Litteraturlista för MESS62, Klimat och samhälle gällande från och med höstterminen 2023

Litteraturlistan är fastställd av Styrelsen för Lunds universitets centrum för studier av uthållig samhällsutveckling 2023-06-22 att gälla från och med 2023-08-28

Se bilaga.

2023-06-22 Dnr STYR 2021/1402

LUND UNIVERSITY

Lund University Centre for
Sustainability Studies

Klimat och samhälle, 15 högskolepoäng

Climate Change and Society, 15 credits

MESS62 litteraturlista fastställd av LUCSUS styrelse den 13 september 2023 (per capsulam 22 juni 2023).

Core literature (about 250 pages total)

Leichenko, R. and O'Brian, K. (2019). *Climate and Society: Transforming the Future*. Wiley, **248 pages.**

Selected articles and book sections (about 950 pages)

*Abbott, K. (2018). Orchestration: Strategic Ordering in Polycentric Governance. In: A. Jordan et al. (eds.). *Governing Climate Change: Polycentricity in Action?* Cambridge: Cambridge University Press; Chapter 11, 188-209. Available online: https://doi.org/10.1017/9781108284646. **21 pages.**

Abrahams, Y. (2018). How must I explain to the dolphins?: An intersectional approach to theorizing the epistemology of climate uncertainty. *Environmental Ethics*, 40(4), 389–404. **15 pages.**

*Aklin, M., & Mildenberger, M. (2020). Prisoners of the wrong dilemma: Why distributive conflict, not collective action, characterizes the politics of climate change. *Global Environmental Politics*, 20(4): 4–27. **23 pages.**

Ananny, M., & Crawford, K. (2018). Seeing without knowing: Limitations of the transparency ideal and its application to algorithmic accountability. *New Media & Society*, 20(3), 973–989. **16 pages.**

Anderson, K., & Peters, G. (2016). The trouble with negative emissions. *Science*, 354(6309), 182–183. **2 pages.**

Asafu-Adjaye, J. et al. (2015). An Ecomodernist Manifesto. www.ecomodernism.org. **32 pages.**

Avila, S. (2018). "Environmental Justice and the Expanding Geography of Wind Power Conflicts." *Sustainability Science* 13(3), 599–616. **17 pages.**

Banerjee, N. et al. (2015). Exxon: The Road Not Taken. Inside Climate News. https://insideclimatenews.org/book/exxon-the-road-not-taken/. **92 pages.**

Beck, S. & Mahony, M. (2018). The politics of anticipation: The IPCC and the negative emissions technologies experience. *Global Sustainability*, 1, e8. **8 pages.**

*Bernstein, S. & Hoffmann, M. (2019). Climate politics, metaphors and the fractal carbon trap. *Nature Climate Change*, 9: 919–925. **6 pages.**

Beuttler, C., Charles, L., & Wurzbacher, J. (2019). The Role of Direct Air Capture in Mitigation of Anthropogenic Greenhouse Gas Emissions. *Frontiers in Climate*, 1(November), 1–7. **7 pages.**

Birol, F. (2020). 'Put clean energy at the heart of stimulus plans to counter the coronavirus crisis'. *International Energy Agency (IEA).* https://www.iea.org/commentaries/put-clean-energy-at-the-heart-of-stimulus-plans-to-counter-the-coronavirus-crisis. **3 pages.**

Bracking, S. & Leffel, B. (2021) Climate finance governance: Fit for purpose? *WIREs Climate Change,* 12:4, e709. **18 pages.**

Brink, E. & Wamsler, C. (2018). Collaborative Governance for Climate Change Adaptation: Mapping citizen–municipality interactions. *Environmental Policy and Governance* 82–97. **15 pages**.

Broberg, M. & Martinez Romera, B. (2020) Loss and damage after Paris: more bark than bite?, *Climate Policy*, 20:6, 661-668, **7 pages.**

Bulkeley, H. & Newell, P. (2015). *Governing Climate Change,* Routledge. Available online: https://www.taylorfrancis.com/books/mono/10.4324/9781315758237/governing-climate-change-harriet-bulkeley-peter-newell. **180 pages**.

