

Reading list from Henrik von Wehrden

Journal articles:

- Kates, R. W., Clark, W. C., Corell, R., Hall, J. M., Jaeger, C. C., Lowe, I., ... & Faucheux, S. (2001). Sustainability science. *Science*, 292(5517), 641-642.
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- Steffen, W., Richardson, K., Rockström, J., Cornell, S. E., Fetzer, I., Bennett, E. M., ... & Folke, C. (2015). Planetary boundaries: Guiding human development on a changing planet. *Science*, 347(6223), 1259855.
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- Walker, B., Holling, C. S., Carpenter, S. R., & Kinzig, A. (2004). Resilience, adaptability and transformability in social–ecological systems. *Ecology and society*, 9(2).
- Wiek, A., Withycombe, L. and Redman, C.L., 2011. Key competencies in sustainability: a reference framework for academic program development. *Sustainability science*, 6(2), pp.203-218.
- Wu, Jianguo. "Landscape sustainability science: ecosystem services and human well-being in changing landscapes." *Landscape ecology* 28, no. 6 (2013): 999-1023.
- Swart, R.J., Raskin, P. and Robinson, J., (2004). The problem of the future: sustainability science and scenario analysis. *Global environmental change*, 14(2), pp.137-146.
- Parfit, Derek (2004) "Overpopulation and the Quality of Life." *The Repugnant Conclusion*. Springer, Dordrecht., 7-22.
- Lang, D.J., Wiek, A., Bergmann, M., Stauffacher, M., Martens, P., Moll, P., Swilling, M. and Thomas, C.J., (2012). Transdisciplinary research in sustainability science: practice, principles, and challenges. *Sustainability science*, 7(1), pp.25-43.
- Abson, D.J., Fischer, J., Leventon, J., Newig, J., Schomerus, T., Vilsmaier, U., von Wehrden, H., Abernethy, P., Ives, C.D., Jager, N.W. and Lang, D.J., (2017). Leverage points for sustainability transformation. *Ambio*, 46(1), pp.30-39.
- Reed, M.S., Evely, A.C., Cundill, G., Fazey, I., Glass, J., Laing, A., Newig, J., Parrish, B., Prell, C., Raymond, C. and Stringer, L.C., (2010). What is social learning?. *Ecology and society*, 15(4).
- Brandt, P., Ernst, A., Gralla, F., Luederitz, C., Lang, D.J., Newig, J., Reinert, F., Abson, D.J. and Von Wehrden, H., (2013). A review of transdisciplinary research in sustainability science. *Ecological Economics*, 92, pp.1-15.
- Luederitz, C., Schöpke, N., Wiek, A., Lang, D.J., Bergmann, M., Bos, J.J., Burch, S., Davies, A., Evans, J., König, A. and Farrelly, M.A., (2017). Learning through evaluation—A tentative evaluative scheme for sustainability transition experiments. *Journal of Cleaner Production*, 169, pp.61-76.
- Loos, J., Abson, D.J., Chappell, M.J., Hanspach, J., Mikulcak, F., Tichit, M. and Fischer, J., (2014). Putting meaning back into "sustainable intensification". *Frontiers in Ecology and the Environment*, 12(6), pp.356-361.
- Kates, R.W., (2018). What is sustainable development?.
- Crossman, N.D., Burkhard, B., Nedkov, S., Willemsen, L., Petz, K., Palomo, I., Drakou, E.G., Martín-Lopez, B., McPhearson, T., Boyanova, K. and Alkemade, R., (2013). A blueprint for mapping and modelling ecosystem services. *Ecosystem services*, 4, pp.4-14.
- Gorski, P. S. (2013). What is critical realism? And why should you care?.

