access title as a supplement.

Krutz, Glen. (2019) American Government 2e OpenStax

This book is free to access online and will be used to supplement existing knowledge of American politics. As such, readings will optional for those with a strong grasp of American political institutions.

All additional requited readings will be provided on the course blackboard site. In addition, optional readings, podcasts, and other multi-media will be listed on blackboard. These are highly recommended and will aid in understandings of core concepts.

Course Policies

Disability Accommodations: If you need an accommodation for this class, please contact the Disability Resource Center as soon as possible. The DRC coordinates accommodations for students with disabilities. It is located on the 4th floor of the Health Services Building, and can be reached at 815-753-1303 or drc@niu.edu. Also, please contact me privately as soon as possible so we can discuss your accommodations.

COVID Precautions: Masks are not required for this class (subject to changes in university protocols). Please be respectful of others decisions. Above all, please be considerate of your fellow students. If you are feeling sick stay home. If you might be sick wear a mask. At all times, please do your part to keep everyone healthy.

Email: All course announcements will be given over email. I will expect you to check your email at least daily during the week. I will check my email from the hours of 9 am - 5 pm, but am not available on weekends. If possible, please come see me in office hours or at another scheduled time. Communication is key to getting through the challenges of the semester so please do not hesitate to contact us with any questions you might have. Please don't surprise me with reasons you are struggling at the end of the semester. Communicate early and often.

Office Hours: Office hours will be split between in person and online versions. Please visit the version that you are comfortable with. Talking allows me to get to know you and is much more efficient than emails. Please take advantage of the access office hours affords.

Technology: I assume that you have regular access to a computer and high-speed internet. If this is not the case please contact me ASAP and we will see what we can do. Technology "challenges" will inevitably arise during the semester. Please be patient with each other and your instructor. I highly recommend backing up your coursework to the cloud (like NIU's onedrive or dropbox) and/or an external hard drive.

Academic Integrity - I take academic misconduct very seriously. All work submitted must be a students' own in full. Any student in this course found to have plagiarized (accidentally or otherwise) the work of another individual (including, but not limited to, other students, existing scholarship, or AI generated content) at minimum will receive a zero on the assignment and may be subject to additional sanctions by the University. Students are expected to have read and to abide by NIU's Student Code of Conduct. This is your responsibility and a requirement of this course. Please take NIU's Online Tutorial on Academic Integrity to re-familiarize yourself if you have doubts or concerns and/or speak to your Instructor in office hours. If you have any questions throughout the course relating to academic practices, academic integrity, and issues of plagiarism and/or citation please speak to the Instructor and/or consult the links noted above. Failure to understand these requirements does not constitute an excuse to deviate from them.

Grade Appeals: If you wish to appeal a grade you must wait 48 hours after you receive the grade and send the instructor a 1-page email specifying why you believe your grade is incorrect.

Assignment Submission: Your papers will be submitted on blackboard. For every 24 hours the assignment is late you will receive a 10% reduction in the grade (starting at the

beginning of class). After 72 hours late, the grade for the assignment becomes a zero. If your assignment is going to be late, please email before the original due date and will set a new one.

Extensions I understand that “life happens” and accommodations are possible for documented medical or family emergencies and this will be particularly the case this semester. If you think you need to delay taking an exam or submitting a written assignment please talk to me as soon as possible. Extensions are never guaranteed, but are much more likely if you talk to me before the issue arises, not after. They will be based on University policy, exigency of the circumstances, and timeliness of the request (i.e. the earlier the better).

Recordings: Please do not record or distribute lectures or discussions without first getting permission from the instructor.

Our Academic Environment -Together, we will foster a comfortable, engaging, and accessible scholarly environment. All students should feel welcome to attend and speak freely in class and in office hours. Issues of politics can be controversial, and debates can become heated. However, we will approach this course as colleagues, and we will treat each other with respect and dignity at all times.

Mental Health: These are challenging and anxiety inducing times outside of this course. I understand this and have my own battles. We all will handle this uncertainty and stress in different ways. Please take the time for self-care and if you need extensions for mental health reasons do not hesitate to ask. If you or somebody you know is struggling with anxiety or other issues, do not hesitate to reach out. Resources available include the DRC, Student Counseling Services or call 815-306-2777.

Gender Identity: As a faculty member, I am committed to using your proper name and pronouns. We will take time during our first class together to do introductions, at which point you can share with all members of our learning community what name and pronouns you use, as you are comfortable. Additionally, if these change at any point during the semester, please let me know and we can develop a plan to share this information with others in a way that is safe for you.

