



**Literature for MESS54, Environmental Studies and
Sustainability Science: Resilience and Sustainable
Development applies from autumn semester 2018**

Literature established by The Board of the Lund University Centre for
Sustainability Studies on 2017-09-05 to apply from 2018-09-03

See appendix.

Resiliens och hållbar utveckling, 7,5 högskolepoäng

Resilience and Sustainability, 7,5 credits

MESS54

Litteraturlista (fastställd av LUCSUS styrelse den 5 september 2017. STYR 2017/1123)

Required reading

Approximately 1300 pages

Ratio of female leader authors to male lead authors (of 32 references 15 have female lead authors)

Articles

1. Adger, W.N., 2000. Social and ecological resilience are they related? *Progress in Human Geography* 24:347.
2. Alexander, D.E., 2013. Resilience and disaster risk reduction: an etymological journey. *Natural Hazards and Earth System Sciences*, 13(11), pp.2707-2716.
3. Biggs, R., Schlüter, M., Biggs, D., Bohensky, E. L., Burnsilver, S., Cundill, G., ... West, P.C., 2012. Toward principles for enhancing the resilience of ecosystem services. *Annual Review of Environment and Resources*, 37, 421-448. DOI: 10.1146/annurev-environ-051211-123836
4. Bousquet, F., A. Botta, L. Alinovi, O. Barreteau, D. Bossio, K. Brown, P. Caron, P. Cury, M. D'Errico, F. DeClerck, H. Dessard, E. Enfors Kautsky, C. Fabricius, C. Folke, L. Fortmann, B. Hubert, D. Magda, R. Mathevet, R. B. Norgaard, A. Quinlan, and C. Staver. 2016. Resilience and development: mobilizing for transformation. *Ecology and Society* 21(3):40.
<https://doi.org/10.5751/ES-08754-210340>
5. Boyd, E., et al., 2015. Anticipatory Governance for SES Resilience. *Ambio* 44 (S149-S161).
6. Boyd, E., Osbahr, H., Ericksen, P. et al., 2008. Resilience and 'Climatizing' Development: Examples and policy implications. *Development* 51: 390.
doi:10.1057/dev.2008.32
7. Brown, K., 2014. Global environmental change I: A social turn for resilience? *Progress in Human Geography*, 38(1), pp.107-117.
8. Brown, K., and Westaway, E., 2011. "Agency, Capacity, and Resilience to Environmental Change: Lessons from Human Development, Well-Being, and Disasters." *Annual Review of Environment and Resources* 36 (1): 321–42. doi:10.1146/annurev-environ-052610-092905.
9. Cote, M., Nightingale., A.J., 2011. Resilience thinking meets social theory. *Progress in Human Geography*. 36 (4), pp. 475–489.
10. Cretney, R., 2014. Resilience for Whom? Emerging Critical Geographies of Socioecological Resilience. *Geography Compass*, 8: 627–640. doi: 10.1111/gec3.12154.

11. Davoudi, S., 2012. Resilience: A bridging concept or a dead end? *Planning Theory and Practice* 13(2): 299–307.
12. Folke, C., 2016. Resilience (Republished). *Ecology and Society*, 21(4).
13. Folke, C., Carpenter, S., Elmqvist, T., Gunderson, L., Holling C.S. & Walker, B., 2002. Resilience and Sustainable Development: Building Adaptive Capacity in a World of Transformations, *AMBIO: A Journal of the Human Environment*, 31:5, 437.
14. Gallopín G.C., 2006. Linkages between vulnerability, resilience and adaptive capacity. *Global Environmental Change*, 16:3, 293–303.
15. Hahn, T., and Nykvist, B., 2017. Are adaptations self-organized, autonomous, and harmonious? Assessing the social–ecological resilience literature. *Ecology and Society* 22(1):12.
<https://doi.org/10.5751/ES-09026-220112>
16. Hornborg, A., 2013. Revelations of resilience: From the ideological disarmament of disaster to the revolutionary implications of (p)anarchy. *Resilience*, 1(2), pp.116-129.
17. Jerneck, A., and Olsson, L., 2008. Adaptation and the poor: development, resilience and transition. *Climate Policy*, 8(2), pp.170-182.
18. Lade, S. J., Haider, J.L., Engström, G., Schluter, M., 2017. Resilience offers escape from trapped thinking on poverty alleviation. *Science Advances*, 3(5), DOI: 10.1126/sciadv.1603043
19. Olsson, L., Jerneck, A., Thoren, H., Persson, J. and O’Byrne, D., 2015. Why resilience is unappealing to social science: Theoretical and empirical investigations of the scientific use of resilience. *Science advances*, 1(4), p.e1400217.
20. Miller, F., Osbahr, H., Boyd, E., Thomalla, F., Bharwani, S., Ziervogel, G., Walker, B., Birkmann, J., Van der Leeuw, S., Rockström, J., Hinkel, J., Downing, T., Folke, C., and Nelson, D. 2010. Resilience and vulnerability: complementary or conflicting concepts? *Ecology and Society* 15(3): [online] URL: <http://www.ecologyandsociety.org/vol15/iss3/artZZ/>
21. Stone-Jovicich, S., 2015. Probing the interfaces between the social sciences and social-ecological resilience: insights from integrative and hybrid perspectives in the social sciences. *Ecology and Society*, 20(2), p.25.
22. Sudmeier-Rieux, K.I., 2014. Resilience—an emerging paradigm of danger or of hope? *Disaster Prevention and Management*, 23(1), pp.67-80.
23. Tanner, T., Lewis, D., Wrathall, D., Bronen, R., Cradock-Henry, N., Huq, S., Lawless, C., Nawrotzki, R., Prasad, V., Rahman, M.A. and Alaniz, R., 2015. Livelihood resilience in the face of climate change. *Nature Climate Change*, 5(1), pp.23-26.
24. Weichselgartner J., and Kelman, I. 2014. Geographies of resilience: Challenges and opportunities of a descriptive concept. *Progress in Human Geography* 1-19.
25. Walker, B, Holling, C.S., Carpenter, S.R. & Kinzig, A. 2004. Resilience, Adaptability and Transformability in Social-ecological Systems, *Ecology and Society*, 9:2, 5.
26. Walsh-Dilley, M., Wolford, W., & McCarthy, J. 2016. Rights for resilience: food sovereignty, power, and resilience in development practice. *Ecology and Society*, 21(1).
27. Folke, C., Biggs, R., Norström, A., Reyers, B., & Rockström, J. 2016. Social-ecological resilience and biosphere-based sustainability science. *Ecology and Society*, 21(3).

Books

28. Berkes, F & Folke, C (Eds). 1998. *Linking social and ecological systems: management practices and social mechanisms for building resilience*, Cambridge, Cambridge University Press. (Chapter 1 and 16) ISBN: 0521785626

29. **Boyd, E.** and C. Folke (Eds). 2012. *Adapting Institutions: Governance, Complexity and Social Ecological Resilience*. Cambridge: Cambridge University Press. (Chapter 1 and 12) ISBN 9780521897501
30. **Brown, K.**, 2016. *Resilience, development and global change*. Routledge. (Chapter 1-4) ISBN: 9780415663472
31. Walker, B.H. & Salt, D. 2006. *Resilience Thinking: Sustainable Ecosystems and People in a Changing World*, Washington DC, Island Press. (Chapter 1,5 &6). ISBN:9781597260930
32. Agrawal A., 2005. *Environmentality*. Durham, NC: Duke University (Chapter 1 and 7) Press. ISBN: 978-0-8223-3492-7