Bulkeley, H. et al. (2018). Transnational Governance: Charting New Directions Post-Paris. In: A. Jordan et al. (eds.). *Governing Climate Change: Polycentricity in Action?* Cambridge: Cambridge University Press, Chapter 4, 63-80. Available online: https://doi.org/10.1017/9781108284646. **17 pages**.

*Campiglio, E. (2016) Beyond carbon pricing: The role of banking and monetary policy in financing the transition to a low-carbon economy. *Ecological Economics,* 121, 220-230. **11 pages**

Carbon Disclosure Project. (2017). *The Carbon Majors Database: CDP Carbon Majors Report 2017*. https://b8f65cb373b1b7b15feb-c70d8ead6ced550b4d987d7c03fcdd1d.ssl.cf3.rackcdn.com/cms/reports/documents/000/002/327/original/Carbon-Majors-Report-2017.pdf?1499691240. **16 pages.**

Carrington, D. & Mommers, J. (2017): 'Shell knew': oil giant's 1991 film warned of climate change danger. *The Guardian*. https://www.theguardian.com/environment/2017/feb/28/shell-knew-oil-giants-1991-film-warned-climate-change-danger. **4 pages.**

Chatterton, P. Featherstone, D. & Routledge, P. (2013). Articulating Climate Justice in Copenhagen: Antagonism, the Commons, and Solidarity. *Antipode*. 602-620. **12 pages.**

*Cornell, S. & Gupta, A. (2020). Is climate change the most important challenge of our times? In: Hulme, M. (ed.), *Contemporary Climate Change Debates: A Student Primer*, Abingdon, Earthscan/Routledge, Chapter 1, 6-20. Available online: https://doi-org.ludwig.lub.lu.se/10.4324/978042944625. **15 pages.**

Davis, S. & Caldeira, K. (2010.) Consumption-based accounting of CO2 emissions. *Proceedings of the National Academy of Sciences Mar*, 107(12) 5687-5692. **5 pages.**

*Death, C. (2022) Climate Fiction, Climate Theory: Decolonising Imaginations of Global Futures. *Millennium,* 50:2, 430-45. **26 pages.**

den Elzen, M.G.J. et al. (2013). Countries' contributions to climate change: effect of accounting for all greenhouse gases, recent trends, basic needs and technological progress. *Climatic Change* 121, 397–412 **15 pages.**

Djoudi, H. et al. (2016). Beyond dichotomies: Gender and intersecting inequalities in climate change studies. *Ambio*, 45(3), 248-262. **15 pages.**

Ellenbeck, S., & Lilliestam, J. (2019). How modelers construct energy costs: Discursive elements in Energy System and Integrated Assessment Models. *Energy Research and Social Science*, 47(June 2018), 69–77. **8 pages.**

Eriksen, S.H., Nightingale, A.J., & Eakin, H. (2015). Reframing adaptation: The political nature of climate change adaptation. *Global Environmental Change* 35, 523–533. **10 pages.**

Faghmous, J. H. & Kumar, V. (2014). A Big Data Guide to Understanding Climate Change: The Case for Theory-Guided Data Science. *Big Data*, 2(3), 154–167. **13 pages.**

*Falkner, R. (2016). The Paris Agreement and the new logic of international climate politics. *International Affairs*, 92(5), 1107–1125. **18 pages.**

Field, C.B. et al. (2014). *Summary for policymakers. Climate change 2014: impacts, adaptation, and vulnerability. Part A: global and sectoral aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge University Press. **32 pages.**

Fournier, V. (2008.) Escaping from the economy: the politics of degrowth, *International Journal of Sociology and Social Policy,* Vol. 28: 11/12 pp. 528 – 545. **17 pages.**

Gabrielsson, S., Brogaard, S., & Jerneck, A. (2013). Living without buffers—illustrating climate vulnerability in the Lake Victoria basin. *Sustainability Science*, 8(2), 143-157. **15 pages.**

Gabrielsson, S. & Ramasar, V. (2013). Widows: Agents of change in a climate of water uncertainty. *Journal of Cleaner Production*, 60, 34-42. **9 pages.**