Land Acknowledgement Statement: Northern Illinois University operates and is built on the traditional lands of the Oceti Sakowin (Sioux), Miami, Bodewadmiakiwen (Potawatomi), Sauk and Meskwaki, and Peoria. These lands are subject to Cession 50 and 148, though their terms have been consistently violated. We seek to acknowledge this land and these peoples in order to honor the legacies, struggles and current existence of Indigenous peoples; situate ourselves within settler-colonial projects; disrupt the erasure of Indigenous peoples; and begin/continue the work of collectively learning and fulfilling our obligations, for those of us who are uninvited guests on Indigenous peoples' lands

Schedule:

the readings, topics, and dates below are subject to change. All changes will be announced through NIU email. Dates below indicate the Monday of each week. If you have trouble accessing any materials please email Prof Kuehl.

Week 1(Aug. 28nd) – Introduction and History

Readings:

- Desombre, Elizabeth R. (2020) Ch 1: Defining Environmental Politics. In *What is Environmental Politics*
- Robinson Meyer. (2017, March 29). A Curious Person's Guide to the EPA and U.S. Environmental Law. *The Atlantic*.
- Gelles, David. (2023, July 10th). Climate Disasters Daily? Welcome to the 'New Normal.' *New York Times*
- Paris, F., Parlapiano, A., Sanger-Katz, M., & Washington, E. (2022, August 13). A Detailed Picture of What's in the Democrats' Climate and Health Bill. *The New York Times*.

Lectures:

- Introduction and Syllabus
- A Brief History of Environmental Problems

Suggested Readings/Media:

- Podcast: *The Carbon Copy* (2023, August 15th) America's historic climate law, one year on.
- Podcast: *Volts*. (2022, August 20th) What to Make of Democrats' Last-Minute Climate Bill.
- Rich, N. (2018, August 1). Losing Earth: The Decade We Almost Stopped Climate Change. *The New York Times Magazine*.
- Mildenberger, M., & Stokes, L. (2018, August 6). No, we didn't almost solve the climate crisis in the 1980s. *Vox*.
- Kashwan, P. (2020, September 2). American environmentalism's racist roots have shaped global thinking about conservation. *The Conversation*.
- Collini, F., Grolle, J., & Milz, T. (2021, August 12). Summer of anxiety: Have we finally broken the climate? *Der Spiegel*
- NIU Center for Teaching and Learning. Online and Remote Learning Tips for Students

Week 2(Sep 4th) – Communication and Information Deficits

Readings:

- Gardner, G. T., & Stern, P. C. (2002). Educational Interventions. In *Environmental problems and human behavior* (2nd ed., pp. 71–94).

- Hungerford, H. R., & Volk, T. L. (1990). Changing Learner Behavior Through Environmental Education. *The Journal of Environmental Education*, 21(3), 257–269.
- Corner, A., & Groves, C. (2014). Breaking the climate change communication deadlock. *Nature Climate Change*, 4(9), 743–745
- Cook, J. (2019). Understanding and Countering Misinformation About Climate Change. *Handbook of Research on Deception, Fake News, and Misinformation Online* 281–306.

Lectures:

- Thinking Theoretically about the Social Sources of Environmental Problems
- Information Deficit theory of Environmental Change
- Science, Education, and Increasing Information

Suggested Readings/Media

- Podcast: The United States of Anxiety. (2017). “The Birth of Climate Denial”
- Podcast: Life Kit. (2020). “How to Read Food Labels, From Free-Range to Fair Trade.”
- Requarth, T. (2020). Scientists, Stop Thinking Explaining Science Will Fix Things. It Won’t. *Slate*
- Play: The Cranky Uncle game

Week 2(Sep 11th) – Politics and Collective Action Problems

Readings:

- Hardin, G. (1968). The Tragedy of the Commons. *Science*, 162(3859), 1243–1248
- The Free Rider Problem *Stanford Encyclopedia of Philosophy*
- Mildenberger, M. (2019). The Tragedy of the Tragedy of the Commons *Scientific American*
- Rosenbaum, W. A. (2019). Command and Control in Action. *Environmental politics and policy* (pp. 167–197)

Lectures:

- Common Pool Resources & Collective Action Problems
- Command and Control Solutions

Suggested Readings/Media

- Ostrom, E. (1999). Revisiting the Commons: Local Lessons, Global Challenges. *Science*, 284(5412), 278–282.
- Meyer, R. (2021). An Outdated Idea is Still Shaping Climate Policy. *The Atlantic*
- Podcast: Matter of Degrees. (2021). “Let’s Go Get Us a Clean Electricity Standard”

Week 4(Sep 18th) – Economics and Market Failures

Readings:

