

Analytical Frameworks in Sustainability Studies, 15 hp: Literature list

Compulsory literature (tied to lectures and seminars)

Adger, W. N. 2000, Social and Ecological Resilience: Are They Related? *Progress in Human Geography*, 24 (3), pp. 347–364.

Bacchi, C. 2012, Why Study Problematizations? Making Politics Visible, *Open Journal of Political Science*, 2 (1), pp. 1-8

Bair, J. 2009, Global Commodity Chains: Genealogy and Review, in Bair, J. *Frontiers of Commodity Chains*, Stanford, Stanford University Press.

Blühdorn, I and Deflorian, M. 2019, The Collaborative Management of Sustained Unsustainability: On the Performance of Participatory Forms of Environmental Governance, *Sustainability* 11, 1189.

Brown, B. R. and Saunders, M. 2007 *Dealing with Statistics: What you Need to Know*, Berkshire, Open University Press. Chapter 1: Why you need to use statistics in your research. <https://www.scribd.com/document/254330540/Brown-and-Saunders-Chapter-1-Dealing-With-Statistics>

Chatterton, P., Featherstone, D. and Routledge, P. 2013, Articulating Climate Justice in Copenhagen: Antagonism, the Commons and Solidarity, *Antipode* 45(3), pp. 602-620.

Cox, R. 1981, Social Forces, States and World Orders: Beyond International Relations, *Millennium* 10 (2), pp. 126-155.

Creswell J. and Creswell D. 2018, *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*, Thousand Oaks, California, Sage Publications, Inc

Curran, M.A. 2015, *Life Cycle Assessment Student Handbook*, Scrivener Publishing. (E-book at Linköping University library). Chapter 1: Introduction to Life Cycle Assessment.

Daggett, C. 2018, Petro-Masculinity: Fossil Fuels and Authoritarian Desire, *Millennium: Journal of International Studies* 47 (1): 25–44.

Gaard, G. 2011, Ecofeminism Revisited: Rejecting Essentialism and Re-Placing Species in a Material Feminist Environmentalism, *Feminist Formations* 23 (2), pp. 26–53

Gonzales 2012, GIS in Environmental Assessment: A Review of Current Issues and Future Needs, *Journal of Environmental Assessment Policy and Management* 14(1), pp.1250007-1-24

de Haan, J. H. and Rotmans, J. 2011, Patterns in Transitions: Understanding Complex Chains of Change, *Technological Forecasting and Social Change* 78, pp. 90– 102.

Hale, T. 2017, “All Hands on Deck”: The Paris Agreement and Nonstate Climate Action, *Global Environmental Politics* 16:3, pp. 12-22.

- Hanson, S. 2010, Gender and Mobility: New Approaches for Informing Sustainability, *Gender, place and culture*, 17(1), pp. 5-23.
- Hölscher, K., Wittmayer, J. M. and Loorbach, D. 2018, Transition versus Transformation: What's the Difference? *Environmental Innovation and Societal Transitions* 27, pp.1– 3.
- Linnér, B.-O. and Wibeck, V. 2019, *Sustainability Transformations: Agents and Drivers across Societies*, Cambridge, UK: Cambridge University Press. Chapter 1.
- Liu et al. 2012, Heavy Metal Contamination in Arable Soils and Vegetables around a Sulfuric Acid Factory, China, *Clean – Soil, Air, Water* 40 (7), pp. 766–772
- Liu et al. 2016, Thallium Dispersal and Contamination in Surface Sediments from South China and its Source Identification, *Environmental Pollution* 213, pp. 878-887.
- Lohman, L. 2005, Marketing and Making Carbon Dumps: Commodification, Calculation and Counterfactuals in Climate Change Mitigation, *Science as Culture* 14 (3), pp. 203–235,
- Lovell, H 2010, Governing the Carbon Offset Market, *Wires Climate Change. Wiley's Interdisciplinary Reviews*, 1 (3), pp. 353–362.
- Lovett, G.M., Burns, D.A. and Driscoll, C.T. et al. 2007, Who Needs Environmental Monitoring? *Front. Ecol. Environ.* 5, pp. 253-260
- Reid, J. 2013, Interrogating the Neoliberal Biopolitics of the Sustainable Development-Resilience Nexus, *International Political Sociology* 7(4), pp. 353–367.
- Shu et al. 2017, Pollution Characteristics and Assessment of Sulfide Tailings from the Dabaoshan Mine, China, *International Biodeterioration & Biodegradation* 128, pp. 122-128.
- Taylor, M. 2014, *The Political Ecology of Climate Change Adaptation: Livelihoods, Agrarian Change and the Conflicts of Development*, London and New York, Routledge. Chapter 1: Climate Change and the Frontiers of Political Ecology.
- Troy, A and Wilson, M. 2006, Mapping Ecosystem Services: Practical Challenges and Opportunities in Linking GIS and Value Transfer, *Ecological Economics*, 60, pp. 435-449.
- Wheater, C. P. och Cook, P. A. 2000, Using Statistics to Understand the Environment. London: Routledge. Chapter 3: Using statistics to answer questions. Pp. 50-55.
- Whitley, E. and Ball, J. 2002, Statistics Review 3: Hypothesis Testing and P Values, *Critical Care* 6(3), pp. 222–225.
- Zhao et al., 2012, Human Health Risk from Soil Heavy Metal Contamination under Different Land Uses near Dabaoshan Mine, Southern China, *Science of the Total Environment* 417–418, pp. 45–54
- Öberg G. 2010, *Interdisciplinary Environmental Studies*, Wiley-Blackwell