Gabrielsson, S. (2015) Gender Matters: Adaptive Capacities to climate vulnerability and change in the Lake Victoria Basin. In: Inderberg, T. et al. (eds.). *Climate Change Adaptation and Development: Transforming Paradigms and Practices*. 99-113. Routledge: NY. **14 pages.**

Gillespie, T. (2017). Algorithmically recognizable: Santorum's Google problem, and Google's Santorum problem, *Information, Communication & Society*, 20(1), 63-80. **17 pages.**

Gough, C. et al. (2018). Challenges to the use of BECCS as a keystone technology in pursuit of 1.50C. *Global Sustainability*, 1, e5. **9 pages.**

*Guðmundsdóttir, H. et al. (2018). "Modernist Dreams and Green Sagas: The Neoliberal Politics of Iceland's Renewable Energy Economy." *Environment and Planning E: Nature and Space* 0(0): 251484861879682. **22 pages.**

Hamann, M. et al. (2020) Scenarios of Good Anthropocenes in southern Africa. *Futures*, 118, 102526. **16 pages**

Hall, S. (2015). Exxon Knew about Climate Change almost 40 years ago. *Scientific American*. https://www.scientificamerican.com/article/exxon-knew-about-climate-change-almost-40-years-ago/. **4 pages.**

Hickel, J. and Kallis, G. (2019). Is green growth possible? *New Political Economy*. **19 pages.**

Homer-Dixon, T. (2020). 'Coronavirus will change the world. It might also lead to a better future'. *The Globe and Mail*. https://www.theglobeandmail.com/opinion/article-the-coronavirus-is-a-collective-problem-that-requires-global/. **6 pages.**

Huber, M. (2019). Ecological Politics for the working class. Catalyst, 3(1). https://catalyst- journal.com/vol3/no1/ecological-politics-for-the-working-class. **17 pages.**

Intergovernmental Panel on Climate Change (IPCC). (2018). Summary for Policymakers. In: *Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development*. https://www.ipcc.ch/site/assets/uploads/sites/2/2019/05/SR15_SPM_version_report_LR.pdf. **24 pages.**

Jerneck, A., & Olsson, L. (2008). Adaptation and the poor: development, resilience and transition. *Climate Policy*, 8(2), 170-182. **12 pages.**

Kallis, G. (2011). In defence of degrowth. *Ecological Economics* 70, 873–880. **7 pages.**

*Knutti, R., Rogelj, J. (2015). The legacy of our CO2 emissions: a clash of scientific facts, politics and ethics. *Climatic Change* 133, 361–373. **12 pages.**

Kothari, A. (2014). Radical Ecological Democracy: A path forward for India and beyond. *Development*, 57(1), 36–45. **9 pages**

Kuchler, M., & Bridge, G. (2018). Down the black hole: Sustaining national socio-technical imaginaries of coal in Poland. *Energy Research and Social Science*, 41(July 2017), 136–147. **11 pages.**

Lenzi, D. (2018). The Ethics of Negative Emissions. *Global Sustainability*, 1, 1–8. **8 pages.**

Matthews, H. (2016). Quantifying historical carbon and climate debts among nations. *Nature Climate Change* 6, 60–64. **4 pages.**

McLaren, D. et al. (2019). Beyond "Net-Zero": A Case for Separate Targets for Emissions Reduction and Negative Emissions. *Frontiers in Climate*, 1(August), **5 pages.**

McNamara, K.E. &, Jackson, G. Loss and damage: A review of the literature and directions for future research. *WIREs Climate Change*. 2019; 10:e564. https://doi.org/10.1002/wcc.564. **16 pages.**

Moezzi, M., Janda, K. B., & Rotmann, S. (2017). Using stories, narratives, and storytelling in energy and climate change research. *Energy Research & Social Science*, 31, 1-10. **10 pages.**

Muiderman, K. et al. (2020). Four approaches to anticipatory climate governance: Different conceptions of the future and implications for the present. *Wiley Interdisciplinary Reviews: Climate Change*, 11(6), e673. **20 pages.**

Neville, K. (2020) Shadows of Divestment: The Complications of Diverting Fossil Fuel Finance. *Global Environmental Politics,* 20:2, 3-11. **9 pages.**

*Newell, P., & Simms, A. (2019). Towards a fossil fuel non-proliferation treaty. *Climate Policy*, 0(0), 1–12. doi:10.1080/14693062.2019.1636759. **12 pages.**

Nicholas, K. (2021). My Father Was Sick, But It's My Home That's Dying. Elle. https://www.elle.com/culture/career-politics/a36792101/california-fires-climate-essay/. **6 pages**.

