



**Literature for SASI03, Environmental Studies and  
Sustainability Science: Concepts, Challenges and Approaches  
in Sustainability Studies applies from autumn semester 2018**

Literature established by The Board of the Lund University Centre for  
Sustainability Studies on 2018-06-14 to apply from 2018-09-03

---

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 14 juni 2018 (STYR 2018/1069).

Agarwal, B. 2000. "Conceptualizing environmental collective action: why gender matters." Cambridge Journal of Economics 24: 283–310. (27 pages)

Arias-maldonado, M., 2013. Rethinking Sustainability in the Anthropocene Rethinking Sustainability in the Anthropocene 4016. <https://doi.org/10.1080/09644016.2013.765161> (20 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>

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

Brien, B.K.O., 2015. Political Agency Science, 350, 1170. (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)

Conde, M., 2014. Activism mobilising science. Ecol. Econ. 105, 67–77. <https://doi.org/10.1016/j.ecolecon.2014.05.012>. (10 pages)

Cronon, W., 1996. The Trouble with Wilderness or Getting back to the wrong Nature. Environ. Hist. Durh. N. C. 1, 7–28. (21 pages)

De Groot, R. S., M. A. Wilson & R. M. J. Boumans. 2002. "A typology for the classification, description and valuation of ecosystem functions, goods and services". Ecological Economics, 41, 393-408. (16 pages)

Dietz, S., Neumayer, E., 2009. Economics and the governance of sustainable development, Governing Sustainability. Pp 259-282. (23 pages)

Doak, D. F. et al. 2014. What is the future of conservation? Trends in Ecology and Evolution, 29(2): 77-81. (4 pages)

Dobson, Andy. 2009. Chapter: Citizens, citizenship and governance for sustainability. Governing Sustainability pp 125-141. (16 pages)

Gallopín, G.C., Funtowicz, S., O'Connor, M., Ravetz, J., 2001. Science for the Twenty-First Century: From Social Contract to the Scientific Core. Int. Soc. Sci. J. 53, 219–229. (10 pages)

Galafassi, D., Kagan, S., Milkoreit, M., Heras, M. et. al. 2018. 'Raising the temperature': the arts in a warming planet. Current Opinion in Environmental Sustainability, Volume 31, April 2018, Pages 71-79. (8 pages)

Gapminder. 2018. Gapminder. Available at: <https://www.gapminder.org/>.

Hirsch Hadorn, G., D. Bradley, C. Pohl, S. Rist & U. Wiesmann (2006) "Implications of transdisciplinarity for sustainability research". *Ecological Economics*, 60, 119-128. (9 pages)

Hulme, M. 2009. "Why We Disagree about Climate Change." Cambridge: Cambridge UP. P 1-15 (available on Live@Lund). (15 pages)

IPCC. 2014. Climate Change 2014: Synthesis Report Summary for Policymakers Available from: [http://www.ipcc.ch/pdf/assessment-report/ar5/syr/AR5\\_SYR\\_FINAL\\_SPM.pdf](http://www.ipcc.ch/pdf/assessment-report/ar5/syr/AR5_SYR_FINAL_SPM.pdf). (32 pages)

Kareiva, P and Marvier, M. 2012. What is conservation science? *BioScience*, 62:962-969. (6 pages)

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

Klein, N. 2014. "This Changes Everything". New York: Simon and Schuster. Introduction: One way or the other everything changes. (27 pages)

Lang, D., J., Wiek, A., Bergmann, M., Stauffacher, M., Martens, P., Moll, P., Swilling, M., Thomas, C. J. 2012. "Transdisciplinary research in sustainability science: practice, principles and challenges." *Sustainability Science* 7 (Suppl. 1): 25-43. (18 pages)

Leach, M. (2010) *Dynamic Systems: Environment and Development Challenges*. Dynamic sustainabilities: technology, environment, social justice. Edited by Melissa Leach, Ian Scoones and Andy Stirling. Chapter 2 (11 pages)

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

Nixon, R. 2011. "Slow Violence and the Environmentalism of the Poor". Cambridge, Mass.: Harvard UP. Chapter 1 (44 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> (11 pages)

Our World in Data. 2018. Our World in Data. Available at: <https://ourworldindata.org>.

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

Rockström, J et al. 2009. "A safe operating space for humanity." *Nature* 461(7263): 472-475. (3 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. (18 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>. (12 pages)

Steg, L and Vlek, C. 2009. Encouraging pro-environmental behaviour: An integrative review and research agenda. *Journal of Environmental Psychology*, 29: 309-317. (8 pages)

UNEP. 2016. *Healthy Environment, Healthy People*. (39 pages)

Vlek, C and Steg, L. 2007. Human Behavior and Environmental Sustainability: Problems, Driving Forces, and Research Topics, *Journal of Social Issues*, 63(1):1-19. (19 pages)

*Pages: 509*

*Gender balance: 43% female first-authorship*

**Additional readings to be suggested by guest speakers**