

CLIMATE CHANGE LEADERSHIP – POWER POLITICS CULTURE

Course Literature 2018

Course books
“Power in a warming world - The New Global Politics of Climate Change and the remaking of environmental inequality” (2015) by David Cipler, J. Timmons Roberts and Mizan R. Khan.
“Leadership: A Very Short Introduction” (2010) by Keith Grint, Oxford.
“The Common Cause Handbook” (2011) by Public Interest Research Centre.
“How to Become a Really Good Pain in the Ass - A Critical Thinker’s Guide to Asking the Right Questions” (2011) by Christopher DiCarlo, Prometheus Books.
“Overdevelopment, Overpopulation, Overshoot” (2015) by Tom Butler (free PDF online: https://populationspeakout.org/the-book/view-book/).

Course Books are books that we will be using throughout the term. It is recommended that you get these in advance and refer to them during our three modules. These books were chosen for their variety of genres. They can be used as academic resources, to inspire critical thinking and creativity, and to be applied practically during project weeks.

Module I: Decoding Climate Change

NUMBERS AND FACTS ON CLIMATE CHANGE

Required:

- The Seven Dimensions of Climate Change - Rowson and Corner, 2015. <https://www.thersa.org/discover/publications-and-articles/reports/the-seven-dimensions-of-climate-change-introducing-a-new-way-to-think-talk-and-act>
- Planetary boundaries: Guiding human development on a changing planet - Steffen et al, 2015. <http://science.sciencemag.org/content/347/6223/1259855>
- Duality in Climate Science. Nature Geoscience 8(0) (2015) Anderson, K. pp. 898–900. <https://www.nature.com/articles/ngeo2559>
- Climate Change 2014: Policy Makers Summary, IPCC Pages 4 - 21. Online PDF: http://ipcc.ch/pdf/assessment-report/ar5/wg2/ar5_wgII_spm_en.pdf

Suggested:

- Rockström, J., et al., (2009) Planetary Boundaries: Exploring the Safe Operating Space for Humanity. Ecology and Society 14(2): 32. [online] Available at: <http://www.ecologyandsociety.org/vol14/iss2/art32/>

CLIMATE CHANGE HISTORY

Required:

- White, L. (1967). The historical roots of our ecological crisis. Science 155(3767) pp. 1203-1207. <http://science.sciencemag.org/content/sci/155/3767/1203.full.pdf>
- Jacobus A. Du Pisani (2006). Sustainable development – historical roots of the concept. Environmental Sciences 3(2) pp. 83-96
<http://www.tandfonline.com/doi/pdf/10.1080/15693430600688831>

Suggested:

- The Anthropocene: From Global Change to Planetary Stewardship - Steffen et al, 2011
- Global environmental change II: From adaptation to deliberate transformation - O'Brien, 2011

THEORIES OF CLIMATE CHANGE LEADERSHIP

Required:

- Time for Outrage! - Stéphane Hessel
<https://iatrogenico.files.wordpress.com/2011/09/indignez-vous-time-for-outrage-stc-3a9phane-hessel-english.pdf>
- Reflexive Leadership, Alvesson et al., 2017, Pp. 1 - 26. (Available in CEMUS Library)
- **Video:** Margaret Heffernan: Why it's time to forget the pecking order at work (https://www.ted.com/talks/margaret_heffernan_why_it_s_time_to_forget_the_pecking_order_at_work?language=en)

Suggested:

- Wicked Problems and Clumsy Solutions: the Role of Leadership - Grint, 2008
<http://leadershipforchange.org.uk/wp-content/uploads/Keith-Grint-Wicked-Problems-handout.pdf>
- Education for Sustainable Development: A Systems Thinking Approach - Soderquist and Overkker, 2010
- Introduction to Systems Thinking - Kim, 1999
- Reflexive Leadership, Alvesson et al., 2017

Further Reading for Module 1:

- Henson, R. (2011) The rough guide to climate change. Rough Guides Editions, London.
- Sachs, J.D. (2015) The age of sustainable development. Columbia University Press, New York.

- UNFCCC (2007) Climate change: impacts, vulnerability and adaptation in developing countries [online] Available at:
<http://www.preventionweb.net/publications/view/2759>
- Hansen, J. (2011) Storms of My Grandchildren: the truth about the coming climate catastrophe and our last chance to save humanity. New York: Bloomsbury.
- “Dire Predictions: Understanding Climate Change. The visual guide to the findings of the IPCC” (2015) by Mann, M.E. & Kump, L.R. DK Publishing, New York.

Module II: Socio-Economic Perspectives

PSYCHOLOGY OF CLIMATE CHANGE LEADERSHIP

Required:

- Kersty Hobson, K. & Niemeye, S. (2012) "What sceptics believe": The effects of information and deliberation on climate change scepticism. Public Understanding of Science. 22(4) pp. 396–412
<http://journals.sagepub.com/doi/abs/10.1177/0963662511430459>
- Regulating worry, promoting hope. Ojala, M, (2012)
<https://files.eric.ed.gov/fulltext/EJ997146.pdf>
- Uhl, Isabella, 2017, Undersirable Effects of Threatening Climate Change Information,
https://www.researchgate.net/publication/320718117_Undesirable_effects_of_threatening_climate_change_information_A_cross-cultural_study

Suggested:

- “What we think about when we try not to think about Global Warming – Towards a new psychology for climate action” (2015) by Stoknes, P. E. Chelsea Green Publishing, White River Junction.

