



**Literature for MESS37, Knowledge to Action applies from
spring semester 2021**

Literature established by The Board of the Lund University Centre for
Sustainability Studies on 2020-12-10 to apply from 2021-01-18

See appendix.

Från kunskap till handling, 5 högskolepoäng Knowledge to Action, 5 credits

MESS37 litteraturlista faställd av LUCSUS styrelse den 10 december 2020 (dnr STYR 2020/2209).

- Buhl, A., Schmidt-Keilich, M., Muster, V., Blazejewski, S., Schrader, U., Harrach, C., Schäfer, M., & Süßbauer, E. (2019). Design thinking for sustainability: Why and how design thinking can foster sustainability-oriented innovation development. *Journal of Cleaner Production*, 231, 1248–1257. <https://doi.org/10.1016/j.jclepro.2019.05.259> (10 pages)
- Caniglia, G., Luederitz, C., von Wirth, T., Fazey, I., Martín-López, B., Hondrila, K., König, A., von Wehrden, H., Schöpke, N. A., Laubichler, M. D., & Lang, D. J. (2020). A pluralistic and integrated approach to action-oriented knowledge for sustainability. *Nature Sustainability*. <https://doi.org/10.1038/s41893-020-00616-z> (8 pages)
- Caniglia, G., Schöpke, N., Lang, D. J., Abson, D. J., Luederitz, C., Wiek, A., Laubichler, M. D., Gralla, F., & von Wehrden, H. (2017). Experiments and evidence in sustainability science: A typology. *Journal of Cleaner Production*, 169, 39–47. <https://doi.org/10.1016/j.jclepro.2017.05.164> (9 pages)
- D-school (2010). An Introduction to Design Thinking: Process Guide. Stanford University. <http://web.stanford.edu/~mshanks/MichaelShanks/files/509554.pdf> (6 pages)
- Fazey, I., Schöpke, N., Caniglia, G., Patterson, J., Hultman, J., van Mierlo, B., Säwe, F., Wiek, A., Wittmayer, J., Aldunce, P., Al Waer, H., Battacharya, N., Bradbury, H., Carmen, E., Colvin, J., Cvitanovic, C., D'Souza, M., Gopel, M., Goldstein, B., ... Wyborn, C. (2018). Ten essentials for action-oriented and second order energy transitions, transformations and climate change research. *Energy Research & Social Science*, 40, 54–70. <https://doi.org/10.1016/j.erss.2017.11.026> (17 pages)
- Harris, F., & Lyon, F. (2013). Transdisciplinary environmental research: Building trust across professional cultures. *Environmental Science & Policy*, 31, 109–119. <https://doi.org/10.1016/j.envsci.2013.02.006> (11 pages)
- Hoolohan, C., & Browne, A. L. (2020). Design thinking for practice-based intervention: Co-producing the change points toolkit to unlock (un)sustainable practices. *Design Studies*, 67, 102–132. <https://doi.org/10.1016/j.destud.2019.12.002> (10 pages)
- Horcea-Milcu, A.-I., Abson, D. J., Apetrei, C. I., Duse, I. A., Freeth, R., Riechers, M., Lam, D. P. M., Dorninger, C., & Lang, D. J. (2019). Values in transformational sustainability science: four perspectives for change. *Sustainability Science*, 14(5), 1425–1437. <https://doi.org/10.1007/s11625-019-00656-1> (13 pages)
- Lam, D. P. M., Martín-López, B., Wiek, A., Bennett, E. M., Frantzeskaki, N., Horcea-Milcu, A. I., & Lang, D. J. (2020). Scaling the impact of sustainability initiatives: a typology of

- amplification processes. *Urban Transformations*, 2(1). <https://doi.org/10.1186/s42854-020-00007-9> (24 pages)
- Martiskainen, M.** (2017). The role of community leadership in the development of grassroots innovations. *Environmental Innovation and Societal Transitions*, 22, 78–89. <https://doi.org/10.1016/j.eist.2016.05.002> (12 pages)
- Masterson, V. A.**, Stedman, R. C., Enqvist, J., Tengö, M., Giusti, M., Wahl, D., & Svedin, U. (2017). The contribution of sense of place to social-ecological systems research: a review and research agenda. *Ecology and Society*, 22(1). <https://doi.org/10.5751/es-08872-220149> (14 pages)
- Montana, J. (2019). Co-production in action: perceiving power in the organisational dimensions of a global biodiversity expert process. *Sustainability Science*, 14(6), 1581–1591. <https://doi.org/10.1007/s11625-019-00669-w> (11 pages)
- Norström, A. V., Cvitanovic, C., Löf, M. F., West, S., Wyborn, C., Balvanera, P., Bednarek, A. T., Bennett, E. M., Biggs, R., de Bremond, A., Campbell, B. M., Canadell, J. G., Carpenter, S. R., Folke, C., Fulton, E. A., Gaffney, O., Gelcich, S., Jouffray, J.-B., Leach, M., ... Österblom, H. (2020). Principles for knowledge co-production in sustainability research. *Nature Sustainability*, 3(3), 182–190. <https://doi.org/10.1038/s41893-019-0448-2> (19 pages)
- Phills., J. Jr, **Deiglmeier, K.** & Dale T. Miller, D. T. (2008) Rediscovering Social Innovation. Stanford Social Innovation Review. Fall 2008. 6(4),34-43 https://ssir.org/articles/entry/rediscovering_social_innovation# (10 pages)
- Trott, C. D.**, Even, T. L., & **Frame, S. M.** (2020). Merging the arts and sciences for collaborative sustainability action: a methodological framework. *Sustainability Science*, 15(4), 1067–1085. <https://doi.org/10.1007/s11625-020-00798-7> (18 pages)
- Wang, J.**, Aenis, T., & Siew, T. F. (2019). Communication processes in intercultural transdisciplinary research: framework from a group perspective. *Sustainability Science*, 14(6), 1673–1684. <https://doi.org/10.1007/s11625-019-00661-4> (12 pages)
- West, S., **van Kerkhoff, L.**, & Wagenaar, H. (2019). Beyond “linking knowledge and action”: towards a practice-based approach to transdisciplinary sustainability interventions. *Policy Studies*, 40(5), 534–555. <https://doi.org/10.1080/01442872.2019.1618810> (12 pages)
- Wittmayer, J. M.**, & Schöpke, N. (2014). Action, research and participation: roles of researchers in sustainability transitions. *Sustainability Science*, 9(4), 483–496. <https://doi.org/10.1007/s11625-014-0258-4> (14 pages)

Optional (lighter) sustainability leadership reading

Marshall, J., Coleman, G., & Reason, P. (2011). *Leadership for Sustainability: An Action Research Approach* (1st ed.). Routledge. <https://doi-org.ludwig.lub.lu.se/10.4324/9781351278287> (262 pages)

Female scholars in light blue.

Total pages: 205 article pages (plus 262 pages of leisure reading). Students will/should select additional readings based on the individual assigned topic.