



**Literature for SASI03, Environmental Studies and
Sustainability Science: Concepts, Challenges and Approaches
in Sustainability Studies applies from autumn semester 2019**

Literature established by The Board of the Lund University Centre for
Sustainability Studies on 2019-08-29 to apply from 2019-09-02

See appendix.

Miljö- och hållbarhetsvetenskap: Koncept, utmaningar och angreppssätt inom hållbarhetsstudier, 7,5 högskolepoäng

Environmental Studies and Sustainability Science: Concepts, Challenges and Approaches in Sustainability Studies, 7,5 credits

SASI03 litteraturlista fastställd av LUCSUS styrelse den 29 augusti 2019 (Dnr STYR 2019/1381)

Agarwal, B.* 2000. "Conceptualizing environmental collective action: why gender matters." *Cambridge Journal of Economics* 24: 283–310. (28 pages)

Atwood, M.* 2015. "It's not climate change. It's everything change." Matter. <https://medium.com/matter/it-s-not-climate-change-it-s-everything-change-8fd9aa671804> (10 pages)

Berkes, F. 2017. Environmental Governance for the Anthropocene? Social-Ecological Systems, Resilience, and Collaborative Learning, *Sustainability* 2017, 9(7), 1232. Available at: <http://www.mdpi.com/2071-1050/9/7/1232/htm> (12 pages)

Boyd, E. 2017.* Climate adaptation: Holistic thinking beyond technology. *Nat. Clim. Chang.* 7, 97–98. <https://doi.org/10.1038/nclimate3211>. (2 pages)

Carson, R. * (1962) 2002. *Silent Spring*. New York: Houghton Mifflin. 1: A fable for tomorrow + 2: The obligation to endure. (Available online). (13 pages) ISBN: 9780618249060

Dietz, S. and Neumayer, E., 2009. Economics and the governance of sustainable development, *Governing Sustainability*. Pp 259-282. (24 pages) ISBN: 9780511807756

Doak, D. F., Bakker, V. J., Goldstein, B. E. and Hale, B. 2014. What is the future of conservation? *Trends in Ecology and Evolution*, 29(2): 77-81. (5 pages)

Dobson, Andy. 2009. Chapter: Citizens, citizenship and governance for sustainability. *Governing Sustainability* pp 125-141. (17 pages) ISBN: 9780511807756

Elder-Vass, D. 2010. *The Causal Power of Social Structures – Emergence, Structure and Agency*. Cambridge University Press. "The problem of structure and agency" pp. 1-9. (9 pages) ISBN: 9780511761720

Foley, J. A., Ramankutty, N., Brauman, K. A., Cassidy, E. S., Gerber, J. S., Johnston, M., Mueller, N. D. et al. "Solutions for a Cultivated Planet." *Nature*. 478, no. 7369 (October 2011): 337–42. <https://doi.org/10.1038/nature10452>. (6 pages)

Haddad, N. M. et al. 2015. Habitat fragmentation and its lasting impact on Earth's ecosystems. *Science Advances*. Vol. 1, no. 2. (9 pages)

Hallock, B.* (2014) To make a burger, first you need 660 gallons of water... *Los Angeles Times* [online] Available at: <https://www.latimes.com/food/dailydish/la-dd-gallons-of-water-to-make-a-burger-20140124-story.html?smid=nytcore-ios-share> (2 pages)

Hulme, M. 2009. "Why We Disagree about Climate Change." Cambridge: Cambridge UP. P1-15. (15 pages) ISBN: 9780521727327

IPBES* (2019) *Summary for policymakers of the global assessment report on biodiversity and ecosystem services of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem*

Services.

https://www.ipbes.net/sites/default/files/downloads/spm_unedited_advance_for_posting_htn.pdf (39 pages)

IPCC,* 2018: Summary for Policymakers. *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, and efforts to eradicate poverty*. Available at: https://report.ipcc.ch/sr15/pdf/sr15_spm_final.pdf (26 pages)

Kareiva, P and Marvier, M. 2012. What is conservation science? *BioScience*, 62:962-969. (8 pages)

Karlsson, Johan O., Georg Carlsson, Mikaela Lindberg, Tove Sjunnestrand, and Elin Rööf. "Designing a Future Food Vision for the Nordics through a Participatory Modeling Approach." *Agronomy for Sustainable Development*. 38, no. 6 (December 2018). <https://doi.org/10.1007/s13593-018-0528-0>. (10 pages)

