



**Literature for MESS24, Environmental Studies and
Sustainability Science: Economy and Sustainability applies
from the spring semester 2025**

Literature established by The Board of the Lund University Centre for
Sustainability Studies on 2024-12-05 to apply from 2024-12-05

See appendix.



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Sustainability Studies

Miljö- och hållbarhetsvetenskap: Ekonomi och hållbarhet, 7,5 högskolepoäng

Environmental Studies and Sustainability Science: Economy and Sustainability, 7.5 credits

MESS24 litteraturlista fastställd av LUCSUS styrelse den 5 december 2024.

Required reading

Anand S. and Sen, A. (2000) Human Development and Economic Sustainability. *World Development*, 28 (12): 2029-2049. (20 pages)

Angner, E. (2024) *How Economics Can Save the World*. Penguin books. (30 pages)

Babic, M. (2024) Green finance in the global energy transition: Actors, instruments, and politics. *Energy Research and Social Science*. 111: 103482. (14 pages)

Boardman, A., Greenberg, D., Vining, A., Weimer, D., 2011b. Cost-Benefit Analysis. Concepts and Practice. Pearson Prentice Hall, New Jersey, USA. Read Chapter 1, introduction p.1-28 (28 pages)

Boston, J., 2022. Living within biophysical limits: Green growth versus degrowth. *Policy Quarterly*, 18(2): 81-92. (11 pages)

Boyd, E., Chaffin, B. C., Dorkenoo, K., Jackson, G., Harrington, L., N'Guetta, A., Johansson, E. L., Nordlander, L., Paolo De Rosa, S., Raju, E., Scown, M., Soo, J., & Stuart-Smith, R. (2021). Loss and damage from climate change: A new climate justice agenda. *One Earth*. 4(10): 1365-1370. (5 pages)

Bracking, S., Fredriksen, A., Sullivan, S., and Woodhouse, P. (2019) Introducing values that matter. In: Bracking, S., Fredriksen, A., Sullivan, S.,

and Woodhouse, P. (eds): *Valuing development, environment, and conservation*. ISBN 9780367665005. Chapter 1. (17 pages)

Christiansen, J., **Irvine-Broque, A.**, Dempsey, J., Nelson, S., Shapiro-Garza, E., Bigger, P., and Islar, M. (forthcoming). Impact investing amidst extinction? Assessing current challenges for the biodiversity finance market. *Current opinion in environmental sustainability*.

Clapp, J., and Ryan Isakson, S. (2018) Risky Returns: The Implications of Financialization in the Food System. *Development and Change*. 49(2): 437-460. (23 pages)

Daly, H. (1992) Allocation, distribution and scale: towards an economics that is efficient, just, and sustainable. *Ecological Economics*. 6(2): 185-193 (8 pages)

Daly, H.E. (2005) Economics in a full world. *Scientific American*, 293(3) 100- 107. (7 pages)

Ekins, P., **Simon, S.**, Deutsch, L., Folke, C., & de Groot, R. (2003) A framework for the practical application of the concepts of critical natural capital and strong sustainability. *Ecological Economics*, 44(2-3): 165-185 (20 pages)

Escobar, A. (2015). Degrowth, postdevelopment, and transitions: a preliminary conversation. *Sustainability Science*, 10(3): 451-462. (9 pages)

Farber, S., Costanza, R., Wilson, M.A. (2002) Economic and ecological concepts for valuing ecosystem services. *Ecological Economics* 41(3): 375-392 (17 pages) or

Fischer, L., et al (eds) (2018) *Rethinking Economics. An introduction to pluralist economics*. Routledge. Read introduction + 1 other chapter. (approximately 30 pages)

Fullerton, D. and Stavins, R. (1998) How Economists See the Environment. *Nature* 395: 433-434. (2 pages)

Green Finance Platform (2023) Explore Green and Sustainable Finance. Available at: <https://www.greenfinanceplatform.org/page/explore-green-finance>

Heinzerling, L. & Ackerman, F. (2002) *Pricing the priceless: Cost-benefit analysis of environmental protection*. Georgetown Environmental Law and Policy Institute and Georgetown University Law Center. Available at: <https://www.bu.edu/eci/files/2019/06/C-B-pamphlet-final.pdf> (38 pages)

Herrero, H. (2024) The Proliferation of Municipal Green Bonds in Africa and Latin America: The Need for a Climate Justice Approach. *Environment & Urbanization*. 36(1): 147-172. (25 pages)

