PR3634: Global Environmental Politics

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Description

Climate change is one of the most pressing problems facing the world today. Yet countries often fall short in making meaningful progress in protecting the environment, in spite of the unified recommendations of scientists. Both domestic and international efforts to mitigate and adapt to climate change are often hindered by politics. The politics of climate change, are thus essential to understand past, present, and future efforts to deal with this, potentially existential problem.

This course examines both the domestic and international politics of the environment. The first part of the course consists of defining the environmental problems faced globally, highlighting similarities and differences to other issues. This part also identifies the key actors, interests, and institutions that are necessary to understand the politics of climate change. The second part of the course focuses on three varieties of theories of environmental politics: collective action problems, distributional politics, and ideational conflict. The third part then examines a variety of topics in environmental politics, building upon the analytical approaches outlined in the first two parts of the course. The chosen topics allow for both understanding how politics shapes environmental outcomes, for example through international agreements, as well as how climate change and the environment affects political outcomes, for example by fostering political conflict.

Learning Objectives

By the end of the course students will be able to

- identify and define the key environmental problems facing society
- have a firm understanding of theories of environmental politics
- apply the logic from these models to a variety of environmental issues and current public debates
- effectively communicate their analyses both verbally and in writing

- demonstrate familiarity with essential, academic readings in the field, and their potential limitations

Delivery

The weekly sessions will consist of a two hour online seminar and an additional one hour in person block, both of which are essential for completing the module. The online seminar will involve student presentations and discussion of the week's readings. The in person seminar will focus on providing instruction related to the assignments, synthesise the online seminar discussion, and provide opportunities for discussing related topics and any outstanding questions.

Main Online Seminar: Tuesdays 10:00 - 12:00

Additional Seminar: Tuesdays 12:00 - 13:00

Consultation and feedback hours: Thursdays 09:30 -10:30

Expectations

There will be ten weekly sessions, each of which can be expected to take up three hours of your time, either in-person, online, or in a combination of the two depending on circumstances (and always communicated well in advance). You will be expected to participate in these sessions, in whatever format they occur. You will be expected to be on time to our sessions, to silence your cell phones, to use your computers for only class-related purposes, and to be respectful of your fellow participants in the module. You will be expected to abide by the Royal Holloway Student Regulations.

You are expected to do the essential readings for each week. The readings are there to help you make sense of the seminar activity and, hopefully, to inspire you to select one of the essay questions.

You will be able to access each week's key readings via the Talis reading list that you will find for every week.

Further Support

If you experience any difficulties with any aspect of this module, please contact me.

Royal Holloway also offers a number of services available to support you in your studies, including your personal tutor, the Student Services Centre, IT Services, Disability & Dyslexia Services, the Health Centre, Student Wellbeing, Counselling, the International Student Support Office and Self-Study Resources.

Course Literature

Readings will consist of academic articles and/or selected chapters from books outlined below. While there is no fixed textbook, the following textbooks are good in providing a general, if incomplete, picture of the content of the course.

Mitchell, R. B. (2010). International Politics and the Environment. SAGE, London.

O'Neill, K. (2009). The Environment and International Relations. Cambridge University Press, Cambridge, MA,.

Assessment

The summative assessment for PR3634 consists of two pieces of coursework:

1. A scientifically informed op-ed (30% of the overall grade), which is due in on Wednesday 28th October @ 12.00pm
2. A final essay (70% of the overall grade), which is due in on Wednesday 16th December @ 12.00pm

You can read detailed information about each piece of assessment below.

Both pieces of assessment will be graded according to the departmental marking criteria. Marks and feedback for all coursework submitted by the relevant deadline will be returned within 15 working days.

Please do not hesitate to get in touch with me if anything is unclear about the assignments or you would like advice and feedback.

Assignment 1: Op-Ed

Deadline: Wednesday 28th October @ 12.00pm

The op-ed consists of writing an opinion piece, intended for a general audience, informed by academic research on a current environmental issue. Such opinion pieces and explainers are a common form of writing amongst major news outlets, and serve as an important bridge between specialised academic knowledge and general interest about current events.

A helpful guide to writing such pieces is available on the Moodle here.