- Scorse, J. (2019, September 10). Market-based policies work to fight climate change, from India to Jamaica *The Conversation*
- Olmstead, M. (2019). Using Markets to Shape Environmental Policy. In *Environmental Policy*.
- The Economist. (2018). Sin Taxes
- Meyer, R. (2015, August 12). The Devastating Cost of Coal. *The Atlantic*.
- Krugman, P. (2022, August 17). Why We Don't Have a Carbon Tax. *New York Times*

Lectures:

- Externalities and Market Failure
- Market Solutions

Suggested Readings/Media

- Ruff, L. E. (1970). The economic common sense of pollution. *National Affairs*
- Podcast: Fresh Air Cap and Trade and The New Carbon Economy

Week 5(Sep 25th) – Psychology and Motivation

Readings:

- Van der Linden, S., Maibach, E., & Leiserowitz, A. (2015). Improving Public Engagement with Climate Change. *Perspectives on Psychological Science*, 10(6), 758–763.
- Griskevicius, V., Tybur, J. M., & Van den Bergh, B. (2010). Going green to be seen Status, reputation, and conspicuous conservation. *Journal of Personality and Social Psychology*, 98(3), 392–404.
- Sunstein, C. R. (2014). Nudging: A Very Short Guide. *Journal of Consumer Policy*
- Ehret, P. J., Hodges, H. E., Kuehl, C., Brick, C., Mueller, S., & Anderson, S. E. (2020). Systematic Review of Household Water Conservation Interventions Using the Information–Motivation–Behavioral Skills Model. *Environment and Behavior*.

Lectures:

- Psychological Barriers to Changing Behavior
- Motivating Pro-Environmental Behavior

Suggested Readings/Media

- Hagmann, D., Ho, E. H., & Loewenstein, G. (2019). Nudging out support for a carbon tax. *Nature Climate Change*, 9(6), 484–489.
- Maki, A. (2019). The Potential Cost of Nudges. *Nature Climate Change*

- Podcast: Hidden Brain. (2016). Why our brains weren't meant to deal with climate change
- Gifford, R. (2011). The dragons of inaction: Psychological barriers that limit climate change mitigation and adaptation. *American Psychologist*, 66(4), 290–302.
- Cseke, B. (2022, June 23). Don't call it a carp: Illinois dresses up the reviled invasive species and hopes customers will bite. WBEZ Chicago.

Week 6(Oct 2nd) – Justice and Environmental Racism

Readings:

- Selections: Pellow, D. N. (2004). *Garbage wars: The struggle for environmental justice in Chicago*.
- Podcast: *The City* (2017) Six Stories and Life in the Shadow of the Mountain (First two episodes)
- Mohai, P., Pellow, D., & Roberts, J. T. (2009). Environmental Justice. *Annual Review of Environment and Resources*, 34(1), 405–430.
- Brune, M. (2020). Pulling Down our Monuments. *The Sierra Club*
- Provost and Gerber. (2018). In the U.S., black, brown, and poor people suffer the most from environmental contamination. *The Washington Post*

Lectures:

- Introduction
- Environmental Injustice
- Environmental Justice Solutions

Suggested Readings/Media:

- Tessum, C. W., Paoletta, D. A., Chambliss, S. E., Apte, J. S., Hill, J. D., & Marshall, J. D. (2021). PM2.5 polluters disproportionately and systemically affect people of color in the United States. *Science Advances*, 7(18).
- How to Save a Planet. 2020. "Black Lives Matter and the Climate"(podcast)

Week 7(Oct 9th) – Individuals vs Institutions (and midterm)

Readings:

- Steinberg, P. F. (2015). *Who rules the earth? How social rules shape our planet and our lives*. Oxford University
- Maniates, M. F. (2001). Individualization: Plant a Tree, buy a Bike, Save the World? *Global Environmental Politics*, 1(3), 31–52.
- Kuehl. (2022). Acting Sustainably: Public and Private Environmental Behaviors. *Pathways to Research to Sustainability*

Lectures:

- Individuation vs Institutions

Suggested Readings/Media:

- Schreiber, M. (2020, April 27). The Coronavirus and the Limits of Individual Climate Action. *The New Republic*.
- Podcast: A Matter of Degrees. (2020). "Give up Your Climate Guilt"
- Podcast: How to Save a Planet. (2021). "Is Your Carbon Footprint BS?"