Kates, R et al. "Sustainability Science." *Science*. 292 (5517): 641-642. (2 pages)

Li, T. M.* (2010). Indigeneity, capitalism, and the management of dispossession. *Current Anthropology*, 51(3), 385-414. (30 pages)

Martinez-Alier, J. Temper, L., Del Bene, D and Scheidel, A . 2016. Is there a Global Environmental Justice Movement? TNI publications. ISS: The Netherlands. https://www.tni.org/files/publication-downloads/16-icas_cp_martinez_alier_et_al.pdf (22 pages)

Martinez-Alier, J., Angelovski, I., Bond, P., Del Bene, D., Demaria, F., Gerber, J.-F., Greyl, L., Haas, W., Healy, H., Marín-Burgos, V., Ojo, G., Firpo Porto, M., Rijnhout, L., Rodríguez- Labajos, B., Spangenberg, J., Temper, L., Warlenius, R., and Yáñez, I. 2014. Between Activism and Science: Grassroots Concepts for Sustainability Coined by Environmental Justice Organizations. *Journal of Political Ecology* 21: 19–60. (42 pages)

Meadows, D.H.*, 2009. Chapter 6: Leverage points: Places to intervene in a system, in: *Thinking in Systems*. (20 pages) ISBN: 9781603580557

Nixon, R. 2011. *Slow Violence and the Environmentalism of the Poor*. Cambridge, Mass.: Harvard UP. *Chapter 1*. (24 pages) ISBN: 9780674049307

O'Neill, Daniel W., Andrew L. Fanning, William F. Lamb, and Julia K. Steinberger. "A Good Life for All within Planetary Boundaries." *Nature Sustainability*. 1, no. 2 (February 2018): 88–95. <https://doi.org/10.1038/s41893-018-0021-4>. (8 pages)

Orlove, B., 2005. Human adaptation to climate change: A review of three historical cases and some general perspectives. *Environ. Sci. Policy* 8, 589–600. <https://doi.org/10.1016/j.envsci.2005.06.009> (12 pages)

F. Pendrill,* U. M. Persson, J. Godar, T. Kastner, Deforestation displaced: trade in forest-risk commodities and the prospects for a global forest transition. *Environmental Research Letters* **14**, 055003 (2019). (14 pages)

Persson, S.*, Harnesk, D., & Islar, M. (2017). What local people? Examining the Gállok mining conflict and the rights of the Sámi population in terms of justice and power. *Geoforum*, 86, 20-29. (10 pages)

Raworth, K.* 2012. "A Safe and Just Space for Humanity. Can we live within the doughnut?" Oxford: Oxfam Discussion Papers. (26 pages)

Ritchie, H.* and Roser, M. 2017. CO₂ and other Greenhouse Gas Emissions. <https://ourworldindata.org/co2-and-other-greenhouse-gas-emissions> (15 pages)

Rockström, J et al. 2009. "A safe operating space for humanity." *Nature* 461(7263): 472-475. (4 pages)

Roser, M. and Ritchie, H. Hunger and Undernourishment. <https://ourworldindata.org/hunger-and-overnourishment> (15 pages)

Schröter, M. et al. 2014. Ecosystem Services as a Contested Concept: A Synthesis of Critique and Counter-Arguments. *Conservation Letters*, 7(6), 514-523. (20 pages)

Sen, A. 2004. Why we should preserve the spotted owl. *London Review of Books*, 26(3):10- 11. (Available online) (2 pages)

Shove, E.*, 2010. Beyond the ABC: Climate change policy and theories of social change. *Environ. Plan. A* 42, 1273–1285. <https://doi.org/10.1068/a42282>. (13 pages)

Taubert, F.* et al. 2018. Global patterns of tropical forest fragmentation. *Nature*, 554, 519-522. (4 pages)

UNFCCC Paris Agreement 2015 <https://unfccc.int/process-and-meetings/the-paris-agreement/the-paris-agreement> (25 pages)

Total number of pages: 543

For a 7,5 credits first cycle course the social sciences faculty recommends 1,000 pages. The page number for this course is 543, and the justification is that several lecturers has wanted to give a few absolutely key texts rather than countless sources. The course also includes five assignments, which will be time-consuming and require considerable extra reading.

*Female authors

Gender balance: 42-58, in favor of male lead authors. This will be addressed the next time the literature list is reviewed.