



Literature for MESS33, Sustainability Science applies from autumn semester 2021

Literature established by The Board of the Lund University Centre for
Sustainability Studies on 2021-05-20 to apply from 2021-08-30

See appendix.



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MESS33 LITERATURE LIST

2021-05-20

Dnr STYR 2021/1324

Hållbarhetsvetenskap, 10 högskolepoäng

Sustainability Science, 10 credits

MESS33 litteraturlista fastställd av LUCSUS styrelse den 20 maj 2021.

Course literature

1. Bergmann, M., Schöpke, N., Marg, O. et al. Transdisciplinary sustainability research in real-world labs: success factors and methods for change. *Sustain Sci* 2021. 16, 541–564.
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12. Köhler, J., Geels, F. W., Kern, F., Markard, J., Onsongod, E., Wieczorek, A., Floortje Alkemade, Avelino, F., et al. *Viewpoint: An agenda for sustainability transitions research: State of the art and future directions*. Environmental Innovation and Societal Transitions 2019. 31: 1–32.
13. Lang, D. J. et al. *Transdisciplinary research in sustainability science: practice, principles and challenges*. Sustainability Science. 2012. 7(Suppl. 1): 25-43.
14. Mahmoud, M. et al. *A formal framework for scenario development in support of environmental decision-making*. Environmental Modelling & Software 2009. 24: 798–808.
15. Meadows, D. *Thinking in Systems: A Primer (Intro chapter)*. 2008. White River Junction, Chelsea Green (selected parts only; pdf will be made available).
16. Miller, T. R. *Constructing sustainability science: emerging perspectives and research trajectories*. Sustainability Science. 2013. 8:279-293.
17. Nevens, F., Gorissen, L., Frantzeskaki, N., and Derk Loorbach, D. *Urban Transition Labs: co-creating transformative action for sustainable cities*. Journal of Cleaner Production 2013. 50:111-122.
18. Ostrom, E, *A General Framework for Analyzing Sustainability of Social-Ecological Systems*. Science, 2009. 325(24 July): p. 419-422.
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20. Raudsepp-Hearne, C., Peterson, G.D., Bennett, E.M. et al. Seeds of good anthropocenes: developing sustainability scenarios for Northern Europe. *Sustain Sci* 2020. **15**, 605–617. <https://doi.org/10.1007/s11625-019-00714-8>
21. Rokaya, P., Sheikholeslami, R., Kurkute, S., Nazarbakhsh, M., Zhang, F. & Reed, M. E. *Multiple factors that shaped sustainability science journal: 1 10-year review*. Sustainability Science. 2017. 1-14. <https://doi.org/10.1007/s11625-017-0495-4>

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24. Spanò, M., Gentile, F., Davies, C., Laforteza, R. (2017) The DPSIR framework in support of green infrastructure planning: A case study in Southern Italy, *Land Use Policy*, 61:242-250
25. Wiek, A. & Iwaniec, D. *Quality criteria for visions and visioning in sustainability science*. *Sustainability Science*, 2014. 9:497–512.
26. Wiek, A., Ness, B., Brand, F. S., Schweizer-Ries, P., & Farioli, F. *From complex systems analysis to transformational change: a comparative appraisal of sustainability science projects*. *Sustainability Science*. 2012. 7(1):5–24.

Required reading

Total number of pages: missing

Author gender balance

Missing