Students are allowed, and in fact encouraged, to choose their own topic to write on. If you wish to do so then we will consult upon the topic during the class. In doing so try to think of topics that are topical, and likely to be of importance around the time of submission. This will increase the likelihood that you can publish the op-ed, if you wish to do so. Students may also get some inspiration, or specifically choose a topic, from this list below:

- The future prospects for the Paris Agreement, particularly after the US leaves.
- The political feasibility of the adoption of green corona stimulus packages.
- The effect of the rollback of democracy in many countries upon environmental outcomes.
- The likely consequences of environmental policy under a Biden/Trump Presidency.
- The extent of climate skepticism, its politicisation, and consequences.

In writing the opinion piece, students should search for and incorporate research found outside of the course readings. The best way to do so is using the Web of Science (http://webofknowledge.com) which can be accessed when using the University network or VPN. I will provide an introduction its use as part of the course.

Below are some examples of such forms of writing:

https://www.vox.com/2016/3/15/11232024/reframe-climate-change
https://www.washingtonpost.com/news/monkey-cage/wp/2017/11/11/delhis-been-hit-with-toxic-smog
https://www.bostonglobe.com/2020/07/13/opinion/our-racist-fossil-fuel-energy-system/
https://www.washingtonpost.com/news/monkey-cage/wp/2018/10/08/the-climate-is-changing-heres-h

Assignment 2: Final Essay

Deadline: Wednesday 16th December @ 12.00pm

The final essay consists of a more traditional academic review article on a topic of the student's choice. This format requires engaging in more depth with the scientific literature, and should be pitched toward a more informed consumer of research such as practitioners and policy makers. The essay should provide a broad and systematic overview of research relating to the chosen topic. In doing so the essay should organize, evaluate, and synthesise the literature in order to identify patterns, trends, and gaps requiring further research.

A helpful guide to writing such pieces is available on the Moodle here.

A variety of review articles have been assigned as a part of the reading, and so serve as examples to potentially follow.

As was the case for the op-ed students are allowed to choose their own topic, that must be approved in consultation with me. Otherwise, they may choose from the following list of topics:

1. Assess the potential impact of the US withdrawal from the Paris agreement upon tackling climate change.
2. What are the prospects of the Paris agreement enabling a global temperature rise below 1.5-2 degrees?
3. How are economic and social inequalities shaped by the environment, climate change, and associated policy responses.
4. Which has a greater role in shaping meaningful climate policy: domestic or international factors?
5. How effective will Article 6 of the Paris Agreement be for mitigating climate change.
6. Which is the greater barrier for climate policy: the public's ideology or their interests?
7. Under what conditions do governments implement effective environmental policy, absent the involvement of other countries.
8. Will technological innovation help or hinder climate change mitigation?
9. Assess the distributional and political consequences of rising energy prices, that are a result of environmental policy.
10. Does climate change cause new grievances, or simply exacerbate existing problems?
11. To what extent does polarisation shape individuals' beliefs and policy preferences towards climate change.

Formative Assessment:

Students will be required to hold a presentation as a part of the formative assessment for the course. For the presentation students will summarise an assigned reading for a given week in a 10 minute presentation, and propose discussion questions for the group. I will do such presentations in the initial sessions of the course to illustrate the form and expectations of such a presentation. Students can choose from the readings here: https://doodle.com/poll/73uqbehcy8863faf

Sessions

0. Introduction to the course (21st September - 25th September)

   Recommended Readings:

   - Mitchell, R. B. (2010). International Politics and the Environment. SAGE, London, Ch. 1 and 2.
   - O'Neill, K. (2009). The Environment and International Relations. Cambridge University Press, Cambridge, MA, Ch. 1 and 2
   - Thomas Bernauer. Climate change politics. *Annual Review of Political Science*, 16(1): 421–448, 2013. doi: 10.1146/annurev-polisci-062011-154926. URL https://doi.org/10.1146/annurev-polisci-062011-154926

1. Who is responsible for dealing with climate change? (28th September - 2nd October)

   Essential Readings:

   - Edward A. Page. Distributing the burdens of climate change. *Environmental Politics*, 17(4):556–575, 2008. doi: 10.1080/09644010802193419. URL https://doi.org/10.1080/09644010802193419
   - Melissa Lane. Political theory on climate change. *Annual Review of Political Science*, 19(1):107–123, 2016. doi: 10.1146/annurev-polisci-042114-015427. URL https://doi.org/10.1146/annurev-polisci-042114-015427