Book list

- Meadows, D. H. *Thinking in systems: A primer*. Chelsea green publishing. 2008*
- Parfit, Derek. *Reasons and persons*. OUP Oxford, 1984.
- Raworth, K. . *Doughnut economics: seven ways to think like a 21st-century economist*. Chelsea Green Publishing. 2017*
- Wilson, David Sloan. *Does altruism exist? Culture, genes, and the welfare of others*. Yale University Press, 2015.*
- Harari, Y. N. . *Sapiens: A brief history of humankind*. Random House. 2014*

- Diamond, J. . Collapse: How societies choose to fail or succeed. Penguin. 2005*
- Meadows, D.H., Meadows, D.H., Randers, J. and Behrens III, W.W., 1972. The limits to growth: a report to the club of Rome (1972).
- Nussbaum, M.C The Monarchy of fear, 2018.*
- Ostrom, Elinor. Governing the commons. Cambridge university press, 2015.
- Russell, Bertrand. History of western philosophy: Collectors edition. Routledge, 2013.*
- Pearl, Judea, and Dana Mackenzie. The Book of Why: The New Science of Cause and Effect. Basic Books, 2018.*
- Kuhn, T. S. The structure of scientific revolutions. University of Chicago press, 2012.*
- Piketty, T. Capital in the 21st Century, 2014.*
- Walker, B. and Salt, D.. Resilience thinking: sustaining ecosystems and people in a changing world. Island Press, 2012.
- Rosling, H., Rönnlund, A.R. and Rosling, O. Factfulness: Ten Reasons We're Wrong about the World-- and why Things are Better Than You Think. Flatiron Books, 2018.*
- Parfit, D. "On What Matters Volume 2, chapter on Normativity, 2011.
- Durant. W. The Story of Philosophy, 1926 .*
- Nussbaum, M.C Anger and Forgiveness, 2016.*

Check out the audiobook

Recent paper selection from the Faculty

- Huang, Y., Chen, Y., Castro-Izaguirre, N., Baruffol, M., Brezzi, M., Lang, A., ... & Liu, X. (2018). Impacts of species richness on productivity in a large-scale subtropical forest experiment. *Science*, 362(6410), 80-83.
- Newig, J., Jager, N. W., Kochskämper, E., & Challies, E. (2019). Learning in participatory environmental governance—its antecedents and effects. Findings from a case survey meta-analysis. *Journal of Environmental Policy & Planning*, 21(3), 213-227.
- Kümmerer, K., Dionysiou, D. D., Olsson, O., & Fatta-Kassinos, D. (2018). A path to clean water. *Science*, 361(6399), 222-224.
- Rodrigues, P., Shumi, G., Dorresteijn, I., Schultner, J., Hanspach, J., Hylander, K., ... & Fischer, J. (2018). Coffee management and the conservation of forest bird diversity in southwestern Ethiopia. *Biological Conservation*, 217, 131-139.
- Freeth, R., & Caniglia, G. (2020). Learning to collaborate while collaborating: Advancing interdisciplinary sustainability research. *Sustainability Science*, 15(1), 247-261.
- Engler, J. O., Abson, D. J., & von Wehrden, H. (2019). Navigating cognition biases in the search of sustainability. *Ambio*, 48(6), 605-618.
- Schaltegger, S., Hörisch, J., & Freeman, R. E. (2019). Business cases for sustainability: A stakeholder theory perspective. *Organization & Environment*, 32(3), 191-212.
- Leventon, J., Schaal, T., Velten, S., Loos, J., Fischer, J., & Newig, J. (2019). Landscape-scale biodiversity governance: Scenarios for reshaping spaces of governance. *Environmental Policy and Governance*, 29(3), 170-184.
- Lam, D. P., Hinz, E., Lang, D., Tengö, M., Wehrden, H., & Martín-López, B. (2020). Indigenous and local knowledge in sustainability transformations research: a literature review. *Ecology and Society*, 25(1).
- von Kameke, C., & Fischer, D. (2018). Preventing household food waste via nudging: An exploration of consumer perceptions. *Journal of cleaner production*, 184, 32-40.
- Weiss, M., & Barth, M. (2019). Global research landscape of sustainability curricula implementation in higher education. *International Journal of Sustainability in Higher Education*.
- Pliening, T., Fagerholm, N., & Bieling, C. (2020). How to run a sustainability science research group sustainably?. *Sustainability Science*, 1-8.

Podcast List

Radiolab, The Philosophers's zone, All in the mind, Finding Sustainability, More of Less: Behind the Stats.