- Hiss, S.** (2013). The Politics of the Financialization of Sustainability. *Competition & Change*, 17(3): 234-247. (13 pages)
- Holt-Giménez, E. (2019). Capitalism, food, and social movements: The political economy of food system transformation. *Journal of Agriculture, Food Systems, and Community Development*, 9(A): 23–35. (22 pages)
- Irvine-Broque, A., DiSilvestro, A., & Dempsey, J.** (2022). The road less travelled: Finance for diverse ecological futures. *Environment and Planning E: Nature and Space*, 5(4): 2372-2375.
<https://doi.org/10.1177/25148486211030432> (3 pages)
- Mann, G. (2013) *Disassembly Required: A Field Guide to Actually Existing Capitalism*. ISBN: 9781849351263. Chapter 1. (19 pages)
- Murray Li, T.** (2014) Assembling a resource for global investment. *Transactions of the Institute of British Geographers*. 39: 589-602. (13 pages)
- Newman, S.** (2020) Finance and Development in Sub-Saharan Africa. In: Knox-Hayes, J. and Wojcik, D. (eds). *The Routledge Handbook of Financial Geography*. ISBN 9780367641788. Chapter 26. (30 pages)
- Nordhaus, W.D. (2007) A Review of the Stern Review on the Economics of Climate Change. *Journal of Economic Literature*, 45 (3): 686–702 (16 pages)
- Oreskes, N.** and Conway, E. M. (2013) The Collapse of Western Civilization: A View from the Future. *Daedalus*, 142(1): 40-58. (18 pages)
- Ostrom, E.** (1990) *Governing the Commons: The Evolution of Institutions for Collective Action*. Cambridge University Press. Chapter 1. (28 pages)
- Ostrom, E.** (2002) Common-pool resources and institutions: Toward a revised theory. In: Gardner and Rauser (eds). *Handbook of Agricultural Economics*. Chapter 24. Pages 1315-1339 (24 pages)
- Ouma, S. (2020). This can't be an asset class: The world of money management, "society", and the contested morality of farmland investments. *Environment and Planning A: Economy and Space*, 52(1), 66-87
- Ouma, S. (2024) Africapitalism. In: Carmody, P., and Murphy, J. (eds). *Handbook of African Economic Development*. Chapter 26. 543-556. 13 pages.
- Perkins, P.** (2007) Feminist Ecological Economics and Sustainability. *Journal of Bioeconomics*, 9: 227–244. (17 pages)

Pezzey, J. (2019) Why the Social Cost of Carbon Will Always be Disputed. *WIREs Climate Change*, 10(1): e558. (12 pages)

Pop Bermann, E. (2022). *Thinking like an economist. How Efficiency Replaced Equality in U.S. Public Policy*. Princeton University Press. Chapter 1. (23 pages)

Saarikoski, H., Mustajoki J, Barton DN, Geneletti D, Langemeyer J, Gomez-Baggethun E, Marttunen M, Antunes P, Keune H, Santos R. (2016) Multi-Criteria Decision Analysis and Cost-Benefit Analysis: Comparing alternative frameworks for integrated valuation of ecosystem services. *Ecosystem Services* 22: 238-249. (9 pages)

Sen, A. (2013) The ends and means of sustainability. *Journal of Human Development and Capabilities*, 14(1): 6-20. (14 pages)

Razavi, S. (2009) Engendering the political economy of agrarian change. *The Journal of Peasant Studies*, 36:1: 197-226. (29 pages)

Robertson, M. M. (2006). The nature that capital can see: science, state, and market in the commodification of ecosystem services. *Environment and Planning D: society and space*, 24(3), 367-387. (20 pages)

Solow, R.M. (1991) Sustainability: an economist's perspective. (12 pages)

Spash, C.L. (2021) Conceptualising Nature: From Dasgupta to Degrowth. *Environmental Values*, 30(3): 265-275. (10 pages)

Standing, A. (2023). The financialization of marine conservation: the case of debt-for-ocean swaps. *Development*, 66(1), 46-57. (11 pages)

Stern, N. (2008). The Economics of Climate Change. *American Economic Review*, 98 (2): 1–37. (37 pages)

Teixeira, B.M. (2021) Underdevelopment, extractivism, and conflict in the Global South and the role of systemic alternatives. *Conjuntura Austral*, 12(59): 21-34. (14 pages)

Transnational Institute (TNI) (2018) *Financialisation: a primer*. Read: Introduction to financialization, and Section 16: What is the financialisation of nature? Available at: <https://www.tni.org/es/publicación/financierizacion-guia-basica?translation=en> (7 pages)