Week 8(Oct 16th) – The People, Political Parties, and the Policy Process

Readings:

- Rosenbaum, W. A. (2020). The Policy Process. In *Environmental Politics and Policy* (11th ed., pp. 30–60). Sage.
- Shultz, G., & Halstead, T. (2020, January 16). The Winning Conservative Climate Solution. *Climate Leadership Council*.
- Egan, P. J., & Mullin, M. (2017). Climate change: US public opinion. *Annual Review of Political Science*, 20(1), 209-227.
- Warner, A. (2018, May 2). Unpersuasive: Why arguing about climate change often doesn't work. *Annual Reviews*

Lectures:

- Overview: The American Policy Making Process
- Public Opinion and Partisanship

Suggested Readings/Media:

- OpenStax Chap 6 - "Public Opinion"
- Ansolabehere, S., & Konisky, D. M. (2014). *Cheap and clean*.
- Podcast: *Hidden Brain*. (2019). Partisanship in American Politics

Week 9(Oct 23rd) – The Legislative Branch and Interest Groups

Readings:

- Stokes, L. (2020, April 19). Upend the political power of carbon polluters. *The Boston Globe*
- Kormann, C. (2015, February 17). Greening the Tea Party. *The New Yorker*
- Anderegg et al. (2021, June 5) Opinion: Why Republicans need to engage in climate politics — and where to begin. *Deseret News*

Lectures:

- Interest Groups
- Congress and Party Politics

Suggested Readings/Media:

- OpenStax Chapt 10 "Interest Groups and Lobbying"

- OpenStax Chap. 11 "Congress"
- Supran, G., & Oreskes, N. (2017). Assessing ExxonMobil's climate change communications (1977–2014). *Environmental Research Letters*, 12(8), 084019.
- Podcast: A Matter of Degrees. (2020) "The Darth Vader of Electric Utilities"

Week 10(Oct 30th) – The Executive Branch

Readings:

- Rosenbaum, W. A. (2020). The Presidency. In *Environmental Politics and Policy* (11th ed., pp. 73–78). Sage.
- NYT. 2021. "The Trump Administration Rolled Back More Than 100 Environmental Rules."

Lectures:

- The Presidency
- Bureaucracy and Implementation

Suggested Readings/Media

- OpenStax Chap. 12 "The Presidency"
- OpenStax Chapt 15 "The Bureaucracy"
- Podcast: NYT The Daily (2019) "The White House Plan to Change Climate Science"
- Podcast: How to Save a Planet. (2020). "How Much Does the President Matter for the Climate?"

Week 11(Nov 6th) – Judiciary and Federalism

Readings:

- Osorio, A., & O'Leary, R. (2020). "Chapter 6: American courts and U.S. environmental policy". In Handbook of U.S. Environmental Policy.
- Polk, Amber (2023) Montana kids win historic climate lawsuit – here's why it could set a powerful precedent. *The Conversation*
- Parenteau, P. (2022, June 30). The Supreme Court has curtailed EPA's power to regulate carbon pollution – and sent a warning to other regulators. *The Conversation*
- Hill, R. (2017) "Environmental Laws" in *Environmental Protection: What Everyone Needs to Know* (24-34) Oxford.

Lectures:

- Judiciary Basics
- Federalism and Local Politics

Suggested Readings/Media

- Podcast: How to Save a Planet. (2020) "The Witch of Wind"
- Podcast: Trump on Earth. (2020) "Losing RBG"

Week 12(Nov 13th) – Environmental Law

Readings:

- TBD

Lectures (Prof. Sarah Fox)

- Introduction to Environmental Law
- Environmental Law of Water Pollution and Climate Change

Suggested Readings/Media

- Transcript in Juliana case

Week 13(Nov 20th) – Thanksgiving Week

Optional Paper Workshop Tuesday, Nov. 22nd

Week 14(Nov 27th) – The US in Global Context

Readings:

- Urlaub, P. (2016, October 17). Why is the US Green Party so irrelevant? *The Conversation*.
- Beeson, M. (2017). Coming to terms with the authoritarian alternative: The implications and motivations of China's environmental policies. *Asia & the Pacific Policy Studies*, 5(1), 34-46.
- Shankar, V. (2021) What Developing Countries Need to Reach Net Zero *Project Syndicate*

Lectures:

- Comparative Environmental Politics
- Environmental Policy in the Developing World
- US Climate Policy Overview

Suggested Readings/Media:

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Week 15(Dec 4th) – The Global Environment and Conclusion

Readings:

- DeSombre, E. R. (2020). What is Environmental Politics? *International Environmental Politics*.
- Buiter, W. H. (2020, February 10). Is global climate solidarity impossible? *Project Syndicate*.
- Solnit, R. (2018, October 14). Don't despair: the climate fight is only over if you think it is. *The Guardian*.

Lectures:

- Global Environmental Cooperation
- Conclusion

Suggested Readings/Media

- Podcast: The United States of Anxiety (2021) "Nothing You do Alone Will Save the Climate"

Final Exam – December 11th or 13th – 12-1230