Litteraturlista för MESS41, Energi och hållbarhet gällande från och med höstterminen 2021

Litteraturlistan är fastställd av Styrelsen för Lunds universitets centrum för studier av uthållig samhällsutveckling 2021-06-10 att gälla från och med 2021-08-30

Se bilaga.

LUND UNIVERSITY

Lund University Centre for
Sustainability Studies

Energi och hållbarhet, 7,5 högskolepoäng

Energy and Sustainability, 7,5 credits

MESS41 litteraturlista fastställd av LUCSUS styrelse den 10 juni 2021.

Course literature

1. Stephenson, Janet. et al . 2015. The Energy Cultures framework: exploring the role of norms, practices and material culture in shaping energy behaviour in New Zealand and the Pacific. Energy Research & Social Science. 7:117-123 (7 pp)
2. Arvizu, D., T. Bruckner, H. Chum, O. Edenhofer, S. Estefen, A. Faaij, M. Fischedick, G. Hansen, G. Hiriart, O. Hohmeyer, K. G. T. Hollands, J. Huckerby, S. Kadner, Å. Killingtveit, A. Kumar, A. Lewis, O. Lucon, P. Matschoss, L. Maurice, M. Mirza, C. Mitchell, W. Moomaw, J. Moreira, L. J. Nilsson, et al …. (2011) Technical Summary. In IPCC Special Report on Renewable Energy Sources and Climate Change Mitigation [O. Edenhofer, R. Pichs-Madruga, Y. Sokona, K. Seyboth, P. Matschoss, S. Kadner, T. Zwickel, P. Eickemeier, G. Hansen, S. Schlömer, C. von Stechow (eds)], Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA https://www.ipcc.ch/site/assets/uploads/2018/03/Technical-Summary-1.pdf pages 146-158 (14 pp)
3. Bridge, Gavin. Bouzarovski, S., Bradshaw, M., and Eyre., N. (2013). Geographies of energy transition: Space, place and the low-carbon economy. Energy Policy 53: 331-340 (10 pp)
4. Creutzig, Felix, et al.(2016. Beyond Technology: Demand-Side Solutions for Climate Change Mitigation Annual Review of Environment and Resources. 241:173–98 (25 pp)
5. Martiskainen, Mari and Sovacool, B., Lacey-Barnacle, M., Hopkins, D.,.Jenkins, K., Simcock, N., Mattioli, G., Bouzarovski, S. 2021.

New Dimensions of Vulnerability to Energy and Transport Poverty. Joule 5(1): 3-7 (5 pp)

6. Day, Rosie, Walker. G and Simcock, N. (2016) Conceptualizing energy use and energy poverty using a capabilities framework. Energy Policy 93:255-264 (10 pp)
7. Evans, Geoff and Phelan, L. 2016. Transitions to post-carbon society: Linking environmental justice and just transitions discourses. Energy Policy 99: 329-339 (10 pp)
8. Fraune, Cornelia. 2015. Gender matters: Women, renewable energy, and citizen participation in Germany Energy Research & Social Science 7:55–65 (11 pp)
9. Gross, Catherine, 2007. "Community perspectives of wind energy in Australia: The application of a justice and community fairness framework to increase social acceptance," Energy Policy, Elsevier, vol. 35(5), pages 2727-2736 (10 pp)
10. Grubler Arnulf, Nakicenovic N, Pachauri S, Rogner H-H, Smith KR, et al. (2014): Energy Primer. International Institute for Applied Systems Analysis, Laxenburg, Austria, pp. 1-118. International Energy Agency. (118 pp) http://www.iiasa.ac.at/web/home/research/researchPrograms/TransitionstoNewTechnologies/energyprimer/Energy_Primer.pdf
11. Harnesk, David, and Brogaard, S. (2017). Social Dynamics of Renewable Energy—How the European Union's Renewable Energy Directive Triggers Land Pressure in Tanzania. The Journal of Environment & Development, 26(2), 156-185 (30 pp)
12. Healy, Noel and Barry, J. (2017). Politicizing energy justice and energy systems transitions: fossil fuel divestment and a "just transition". Energy Policy 10:451-459 (8 pp)
13. Hiteva, Ralitsa, and Sovacool B. 2017. Harnessing Social Innovation for Energy Justice: A business model perspective, Energy Policy. 107:631-639. (9 pp)
14. Hodboda, Jennifer and, Adger, N. 2014. Integrating social-ecological dynamics and resilience into energy systems research. Energy Research & Social Science 1:226–231.(6 pp)
15. IRENA 2020. Global Renewables Outlook: Energy Transformation 2050. Section summary and chapter 1. Pp. 18-95. https://www.irena.org/-/media/Files/IRENA/Agency/Publication/2020/Apr/IRENA_Global_Renewables_Outlook_2020.pdf (77 pp)
16. Karekezi, Stephen., McDade, S., B. Boardman and J. Kimani, 2012: Chapter 2 - Energy, Poverty and Development. In Global Energy Assessment - Toward a Sustainable Future, Cambridge University Press, Cambridge, UK and New York, NY, USA and the International Institute for Applied Systems Analysis, Laxenburg,