   Recommended Readings:

   - Lauren Hartzell-Nichols. Responsibility for meeting the costs of adaptation. *WIREs Climate Change*, 2(5):687–700, 2011. doi: 10.1002/wcc.132. URL https://onlinelibrary.wiley.com/doi/abs/10.1002/wcc.132
   - Robert Huseby. Should the beneficiaries pay? *Politics, Philosophy & Economics*, 14 (2):209–225, 2015. doi: 10.1177/1470594X13506366. URL https://doi.org/10.1177/1470594X13506366
   - Mathias Friman and Gustav Strandberg. Historical responsibility for climate change: science and the science–policy interface. *WIREs Climate Change*, 5(3):297–316, 2014. doi: 10.1002/wcc.270. URL https://onlinelibrary.wiley.com/doi/abs/10.1002/wcc.270
   - Robert Gampfer. Do individuals care about fairness in burden sharing for climate change mitigation? evidence from a lab experiment. *Climatic Change*, 124(1-2):65–77, 2014. ISSN 0165-0009. doi: 10.1007/s10584-014-1091-6. URL http://dx.doi.org/10.1007/s10584-014-1091-6
   - Marco Grasso and J. Timmons Roberts. A compromise to break the climate impasse. *Nature Climate Change*, 4(7):543–549, 2014. doi: 10.1038/nclimate2259. URL https://doi.org/10.1038/nclimate2259
   - Stavros Afionis, Marco Sakai, Kate Scott, John Barrett, and Andy Gouldson. Consumption-based carbon accounting: does it have a future? *WIREs Climate Change*, 8(1):e438, 2017. doi: 10.1002/wcc.438. URL https://onlinelibrary.wiley.com/doi/abs/10.1002/wcc.438

2. International Climate Policy and the Paris Agreement (5th October - 9th October)

Essential Readings:

- Gabriel Chan, Robert Stavins, and Zou Ji. International climate change policy. *Annual Review of Resource Economics*, 10(1):335–360, 2018. doi: 10.1146/annurev-resource-100517-02332 URL https://doi.org/10.1146/annurev-resource-100517-023321

- Chukwumerije Okereke and Philip Coventry. Climate justice and the international regime: before, during, and after paris. *WIREs Climate Change*, 7(6):834–851, 2016. doi: 10.1002/wcc.419. URL https://onlinelibrary.wiley.com/doi/abs/10.1002/wcc.419

Recommended Readings:

- Arild Underdal. Climate change and international relations (after kyoto). *Annual Review of Political Science*, 20(1):169–188, 2017. doi: 10.1146/annurev-polisci-052715-111713. URL https://doi.org/10.1146/annurev-polisci-052715-111713
- Liam F. Beiser-McGrath and Thomas Bernauer. Commitment failures are unlikely to undermine public support for the paris agreement. *Nature Climate Change*, 9 (3):248–252, 2019. doi: 10.1038/s41558-019-0414-z. URL https://doi.org/10.1038/s41558-019-0414-z
- Jon Hovi, Hugh Ward, and Frank Grundig. Hope or despair? formal models of climate cooperation. *Environmental and Resource Economics*, pages 1–24, 2014. ISSN 0924-6460. doi: 10.1007/s10640-014-9799-3. URL http://dx.doi.org/10.1007/s10640-014-9799-3
- William D. Nordhaus. Climate clubs: Overcoming free-riding in international climate policy. *American Economic Review*, 105:1339–70, 2015
- Detlef F. Sprinz, Håkon Sælen, Arild Underdal, and Jon Hovi. The effectiveness of climate clubs under donald trump. *Climate Policy*, 18(7):828–838, 2018. doi: 10.1080/14693062.2017.1410090. URL https://doi.org/10.1080/14693062.2017.1410090
- Jen Iris Allan. Dangerous incrementalism of the paris agreement. *Global Environmental Politics*, 19(1):4–11, 2019. doi: 10.1162/glep_a_00488. URL https://doi.org/10.1162/glep_a_00488
- Sam S. Rowan. Pitfalls in comparing paris pledges. *Climatic Change*, 155(4):455–467, 2019. doi: 10.1007/s10584-019-02494-7. URL https://doi.org/10.1007/s10584-019-02494-7

