



**Literature for MESS17, Methodology for Sustainability Science
applies from autumn semester 2022**

Literature established by The Board of the Lund University Centre for
Sustainability Studies on 2022-06-30 to apply from 2022-08-29

See appendix.



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MESS17 LITERATURE LIST

2022-06-30

Dnr STYR 2022/1556

Hållbarhetsvetenskapens metodologiska grunder, 7,5 högskolepoäng

Methodology for Sustainability Science, 7.5 credits

MESS17 litteraturlista fastställd av LUCSUS styrelse den 30 juni 2022.

Course textbook

Trochim, William M. K. Research Methods Knowledge Base. Online textbook. <https://conjointly.com/kb/table-of-contents/>

448 pages

Papers and book chapters

Efron, S. E., & Ravid, R. (2019). "What is a Literature overview?" In: Writing the Literature Review: A Practical Guide. New York: The Guilford Press. (<https://www.guilford.com/excerpts/efron2.pdf>) (14 pages)

Harvard University, Department of Sociology. "Strategies for qualitative interviews."

https://sociology.fas.harvard.edu/files/sociology/files/interview_strategies.pdf (4 pages)

Jahn, T., Bergmann, M & Keil, F. (2012) Transdisciplinarity: Between mainstreaming and marginalization, *Ecological Economics*, 79, pp 1-10. <https://www.sciencedirect.com/science/article/pii/S0921800912001681> (10 pages)

Kelley K, Clark B, Brown V, Sitzia J. (2003) Good practice in the conduct and reporting of survey research. *Int J Qual Health Care*. 15(3):261-6. 10.1093/intqhc/mzg031 (6 pages)

Nagatsu, M., Davis, T., DesRoches, C. T., Koskinen, I., MacLeod, M., Stojanovic, M., & Thorén, H. (2020). Philosophy of science for sustainability science. *Sustainability Science*, 15(6), 1807-1817. <https://link.springer.com/article/10.1007/s11625-020-00832-8> (10 pages)

Pernecky, T. (2016). Epistemology and metaphysics for qualitative research. London: SAGE. doi: 10.4135/9781473982956. Chapters 1, 2, 6. e-book, (83 pages)

Persson, J., Hornborg, A., Olsson, L., & Thorén, H. (2018). Toward an alternative dialogue between the social and natural sciences. *Ecology and Society*, 23(4). <https://doi.org/10.5751/ES-10498-230414> (11 pages)

Sayer, A. (1999). Realism and social science. Sage. Introduction + chapter 1. e-book (26 pages)

Schoonover, H. A., A. Grêt-Regamey, M. J. Metzger, A. Ruiz-Frau, M. Santos-Reis, S. S. K. Scholte, A. Walz, and K. A. Nicholas. 2019. Creating space, aligning motivations, and building trust: a practical framework for stakeholder engagement based on experience in 12 ecosystem services case studies. *Ecology and Society* 24(1):11. <https://doi.org/10.5751/ES-10061-240111> (13 pages)

Schutt, Russell. (2014) Chapter 8: "Survey Research." In: "Investigating the Social World: The Process and Practice of Research." SAGE Publications. https://www.sagepub.com/sites/default/files/upm-binaries/43589_8.pdf (26 pages)

Swedish Research Council VR (2017). Good Research Practice. <https://www.vr.se/english/analysis/reports/our-reports/2017-08-31-good-research-practice.html> (86 pages)

Talja, S. (1999) Analyzing Qualitative Interview Data: The Discourse Analytic Method,

Library & Information Science Research, 21(4), pp. 459-477. <https://www.sciencedirect.com/science/article/pii/S0740818899000249#!> (19 pages)

Ullström, Sara. Approved application to Ethical Review Board to conduct interview research, including informed consent forms and interview guides.

United Nations. (2021). "The Sustainable Development Goals Report." P. 3-25. <https://unstats.un.org/sdgs/report/2021/The-Sustainable-Development-Goals-Report-2021.pdf> (22 pages)

United Nations Environment Program. (2021) "Emissions Gap Report 2021: The Heat Is On." Executive Summary. <https://www.unep.org/resources/emissions-gap-report-2021> (14 pages).

United Nations Economic Commission for Europe. (2009) "Making Data Meaningful." Chapters 2-5: https://unece.org/fileadmin/DAM/stats/documents/writing/MDM_Part2_English.pdf (33 pages)

University of Reading Statistical Services Centre. (2021) "Approaches to the Analysis of Survey Data." <https://biometrics.ilri.org/GoodStatisticalPractice/publications/guides/topasd.html> (19 pages)

Wehrden, H., Luederitz, C., Leventon, J. & Russell, S. Methodological challenges in sustainability science: a call for method plurality, procedural rigour and longitudinal research

<http://www.librelloph.com/challengesinsustainability/article/view/cis-5.1.35/244> (8 pages)

Total number of pages

852 pages.

In addition to the mandatory course literature, students will be expected to search for and use additional literature, primarily in relation to two course elements. First is a seminar (role play) where students will be tasked to represent a specific epistemological approach, which they have to prepare for through group research. Second is the main individual assignment which tasks students to design and justify a fictional research project for which they will need literature of their own finding in addition to the course literature. In addition, the course will provide students with a very extensive suggested reading lists that students can use for reference throughout the remainder of the programme. This set-up combines key texts for all course students and ample guidance for deepened knowledge categorised in ways that enable students to follow their ontological, epistemological, and methodological interests and foci.

Author gender balance

Female authors are highlighted in yellow.