Nicholas, K. (2021). People Lie About Why They Drive. *We Can Fix It*. https://wecanfixit.substack.com/p/people-lie-about-why-they-drive. **11 pages.**

*Oomen, J., Hoffman, J., & Hajer, M. A. (2022). Techniques of futuring: On how imagined futures become socially performative. *European Journal of Social Theory*, 25(2), 252-270. **18 pages.**

*Oreskes, N., & Conway, E. (2011). *Merchants of Doubt: How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming*. New York: Bloomsbury Press. **355 pages.**

Palmer, J., 2021. Forest fuels: Vegetal labour and the reinvention of working forests as carbon conveyors in the US South. In: *The Work That Plants Do: Life, Labour and the Future of Vegetal Economies* (pp. 163-180). Berlin: Transcript Verlag. **17 pages.**

Pielke, J.R. et al. (2007). Climate change 2007: Lifting the taboo on adaptation. *Nature* 445.7128 597. **1 page.**

*REN21. (2022). *Renewables 2022 - Global Status Report*. Paris. https://www.ren21.net/wp-content/uploads/2019/05/GSR2022_Full_Report.pdf. Executive summary and Chapter 1. **54 pages.**

Sanderman, J., Hengl, T., & Fiske, G. J. (2017). Soil carbon debt of 12,000 years of human land use. *Proceedings of the National Academy of Sciences*, 114(36), 9575-9580. **5 pages.**

Schneider, S.H. (1989). The changing climate. *Scientific American,* 261(3), 70-79. **9 pages.**

Supran, G., & Oreskes, N. (2017). Assessing ExxonMobil's climate change communications. *Environmental Research Letters*, 12. **19 pages.**

Tschakert, P., et al. (2017). Climate change and loss, as if people mattered: values, places, and experiences. *WIREs Climate Change* 8(5). **19 pages.**

Tsing, A. L. (2015) 'History', in: Tsing, A.L. (2015) The Mushroom at the End of the World. *Princeton University Press*. pp.166-176. **10 pages.**

Uren, S. (2020). 'Covid-19: a dress rehearsal for the climate emergency?' *Eco-Business*. https://www.eco-business.com/opinion/covid-19-a-dress-rehearsal-for-the-climate-emergency/. **5 pages**.

van Asselt, H. & Zelli, F. (2018). International Governance: Polycentric Governing by and beyond the UNFCCC. In: A. Jordan, D. et al. (eds.) *Governing Climate Change: Polycentricity in Action?* Cambridge: Cambridge University Press; Chapter 2, 29-46. Available online: https://doi.org/10.1017/9781108284646. **17 pages.**

Woodward, A. et al. (2014). Climate change and health: on the latest IPCC report. *The Lancet* 383.9924 1185-1189. **4 pages.**

York, Richard. (2012). Do Alternative Energy Sources Displace Fossil Fuels? *Nature Climate Change* 2(6): 441–43. **3 pages.**

+ around 250 pages worth of blogposts, newspaper articles, websites and opinion pieces that will form the basis of discussions and seminars.

+ around 150 pages to be selected depending on topics of group assignments and individual course paper.

+ around 200 pages on a climate fiction novel chosen by the students

Required reading

Approximately 1500 pages of required reading.

Author gender balance

Female authors in yellow. 46% of publications have female scholars as their first author, and 50% have female scholars as either first or second author (including supplementary readings). Reports (such as the IPCC) for which no gender division can be determined are excluded from this calculation. The gender division is justified because our course textbook, which the students will read in its entirety, is authored by two female scholars.