3. Collective Action, Cooperation, and Distributional Conflict (12th October - 16th October)

Essential Readings:

- Michaël Aklin and Matto Mildenberger. Prisoners of the wrong dilemma: Why distributive conflict, not collective action, characterizes the politics of climate change. *Global Environmental Politics*, Forthcoming
- Ostrom, Elinor (1990) Governing the Commons: The evolution of institutions for collective action. Ch. 1 and 6. https://wtf.tw/ref/ostrom_1990.pdf

Recommended Readings:

- Kenneth A. Oye and James H. Maxwell. Self-interest and environmental management. *Journal of Theoretical Politics*, 6(4):593–624, 1994. doi: 10.1177/0951692894006004008. URL https://doi.org/10.1177/0951692894006004008
- Elinor Ostrom. Coping with tragedies of the commons. *Annual Review of Political Science*, 2(1):493, 1999. ISSN 10942939. URL http://0-search.ebscohost.com.serlib0.essex.ac.uk/login.aspx?direct=true&db=bth&AN=5366745&site=ehost-live
- Keith Carlisle and Rebecca L. Gruby. Polycentric systems of governance: A theoretical model for the commons. *Policy Studies Journal*, 47(4):927–952, 2019. doi: 10.1111/psj.12212. URL https://onlinelibrary.wiley.com/doi/abs/10.1111/psj.12212
- Dustin Tingley and Michael Tomz. Conditional cooperation and climate change. *Comparative Political Studies*, 47(3):344–368, 2014. doi: 10.1177/0010414013509571. URL http://cps.sagepub.com/content/47/3/344.abstract
- Robert O. Keohane and David G. Victor. Cooperation and discord in global climate policy. *Nature Climate Change*, 6:570 EP –, 05 2016. URL http://dx.doi.org/10.1038/nclimate2937
- Federica Genovese. Sectors, Pollution, and Trade: How Industrial Interests Shape Domestic Positions on Global Climate Agreements. *International Studies Quarterly*, 63(4):819–836, 08 2019. ISSN 0020-8833. doi: 10.1093/isq/sqz062. URL https://doi.org/10.1093/isq/sqz062
- Amanda Kennard. The enemy of my enemy: When firms support climate change regulation. *International Organization*, 74(2):187–221, 2020. doi: 10.1017/S0020818320000107

4. Ideational Conflict and Public Attitudes (19th October - 23rd October)

Essential Readings:

- Tien Ming Lee, Ezra M. Markowitz, Peter D. Howe, Chia-Ying Ko, and Anthony A. Leiserowitz. Predictors of public climate change awareness and risk perception around the world. *Nature Climate Change*, 5(11):1014–1020, 2015. doi: 10.1038/nclimate2728. URL https://doi.org/10.1038/nclimate2728
- Bruce Tranter and Kate Booth. Scepticism in a changing climate: A cross-national study. *Global Environmental Change*, 33:154 – 164, 2015. ISSN 0959-3780. doi: https://doi.org/10.1016/j.gloenvcha.2015.05.003. URL http://www.sciencedirect.com/science/article/pii/S0959378015000758

Recommended Readings:

- Aaron M. McCright and Riley E. Dunlap. Cool dudes: The denial of climate change among conservative white males in the united states. *Global Environmental Change*, 21(4):1163 – 1172, 2011. ISSN 0959-3780. doi: https://doi.org/10.1016/j.gloenvcha.2011.06.003. URL http://www.sciencedirect.com/science/article/pii/S095937801100104X
- Salil D. Benegal. The spillover of race and racial attitudes into public opinion about climate change. *Environmental Politics*, 27(4):733–756, 2018. doi: 10.1080/09644016.2018.1457287. URL https://doi.org/10.1080/09644016.2018.1457287
- Stefan Drews and Jeroen C.J.M. van den Bergh. What explains public support for climate policies? a review of empirical and experimental studies. *Climate Policy*, 16(7):855–876, 2016. doi: 10.1080/14693062.2015.1058240. URL https://doi.org/10.1080/14693062.2015.1058240
- Aaron M. McCright, Riley E. Dunlap, and Sandra T. Marquart-Pyatt. Political ideology and views about climate change in the european union. *Environmental Politics*, 25(2):338–358, 2016. doi: 10.1080/09644016.2015.1090371. URL https://doi.org/10.1080/09644016.2015.1090371
- Matthew J. Hornsey, Emily A. Harris, Paul G. Bain, and Kelly S. Fielding. Meta-analyses of the determinants and outcomes of belief in climate change. *Nature Climate Change*, 6:622 EP –, 02 2016. URL http://dx.doi.org/10.1038/nclimate2943
- E. Maibach, C. Roser-Renouf, and A. Leiserowitz. Global warming's six americas: An audience segmentation analysis. *Yale Project on Climate Change*, 2009
- Liam F McGrath and Thomas Bernauer. How strong is public support for unilateral climate policy and what drives it? *Wiley Interdisciplinary Reviews: Climate Change*, 8(6), 2017