Austria, pp. 151-190 (40 pp) http://www.iiasa.ac.at/web/home/research/Flagship-Projects/Global-Energy-Assessment/Chapter2.en.html

17. Kowsari, Reza and Zerriffi, H 2011. Three dimensional energy profile: a conceptual framework for assessing household energy use. Energy Policy. 39:7505-7517. (13 pp)
18. Magnani, Natalia. 2012. Exploring local sustainability of a green economy in Alpine communities. Mountain Research and Development 32(2):109-116 (8 pp)
19. Martinot, Eric. (2016). Grid Integration of Renewable Energy: Flexibility, Innovation, and Experience. Annual Review of Environment and Resources 41:223-251 (28 pp)
20. Mitra, Subarna and Buluswar, S. 2015. Universal Access to Electricity: Closing the Affordability Gap Annual Review of Environment and Resources 40:261-283 (23 pp)
21. Muttit, Greg and Kartha, Sivan. 2020. Equity, climate justice and fossil fuel extraction: principles for a managed phase out. Climate Policy 20(8):1024-1042 (19 pp)
22. Pittock, Jamie, Hussey, K. and and Dovers, S. (Editors) 2015. Climate, Energy and Water: Managing Trade-Offs, Seizing Opportunities. Chapter 1-7. Cambridge University Press, New-York. (122 pp).
23. Riahi, Keywan, van Vuuren, D. et al. 2017. The Shared Socioeconomic Pathways and their energy, land use, and greenhouse gas emissions implications: An overview. Global Environmental Change. 42: 153-168 (15 pp)
24. Robinius, Martin, Otto, A. Heuser, P. et al. Linking the Power and Transport Sectors—Part 1: The Principle of Sector Coupling. Energies 2017, 10(7): 956. https://doi.org/10.3390/en10070956 (10 pp)
25. Ryan, Sarah. 2014. Rethinking gender and identity in energy studies. Energy research and social science 1:96-105 (10 pp)
26. Scheidel, Arnim., & Sorman, A. H. (2012). Energy transitions and the global land rush: Ultimate drivers and persistent consequences. Global Environmental Change, 22(3), 588-595 (7 pp)
27. Scholten, Daniel (Editor). 2018. The Geopolitics of Renewables. Chapter 1-4. Springer International Publishing. (124 pp). ISBN 978-3-319-67855-9 (124 pp)
28. Seto, Karen, Steven J. D., Mitchell, R.B., Eleanor C. Stokes, E.C., Unruh, G.and Ürge-Vorsatz, D. (2016). Carbon Lock-In: Types, Causes, and Policy Implications. Annual Review of Environment and Resources, 41:425-452 (26 pp)

29. Setyowati, Abidah. 2021. Mitigating inequality with emissions? Exploring energy justice and financing transitions to low carbon energy in Indonesia. Energy Research and Social Science. 71: 101817 (10 pp)
30. Sorrell, Steve. (2015). Reducing energy demand: A review of issues, challenges and approaches Renewable and Sustainable. Energy Reviews 47:74-82 (11 pp)
31. Sovacool, Benjamin, and Dworkin, M. H. (2015). Energy justice: Conceptual insights and practical applications. Applied Energy, 142, 435-444 (12 pp)
32. Sovacool, Benjamin. 2016. How long will it take? Conceptualizing the temporal dynamics of energy transitions. Energy Research and Social Sciences 13:202-215 (14 pp)
33. Stephens, Jennie, Burke, M., Jordi, E., Watts, R. (2018). Operationalizing Energy Democracy: Challenges and Opportunities in Vermont's Renewable Energy Transformation. Frontiers in Communications. https://www.frontiersin.org/articles/10.3389/fcomm.2018.00043/full (10 pp)
34. Vaughan, N. E., & Gough, C. (2016). Expert assessment concludes negative emissions scenarios may not deliver. Environmental Research Letters, 11(9) (9 pp)
35. Wiese, Katharina 2020. Energy 4 all? Investigating gendered energy justice implications of community-based micro-hydropower cooperatives in Ethiopia. Innovation: The European Journal of Social Science Research, 33(2) 194-217 (24 pp)
36. Yenneti, Komali, Day, R. and Gollubchikov, O. 2016. Spatial justice and the land politics of renewables. Charnaka solar park. Gujarat, India. Geoforum 76:90-99. (10 pp)

Required reading

Total number of pages: 852.

The deviation from the recommended (1250) number of pages is motivated by: Some literature consists of journal articles. These are heavier in content. Additional literature is required for their own work in paper writing.

Author gender balance

A number of the readings have women as first authors and those have been underlined. Total number of female authors have not been counted – only first author. We strive to achieve an even better gender balance over time in the course.