ENERGY AND TECHNOLOGY

Required:

- A global programme to tackle energy access and climate change - Banuri and Hällström, 2012
http://whatnext.org/resources/Publications/Volume-III/Single-articles/wnv3_banuri_hallstrom_144.pdf
- Opportunities and challenges for a sustainable energy future - Chu and Majumdar, 2012 https://www.nature.com/articles/nature11475?WT.ec_id=NATURE-20120816
- The Emissions Gap Report, UNEP, 2017 (Chapter on CO2 removal, Pp.58-68)

- Video: Can we remove CO2 from the air?
https://www.ted.com/talks/tim_kruger_can_we_stop_climate_change_by_removing_co2_from_the_air

Suggested:

- Emissions reduction: Scrutinize CO2 removal methods, Williamson, P., 2016
<https://www.nature.com/news/emissions-reduction-scrutinize-co2-removal-methods-1.19318>

ACADEMIA AND ENVIRONMENTAL THEORY

Required:

- Duality in climate science - Kevin Anderson, 2015
- Wals, A.E.J. (2011) Learning our way out of unsustainability. *Journal of Education for Sustainable Development*, 5(2), 177-186.
- Sol, J., et al, (2017) Reframing the future: the role of reflexivity in governance networks in sustainability transitions.
<http://www.tandfonline.com/doi/full/10.1080/13504622.2017.1402171>
- David Kolb's Experiential Learning Theory:
<https://www.youtube.com/watch?v=v1HJQZMh9Q4>

Suggested:

- Wals, AEJ, (2007) Social Learning towards a Sustainable World, Available here:
<http://www.wageningenacademic.com/doi/pdf/10.3920/978-90-8686-594-9>

POLITICS AND DEMOCRACY

Required:

- Video: An Independent Diplomat
https://www.ted.com/talks/carne_ross_an_independent_diplomat
- Chapter on Global Justice and Neoliberal Environmental Governance, by Okereke, C., Available online:
[http://ebook.umaha.ac.id/E-BOOK%20ON%20LAW,%20CONSTITUTION%20&%20LEGAL%20INSTRUMENT/ADMINISTRATIVE%20LAW/GLOBAL%20JUSTICE%20_%20NEOLIBERAL%20ENVIRONMENTAL%20GOVERNANCE%20\[Chukwu%20Okereke\].pdf](http://ebook.umaha.ac.id/E-BOOK%20ON%20LAW,%20CONSTITUTION%20&%20LEGAL%20INSTRUMENT/ADMINISTRATIVE%20LAW/GLOBAL%20JUSTICE%20_%20NEOLIBERAL%20ENVIRONMENTAL%20GOVERNANCE%20[Chukwu%20Okereke].pdf) Pp. 168 - 186
- Global Environmental Governance: Fixing a Troubled System, Adil Najam, Video:
<https://www.youtube.com/watch?v=vDvqJ9yJnLQ>

BUSINESS AND CSR

Required:

- Porter, M. & Van der Linde, C., 1995. Green and Competitive: Ending the Stalemate. *Harvard Business Review*, September-October, 120-134.
- Porter, M. & Kramer, M. 2011. The big idea. Creating shared value. *Harvard Business Review*, January-February, 61-77.
- Porter, M. (2008 This is a re-print of an article from mid 80s) The Five Competitive Forces that Shape Strategy.

SOCIAL MEDIA AND THE NEW AGE OF INFORMATION

Required:

- Why are some people skeptical about climate change? Some insights from Blog Comments, 2015, Paul Matthews (*in Environmental Communication Journal*)
- Do conservative media provide a forum for Skeptical voices? The Link between ideology and the coverage of climate change in british, swiss and german newspapers, 2017, Schmid-Petri, Hanna, (*in Environmental Communication*)
- How to seek truth in the era of fake news, Christiane Amanpour, 2017. Video: https://www.ted.com/talks/christiane_amanpour_how_to_seek_truth_in_the_era_of_fake_news#t-457492

Suggested:

- The science behind a climate headline, Rachel Pike, Video: https://www.ted.com/talks/rachel_pike_the_science_behind_a_climate_headline/transcript#t-60990

SOCIETY AND CULTURE

Required:

- Why Climate Change is a threat to Human Rights, Mary Robinson, Video: https://www.ted.com/talks/mary_robinson_why_climate_change_is_a_threat_to_human_rights?referrer=playlist-why_climate_change_is_a_human
- Briefing Note: Indigenous Peoples' Rights and the 2030 Agenda (2017) <https://www.un.org/development/desa/indigenouspeoples/wp-content/uploads/sites/19/2016/10/Briefing-Paper-on-Indigenous-Peoples-Rights-and-the-2030-Agenda.pdf>

Module III: Engaging with CCL

LAUNCH WEEK

Required:

- “The Common Cause Handbook” (2011) by Public Interest Research Centre
http://www.commoncause.org.au/uploads/1/2/9/4/12943361/common_cause_handbook.pdf

Suggested:

- “Handbook for small projects” (2010) by Eriksson, Mikael; Lilliesköld, Joakim Liber.