5. Do Democracies Perform Better? (26th October - 30th October)

Essential Readings:

- Michèle B. Bättig and Thomas Bernauer. National institutions and global public goods: Are democracies more cooperative in climate change policy? *International Organization*, 63:281–308, 4 2009. ISSN 1531-5088. doi: 10.1017/S0020818309090092. URL http://journals.cambridge.org/article_S0020818309090092
- Marina Povitkina. The limits of democracy in tackling climate change. *Environmental Politics*, 27(3):411–432, 2018

Recommended Readings:

- Rodger A Payne. Freedom and the environment. *Journal of Democracy*, 6(3):41–55, 1995. URL doi:10.1353/jod.1995.0053
- Per G. Fredriksson and Eric Neumayer. Democracy and climate change policies: Is history important? *Ecological Economics*, 95:11 – 19, 2013. ISSN 0921-8009. doi: https://doi.org/10.1016/j.ecolecon.2013.08.002. URL http://www.sciencedirect.com/science/article/pii/S0921800913002590
- Patrick Bayer and Johannes Urpelainen. It is all about political incentives: Democracy and the renewable feed-in tariff. *The Journal of Politics*, 78(2):603–619, 2016. doi: 10.1086/684791. URL https://doi.org/10.1086/684791
- Tørstad, V. , Saelen, H. , and Bøyum, L.S.B. (2020) The domestic politics of international climate commitments: which factors explain cross-country variation in NDC ambition? *Environmental Research Letters*. doi:10.1088/1748-9326/ab63e0
- Peter Burnell. Democracy, democratization and climate change: complex relationships. *Democratization*, 19(5):813–842, 2012. doi: 10.1080/13510347.2012.709684. URL https://doi.org/10.1080/13510347.2012.709684
- Bruce Gilley. Authoritarian environmentalism and china's response to climate change. *Environmental Politics*, 21(2):287–307, 2012. doi: 10.1080/09644016.2012.651904. URL https://doi.org/10.1080/09644016.2012.651904

Reading Week (2nd November - 6th November)

6. The (Historically) Smaller Emitters: Non-Annex countries (9th November - 13th November)

Essential Readings:

- Paul F. Steinberg. Understanding policy change in developing countries: The spheres of influence framework. *Global Environmental Politics*, 3(1):11–32, 2003. doi: 10.1162/152638003763336365. URL https://doi.org/10.1162/152638003763336365
- Leah C. Stokes, Amanda Giang, and Noelle E. Selin. Splitting the south: China and india's divergence in international environmental negotiations. *Global Environmental Politics*, 16(4):12–31, 2016. URL https://doi.org/10.1162/GLEP_a_00378
- Sjur Kasa, Anne T. Gullberg, and Gørild Heggelund. The group of 77 in the international climate negotiations: recent developments and future directions. *International Environmental Agreements: Politics, Law and Economics*, 8(2):113–127, 2008. doi: 10.1007/s10784-007-9060-4. URL https://doi.org/10.1007/s10784-007-9060-4

Recommended Readings:

- Andrew Hurrell and Sandeep Sengupta. Emerging powers, north–south relations and global climate politics. *International Affairs*, 88(3):463–484, 2012. doi: 10.1111/j.1468-2346.2012.01084.x. URL https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1468-2346.2012.01084.x
- Roldan Muradian and Joan Martinez-Alier. Trade and the environment: from a 'southern' perspective. *Ecological Economics*, 36(2):281 – 297, 2001. ISSN 0921-8009. doi: https://doi.org/10.1016/S0921-8009(00)00229-9. URL http://www.sciencedirect.com/science/article/pii/S0921800900002299
- Soumyananda Dinda. Environmental kuznets curve hypothesis: A survey. *Ecological Economics*, 49(4):431 – 455, 2004. ISSN 0921-8009. doi: https://doi.org/10.1016/j.ecolecon.2004.02.011. URL http://www.sciencedirect.com/science/article/pii/S0921800904001570
- Cullen S. Hendrix. The streetlight effect in climate change research on africa. *Global Environmental Change*, 43:137 – 147, 2017. ISSN 0959-3780. doi: https://doi.org/10.1016/j.gloenvcha.2017.01.009. URL http://www.sciencedirect.com/science/article/pii/S0959378016302412
- Jon Barnett. The worst of friends: Opec and g-77 in the climate regime. *Global Environmental Politics*, 8(4):1–8, 2008. doi: 10.1162/glep.2008.8.4.1. URL https://doi.org/10.1162/glep.2008.8.4.1
- Adelle Thomas, April Baptiste, Rosanne Martyr-Koller, Patrick Pringle, and Kevon Rhiney. Climate change and small island developing states. *Annual Review of Environment and Resources*, 45(1):null, 2020. doi: 10.1146/annurev-environ-012320-083355. URL https://doi.org/10.1146/annurev-environ-012320-083355

7. The (Historically) Largest Emitters: Annex-I and -II countries (16th November - 20th November)

Essential Readings:

- R. Daniel Kelemen and David Vogel. Trading places: The role of the united states and the european union in international environmental politics. *Comparative Political Studies*, 43(4):427–456, 2010. doi: 10.1177/0010414009355265. URL https://doi.org/10.1177/0010414009355265
- Cameron Hepburn and Alexander Teytelboym. Climate change policy after Brexit. *Oxford Review of Economic Policy*, 33:S144–S154, 03 2017. ISSN 0266-903X. doi: 10.1093/oxrep/grx004. URL https://doi.org/10.1093/oxrep/grx004
- Charlotte Burns, Viviane Gravey, Andrew Jordan, and Anthony Zito. De-europeanising or disengaging? eu environmental policy and brexit. *Environmental Politics*, 28(2):271–292, 2019. doi: 10.1080/09644016.2019.1549774. URL https://doi.org/10.1080/09644016.2019.1549774

Recommended Readings:

- David Vogel. The hare and the tortoise revisited: The new politics of consumer and environmental regulation in europe. *British Journal of Political Science*, 33(4):557–580, 2003. doi: 10.1017/S0007123403000255
- Karin Bäckstrand and Ole Elgström. The eu's role in climate change negotiations: from leader to 'leadiator'. *Journal of European Public Policy*, 20(10):1369–1386, 2013. doi: 10.1080/13501763.2013.781781. URL https://doi.org/10.1080/13501763.2013.781781
- Lena Maria Schaffer and Thomas Bernauer. Explaining government choices for promoting renewable energy. *Energy Policy*, 68:15 – 27, 2014. ISSN 0301-4215. doi: https://doi.org/10.1016/j.enpol.2013.12.064. URL http://www.sciencedirect.com/science/article/pii/S0301421513013281
- Paul Tobin. Leaders and laggards: Climate policy ambition in developed states. *Global Environmental Politics*, 17(4):28–47, 2017. URL https://doi.org/10.1162/GLEP_a_00433
- Charlotte Burns, Peter Eckersley, and Paul Tobin. Eu environmental policy in times of crisis. *Journal of European Public Policy*, 27(1):1–19, 2020. doi: 10.1080/13501763.2018.1561741. URL https://doi.org/10.1080/13501763.2018.1561741
- Alexandra-Maria Bocse. The uk's decision to leave the european union (brexit) and its impact on the eu as a climate change actor. *Climate Policy*, 20(2):265–274, 2020. doi: 10.1080/14693062.2019.1701402. URL https://doi.org/10.1080/14693062.2019.1701402

8. Non-Governmental Organizations and Civil Society (23rd November - 27th November)

Essential Readings:

- Michele M. Betsill and Elisabeth Corell. Ngo influence in international environmental negotiations: A framework for analysis. *Global Environmental Politics*, 1(4):65–85, 2001. doi: 10.1162/152638001317146372. URL https://doi.org/10.1162/152638001317146372
- Jonathan W. Kuyper, Björn-Ola Linnér, and Heike Schroeder. Non-state actors in hybrid global climate governance: justice, legitimacy, and effectiveness in a post-paris era. *WIREs Climate Change*, 9(1):e497, 2018. doi: 10.1002/wcc.497. URL https://onlinelibrary.wiley.com/doi/abs/10.1002/wcc.497

Recommended Readings:

- Kathryn Hochstetler. After the boomerang: Environmental movements and politics in the la plata river basin. *Global Environmental Politics*, 2(4):35–57, 2002. doi: 10.1162/152638002320980614. URL https://doi.org/10.1162/152638002320980614
- Karin Bäckstrand. Civic science for sustainability: Reframing the role of experts, policy-makers and citizens in environmental governance. *Global Environmental Politics*, 3(4):24–41, 2003. doi: 10.1162/152638003322757916. URL https://doi.org/10.1162/152638003322757916
- David Schlosberg and David Carruthers. Indigenous struggles, environmental justice, and community capabilities. *Global Environmental Politics*, 10(4):12–35, 2010. URL https://doi.org/10.1162/GLEP_a_00029
- Julie Koppel Maldonado, Christine Shearer, Robin Bronen, Kristina Peterson, and Heather Lazrus. The impact of climate change on tribal communities in the us: displacement, relocation, and human rights. *Climatic Change*, 120(3):601–614, 2013. doi: 10.1007/s10584-013-0746-z. URL https://doi.org/10.1007/s10584-013-0746-z
- Irja Vormedal. The influence of business and industry ngos in the negotiation of the kyoto mechanisms: the case of carbon capture and storage in the cdm. *Global Environmental Politics*, 8(4):36–65, 2008. doi: 10.1162/glep.2008.8.4.36. URL https://doi.org/10.1162/glep.2008.8.4.36
- Tobias Böhmelt, Vally Koubi, and Thomas Bernauer. Civil society participation in global governance: Insights from climate politics. *European Journal of Political Research*, 53(1):18–36, 2014. doi: 10.1111/1475-6765.12016. URL https://ejpr.onlinelibrary.wiley.com/doi/abs/10.1111/1475-6765.12016
- Cristina M. Balboa. How successful transnational non-governmental organizations set themselves up for failure on the ground. *World Development*, 54:273 – 287, 2014. ISSN 0305-750X. doi: https://doi.org/10.1016/j.worlddev.2013.09.001. URL http://www.sciencedirect.com/science/article/pii/S0305750X13002027
- Jen Iris Allan and Jennifer Hadden. Exploring the framing power of ngos in global climate politics. *Environmental Politics*, 26(4):600–620, 2017. doi: 10.1080/09644016.2017.1319017. URL https://doi.org/10.1080/09644016.2017.1319017

9. Environmental Justice (30th November - 4th December)

Essential Readings:

- Paul Mohai, David Pellow, and J. Timmons Roberts. Environmental justice. *Annual Review of Environment and Resources*, 34(1):405–430, 2009. doi: 10.1146/annurev-environ-082508-0943 URL https://doi.org/10.1146/annurev-environ-082508-094348
- Christopher J. Schell, Karen Dyson, Tracy L. Fuentes, Simone Des Roches, Nyeema C. Harris, Danica Sterud Miller, Cleo A. Woelfle-Erskine, and Max R. Lambert. The ecological and evolutionary consequences of systemic racism in urban environments. *Science*, 2020. ISSN 0036-8075. doi: 10.1126/science.aay4497. URL https://science.sciencemag.org/content/early/2020/08/12/science.aay4497
- Sanya Carley and David M. Konisky. The justice and equity implications of the clean energy transition. *Nature Energy*, 2020. doi: 10.1038/s41560-020-0641-6. URL https://doi.org/10.1038/s41560-020-0641-6

Recommended Readings:

- Thomas Dietz, Ran Duan, Jakob Nalley, and Anthony Van Witsen. Social support for water quality: The influence of values and symbolic racism. *Human Ecology Review*, 24(1):51–70, 2018. ISSN 10744827, 22040919. URL https://www.jstor.org/stable/26506661
- Adam R. Pearson, Jonathon P. Schuldt, Rainer Romero-Canyas, Matthew T. Ballew, and Dylan Larson-Konar. Diverse segments of the us public underestimate the environmental concerns of minority and low-income americans. *Proceedings of the National Academy of Sciences*, 115(49):12429–12434, 2018. ISSN 0027-8424. doi: 10.1073/pnas.1804698115. URL https://www.pnas.org/content/115/49/12429
- Kimin Eom, Heejung S. Kim, and David K. Sherman. Social class, control, and action: Socioeconomic status differences in antecedents of support for pro-environmental action. *Journal of Experimental Social Psychology*, 77:60 – 75, 2018. ISSN 0022-1031. doi: https://doi.org/10.1016/j.jesp.2018.03.009. URL http://www.sciencedirect.com/science/article/pii/S0022103117308570
- Lina Álvarez and Brendan Coolsaet. Decolonizing environmental justice studies: A latin american perspective. *Capitalism Nature Socialism*, 31(2):50–69, 2020. doi: 10.1080/10455752.2018.1558272. URL https://doi.org/10.1080/10455752.2018.1558272
- Dorceta E. Taylor. *The state of diversity in environmental organizations*. Univ of Michigan, Ann Arbor, MI, 2014. URL https://orgs.law.harvard.edu/els/files/2014/02/FullReport_Green2.0_FINALReducedSize.pdf

10. Climate Change and Violence (7th December - 11th December)

Essential Readings:

- Vally Koubi. Climate change and conflict. *Annual Review of Political Science*, 22(1): 343–360, 2019. doi: 10.1146/annurev-polisci-050317-070830. URL https://doi.org/10.1146/annurev-polisci-050317-070830
- Clionadh Raleigh, Andrew Linke, and John O'Loughlin. Extreme temperatures and violence. *Nature Climate Change*, 4(2):76–77, 2014. doi: 10.1038/nclimate2101. URL https://doi.org/10.1038/nclimate2101
- Courtland Adams, Tobias Ide, Jon Barnett, and Adrien Detges. Sampling bias in climate–conflict research. *Nature Climate Change*, 8(3):200–203, 2018. doi: 10.1038/s41558-018-0068-2. URL https://doi.org/10.1038/s41558-018-0068-2

Recommended Readings:

- Jon Barnett. The prize of peace (is eternal vigilance): a cautionary editorial essay on climate geopolitics. *Climatic Change*, 96(1):1–6, 2009. doi: 10.1007/s10584-009-9591-5. URL https://doi.org/10.1007/s10584-009-9591-5
- Marshall B. Burke, Edward Miguel, Shanker Satyanath, John A. Dykema, and David B. Lobell. Warming increases the risk of civil war in africa. *Proceedings of the National Academy of Sciences*, 106(49):20670–20674, 2009. ISSN 0027-8424. doi: 10.1073/pnas.0907998106. URL https://www.pnas.org/content/106/49/20670
- Alexandra E. Sutton, Justin Dohn, Kara Loyd, Andrew Tredennick, Gabriela Bucini, Alexandro Solórzano, Lara Prihodko, and Niall P. Hanan. Does warming increase the risk of civil war in africa? *Proceedings of the National Academy of Sciences*, 107 (25):E102–E102, 2010. ISSN 0027-8424. doi: 10.1073/pnas.1005278107. URL https://www.pnas.org/content/107/25/E102
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- Solomon M. Hsiang, Marshall Burke, and Edward Miguel. Quantifying the influence of climate on human conflict. *Science*, 341(6151), 2013. ISSN 0036-8075. doi: 10.1126/science.1235367. URL https://science.sciencemag.org/content/341/6151/1235367
- Cullen S Hendrix and Stephan Haggard. Global food prices, regime type, and urban unrest in the developing world. *Journal of Peace Research*, 52(2):143–157, 2015. doi: 10.1177/0022343314561599. URL https://doi.org/10.1177/0022343314561599
- Barry S. Levy, Victor W. Sidel, and Jonathan A. Patz. Climate change and collective violence. *Annual Review of Public Health*, 38(1):241–257, 2017. doi: 10.1146/annurev-publhealth-031816-044232. URL https://doi.org/10.1146/annurev-publhealth-031816-04 PMID: 28125385