Uri, I., **Robinson, S.A.**, Roberts, J.T. et al. (2024) Equity and Justice in Loss and Damage Finance: A Narrative Review of Catalysts and Obstacles. *Current Climate Change Reports*. <https://doi.org/10.1007/s40641-024-00196-6> . (13 pages)

Van den Bergh J.C.J.M. and Botzen W.J.W. (2014) A lower bound to the social cost of CO2 emissions. *Nature Climate Change*, 4: 253-258. (5 pages)

Van Schie D, **McNamara KE**, Yee M, Mirza AB, Westoby R, et al. (2023) Valuing values-based approach for assessing loss and damage. *Climate and Development*, 1-8. (8 pages)

Van Veelen, B. (2021) Cash cows? Assembling low-carbon agriculture through green finance. *Geoforum* 118: 130-139. (9 pages)

Wolff R. and Resnick S. (2012) *Contending Economic Theories: Neoclassical, Keynesian, and Marxian*. MIT Press. Introduction (30 pages)

In addition to the readings above, students will be asked to watch/listen the following videos/podcasts:

The Break Down (2024) *What economics gets wrong about climate change*. With Ha-Joon Chang & **Adrienne Buller**. Available at: <https://www.break-down.org/post/episode-four-what-economics-gets-wrong>. 53 minutes.

New Economics Podcast (2024) *Should we be going for growth?* With **Ayeisha Thomas Smith, Kate Raworth**, and Michael Jacobs. Available at: <https://soundcloud.com/weeklyeconomicspodcast/should-we-be-going-for-growth>. 53 minutes.

Planet Money (2012) Episode 388: Putting a Price Tag on Your Descendants. NPR. Available at: <https://www.npr.org/sections/money/2012/07/20/157105414/episode-388-putting-a-price-tag-on-your-descendants> (17 minutes)

In addition to the readings above, students will be asked to use one of the documents below for their group assignment:

Atkinson, G. & Mourato, S. (2015). "Cost-Benefit Analysis and the Environment," OECD Environment Working Papers 97, OECD Publishing. <https://dx.doi.org/10.1787/5jrp6w76tstg-en> (61 pages)

Or

HM Treasury (2018) *The Green Book: Central Government Guidance on Appraisal and Evaluation*. https://assets.publishing.service.gov.uk/media/623d99f5e90e075f14254676/Green_Book_2022.pdf (72 pages + optional annexes)

In addition to the readings above, students will be asked to read one of the books below for their individual assignment (average 264 pages), or suggest their own:

Aranoff, K., Battistoni, A., Aldana Cohen, D., & Riofrancos, T. (2019) *A planet to win. Why we need a Green New Deal*. Verso. ISBN: 1788738314. (208 pages)

Foundational Economy Collective (2018) Foundational Economy: The Infrastructure of Everyday Life. Manchester University Press. ISBN: 1526133989. (176 pages)

Gibson-Graham, J.K., Cameron, J., Healy, S. (2013) Take Back the Economy: An ethical guide for transforming our communities. University of Minnesota Press. ISBN: 0816676070. (222 pages)

Hickel, J. (2020) Less is More: How degrowth will save the world. Windmill Books. ISBN: 1786091215. (320 pages)

Jackson, T. (2017) Prosperity without growth: Foundations for the Economy of Tomorrow. Routledge. ISBN: 1138935419. (350 pages)

Lawrence, M., and Layborne-Langton, L. (2021) Planet on Fire. Verso Books. ISBN: 1788738772. (288 pages)

Mazzucato, M. (2021) Mission Economy: A moonshot guide to changing capitalism. ISBN: 0063273357. (244 pages)

Nussbaum, M. (2013) Creating capabilities: the human development approach. Harvard University Press. ISBN: 8178243296. (237 pages)

Raworth, K. (2018) Doughnut economics: seven ways to think like a 21st century economist. ISBN: 1603587969. (309 pages)

Schumacher, E.F. (1973) Small is Beautiful: Economics as if people mattered. Harper Perennial. ISBN: 0061997761. (288 pages)

Total number of pages

1112 + 3 podcasts (123 minutes)

Justification for deviation from the recommended 1,250 pages (+/- 10%): Assigned readings will be supplemented with further up-to-date/recent podcasts from e.g. The Centre for Economic Policy Research, 'Economics in Ten', and the New Economics Foundation. Students will also be required to source additional readings for their assignments.

Author gender balance

The authors perceived as self-identifying as female are denoted in **bold**. Only first authors and second authors have been analysed for their (assumed) gender. Excluding collective works where no author could be identified, 49% of readings/podcasts have a female author or speaker.