Literature for workshop on LCA and commodity chain analysis

Choose at least two texts (you can read more if you want to) from the list and use when preparing for the workshop.

Bruel, A., Troussier, N., Guillaume, B. and Sirina, N. 2016, Considering Ecosystem Services in Life Cycle Assessment to Evaluate Environmental Externalities, *Procedia CIRP* 48, pp. 382–387.

Finkbeiner, M. 2014, Product environmental footprint - Breakthrough or breakdown for policy implementation of life cycle assessment? *Int. J. Life Cycle Assess.* 19, pp. 266–271.

Garnett, T. 2014, Three perspectives on sustainable food security: Efficiency, demand restraint, food system transformation. What role for life cycle assessment? *J. Clean. Prod.* 73, pp. 10–18.

Hellweg, S. and Canals, L.M.I. 2014, Emerging approaches, challenges and opportunities in life cycle assessment, *Science* 344, pp. 1109–1113.

Meier, M.S., Stoessel, F., Jungbluth, N., Juraske, R., Schader, C. and Stolze, M. 2015, Environmental impacts of organic and conventional agricultural products - Are the differences captured by life cycle assessment? *J. Environ. Manage.* 149, pp. 193–208.

Stylianou, K.S., Heller, M.C., Fulgoni, V.L., Ernstoff, A.S., Keoleian, G.A. and Jolliet, O. 2016, A life cycle assessment framework combining nutritional and environmental health impacts of diet: a case study on milk, *Int. J. Life Cycle Assess.* 21, pp. 734–746.

Curran, M. A. 2014, Strengths and Limitations of Life Cycle Assessment, in Klöpffer, W. (ed) *Background and Future Prospects in Life Cycle Assessment*, Springer. (e-book)

Hösel, C., Hesse, C. and Pestinger, R. 2018, Social Sustainability as a Target Figure in Life Cycle Assessment: Development of a Catalogue of Criteria for Measuring the Social Dimension, in Teuteberg, F., Hempe, M. and Schebek, L. (eds.) *Progress in Life Cycle Assessment*, Springer. (e-book).

Schor, J.B. 2003, Politicizing Sustainability: Why Achieving Ecological Balance Requires Economic and Geo-Political Transformation, Opening Keynote Address, Sixth Nordic Conference on Environmental Social Sciences, Turku/Åbo, Finland, June 2003.

Leslie, D. and Reimer, S. 1999, Spatializing commodity chains, *Progress in Human Geography* 23, pp. 401-420.

Weisz, H. 2007, Combining Social Metabolism and Input-Output Analyses to Account for Ecologically Unequal Trade, in Hornborg, A. et al. (eds.), *Rethinking Environmental History: World-System History and Global Environmental Change*, Altamira Press.

Reference literature

Fischer, F., Torgerson, D., Durnová, A., Orsini, M. 2015, *Handbook of Critical Policy Studies*, Cheltenham, Edward Elgar Publishing.

Reynolds, H 1997, *An introduction to Geographical Information Systems (GIS)*
https://badpets.net/IntroGIS/GIS_Intro.pdf

Robbins, P. 2012, *Political Ecology*, Second Edition, Chichester, Wiley-Blackwell.