



**Literature for MESS54, Environmental Studies and
Sustainability Science: Resilience and Sustainable Development
applies from autumn semester 2023**

Literature established by The Board of the Lund University Centre for
Sustainability Studies on 2023-06-22 to apply from 2023-08-28

See appendix.



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Sustainability Studies

**Miljö- och hållbarhetsvetenskap: Resiliens och hållbar utveckling, 7,5
högskolepoäng**

*Environmental Studies and Sustainability Science: Resilience and Sustainable
Development, 7.5 credits*

MESS54 litteraturlista fastställd av LUCSUS styrelse den 13 september 2023 (per
capsulam 22 juni 2023).

Course literature

1. Adger, W.N. (2000). Social and ecological resilience are they related?
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pp.2707-2716. (14 pp.) <https://doi.org/10.5194/nhess-13-2707-2013>
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5. Armstrong McKay, D. I., Staal, A., Abrams, J. F., Winkelmann, R.,
Sakschewski, B., Loriani, S., ... & Lenton, T. M. (2022). Exceeding 1.5 C
global warming could trigger multiple climate tipping points. Science,
377(6611), eabn7950. (10 pp)
<https://www.science.org/doi/pdf/10.1126/science.abn7950>
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vulnerability to climate change. Progress in Human Geography, 44(6),
1172–1184. <https://doi.org/10.1177/0309132519898254>
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 10. 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. (21 pp.) <https://doi.org/10.1146/annurev-environ-051211-123836>
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 12. 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. (15pp.) <https://doi.org/10.5751/ES-08754-210340>
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<https://doi.org/10.1108/DPM-07-2020-0232>
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24. Elmqvist, T., Andersson, E., Frantzeskaki, N., McPhearson, T., Olsson, P., Gaffney, O., Takeuchi, K., Folke, C. (2019). Sustainability and resilience for transformation in the urban century. *Nat Sustain* 2, 267–273. (7pp) <https://doi.org/10.1038/s41893-019-0250-1>
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42. Lade, S., Walker, B., Haider, L. (2020). Resilience as pathway diversity: linking systems, individual, and temporal perspectives on resilience. *Ecology and Society* 25. (14pp) <https://doi.org/10.5751/ES-11760-250319>
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- Building Resilience in Social-Ecological Systems. Stockholm Resilience Centre. (20 pp) (*Popular summary of the book “Principles for Building Resilience: Sustaining ecosystem services in social-ecological systems”, published by Cambridge University Press 2014*)
<https://stockholmresilience.org/download/18.10119fc11455d3c557d6928/1459560241272/SRC+Applying+Resilience+final.pdf>
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 (3pp.) <https://www.nature.com/articles/nclimate2431>
 72. **Walsh-Dilley, M.**, Wolford, W., & McCarthy, J. (2016). Rights for resilience: food sovereignty, power, and resilience in development practice. *Ecology and Society*, 21(1). (9pp)
 73. Weichselgartner J., and Kelman, I. (2014). Geographies of resilience: Challenges and opportunities of a descriptive concept. *Progress in Human Geography* 1-19. (18pp.) <https://doi.org/10.1177/0309132513518834>
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Required reading

Approximately 1100 pages of required reading.

Students will take part of some of the readings through peer teaching (please refer to CANVAS for instructions). In addition to the references listed here, students will read ca 150 pages through articles linked to their course assignment.

Author gender balance

Ratio of female lead authors to male lead authors: of 72 references, approx. **30** have female lead.

Female authors in **yellow**.