



LUNDUS  
UNIVERSITET

## **Litteraturlista för MESS33, Hållbarhetsvetenskap gällande från och med höstterminen 2018**

**Litteraturlistan är fastställd av Styrelsen för Lunds universitets centrum för studier av uthållig samhällsutveckling 2017-11-20 att gälla från och med 2018-09-03**

---

Se bilaga.

# Hållbarhetsvetenskap

## Sustainability Science

MESS33

Litteraturlista fastställd av LUCSUS styrelse per capsulam den 2017-11-20 (dnr STYR 2017/1171).

1. Kates, R.W., et al., *Sustainability Science*. Science, 2001. 292(5517), 641-2.
2. Clark, W.C. and Dickson, N. M. *Sustainability Science: the emerging research program*. PNAS, 2006. 100(14): 8059-8061.
3. Cash, D.W., et al., *Knowledge systems for sustainable development*. PNAS, 2003. 100(14): 8086-8091.
4. Spangenberg, J. H. *Sustainability science: a review, an analysis and some empirical lessons*. Environmental Conservation. 2011. 38(3):275–287.
5. Jerneck, A., Olsson, L., Ness, B., Anderberg, S., Baier, M., Clark, E. et al. *Structuring sustainability science*. Sustainability Science. 2011. 6:69-82.
6. 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>
7. Miller, T. R. *Constructing sustainability science: emerging perspectives and research trajectories*. Sustainability Science. 2013. 8:279-293.
8. Funtowicz, S.O. and Ravetz, J.R. *Science for the Post-Normal Age*. Futures. Sept. 1993. 739-755.
9. 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.
10. Lang, D. J. et al. *Transdisciplinary research in sustainability science: practice, principles and challenges*. Sustainability Science. 2012. 7 (Suppl. 1): 25-43.
11. Polk, M. *Achieving the promise of transdisciplinarity: a critical exploration of the relationship between transdisciplinary research and societal problem solving*. Sustainability Science. 2014. 1-13.
12. Ness, B. et al. *Categorising tools for sustainability*. Ecological Economics. 2007. 60:498-508.
13. Parris, T. M., & Kates, R. W. Characterizing a sustainability transition: goals, targets, trends, and driving forces. Proceeding of the National Academies, USA. 2003. 100(14):8068-8073.
14. Burkhard B. & Müller F. *Encyclopedia of Ecology Ecological Indicators: Driver–Pressure–State–Impact–Response*. Elsevier. 2008. 2: 967-970.

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. Haraldsson, H. (2004) Introduction to systems thinking and causal loop diagrams Report 1:2004. Lund University.
17. Gibson C.C., Ostrom E. and, Ahn T.K. *The concept of scale and the human dimensions of global change: a survey*. Ecological Economics. 2000. 32: 217–239.
18. Cash, D. W., W. Adger, F. Berkes, P. Garden, L. Lebel, P. Olsson, L. Pritchard, and O. Young. *Scale and cross-scale dynamics: governance and information in a multilevel world*. Ecology and Society 2006. 11(2): 8. [online] URL: <http://www.ecologyandsociety.org/vol11/iss2/art8/>
19. Ostrom, E, A *General Framework for Analyzing Sustainability of Social-Ecological Systems*. Science, 2009. 325(24 July): p. 419-422.
20. Partelow, S, and Boda, C. S. A modified diagnostic social-ecological system framework for lobster fisheries: Case implementation and sustainability assessment in Southern California. Ocean & Coastal Management, 2015. 114, 204–217.
21. McGinnis, M. Ostrom, E. Social-ecological system framework: initial changes and continuing challenges. Ecology & Society. 2014. 19(2).
22. Rotmans, J. and Loorbach, D. *Complexity and Transition Management. Journal of Industrial Ecology*, 2009. 13:184–196.
23. Geels, F. (2011) *The multi-level perspective on sustainability transitions: responses to seven criticisms*. Journal of Environmental Innovation & Societal Transitions, 1 (1):24-40. ISSN 2210-4224
24. Smith, A., and A. Stirling. *The politics of social-ecological resilience and sustainable socio-technical transitions’* Ecology and Society. 2010. 15(1):11.
25. Frantzeskaki, N. and Loorbach D. *Governing societal transitions to sustainability*. Int. J. Sustainable Development, 2012. 151/2:19-36.
26. 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.
27. Mahmouda, M. et al. *A formal framework for scenario development in support of environmental decision-making*. Environmental Modelling & Software 2009. 24: 798–808.
28. Swart R. J., Raskin, P. and Robinson, J. *The problem of the future: sustainability science and scenario analysis*. Global Environmental Change 2004.14:137–146.
29. Wiek, A. & Iwaniec, D. *Quality criteria for visions and visioning in sustainability science*. Sustainability Science, 2014. 9:497–512.