Literature for MIDA24, Development Studies: Sustainable Development and Natural Resource Management applies from spring semester 2022

Literature established by Steering committee for the Master of Science Programme in International Development and Management on 2021-12-09 to apply from 2022-01-17

See appendix.

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Literature for MIDA24, Sustainable Development and Natural Resources applies from spring semester 2022

Literature established by the Steering committee for the Master of Science Programme in International Development and Management on 2022-12-09 to apply from 2022-01-17

Intro: Sustainability and SDG's (MN)

1. Barbier, Edward B., & Joanne C. Burgess. "Economics of the SDGs." *Springer Books* (2021). Chapter 1 (pp3-13), Chapter 2 (pp15-37) and Chapter 9 (pp175-198) (55 pages)
2. Kates, R. W. (2011). "What Kind of a Science is Sustainability Science?", *Proceedings of the National Academy of Sciences*, 108(49): 19449-19450 (2 pages)
3. Spangenberg, J. H. (2017). "Hot Air or Comprehensive Progress? A Critical Assessment of the SDGs", *Sustainable Development*, 25(4): 311-321. (11 pages)
4. Scoones, I. (2016). The Politics of Sustainability and Development. *Annual Review of Environment and Resources, 41*, 293-319. (27 pages)

Optional

- Clark, W. C., & Harley, A. G. (2020). Sustainability Science: Toward a Synthesis. *Annual Review of Environment and Resources*, 45, 331-386. (55 pages)
- Fukuda-Parr, S. (2016). From the Millennium Development Goals to the Sustainable Development Goals: Shifts in Purpose, Concept, and Politics of Global Goal Setting for Development. *Gender & Development*, 24(1), 43-52. (10 pages)
- Scharlemann, J. P., Brock, R. C., Balfour, N., Brown, C., Burgess, N. D., Guth, M. K., ... & Kapos, V. (2020). Towards Understanding Interactions between Sustainable

Development Goals: The Role of Environment–human linkages. *Sustainability science*, 15(6), 1573-1584. (11 pages)

Natural resources and life system support (LO)

5. Falcone, D. (2015). Energy Security and the Oil Curse: An Interview With Michael T. Klare (internet only): https://truthout.org/articles/energy-security-and-the-oil-curseaninterview-with-michael-t-klare/ (9 pages)
6. Venables, A. J. (2016). Using natural resources for development: why has it proven so difficult? The Journal of Economic Perspectives 30(1): 161-183. (20 pages)
7. Siyobi, B. (2021). Stranded Assets: The Nexus Between Extractives, Climate, & the Circular Economy within the African Extractives Sectors. (14 pages)

Natural resources and climate change (LO)

8. Höhne, N., Gidden, M. J., den Elzen, M., Hans, F., Fyson, C., Geiges, A., ... & Rogelj, J. (2021). Wave of net zero emission targets opens window to meeting the Paris Agreement. *Nature Climate Change,* 11(10), 820-822. (4 pages) 11.9.
9. Olsson, L., Opondo, M., Tschakert, P., Agrawal, A., & Eriksen, S. E. (2014). IPCC AR5 chapter 13 on Livelihoods and Poverty (27 pages): http://www.ipcc.ch/report/ar5/wg2/
10. Lade, S. J., Steffen, W., De Vries, W., Carpenter, S. R., J. F., Gerten, D., ... & Rockström, J. (2020). Human impacts on planetary boundaries amplified by Earth system interactions. *Nature Sustainability*, 3(2), 119-128. (10 pages)

Optional

- IPCC. (2018). 'Technical Summary of IPCC Special Report on 1.5 Degrees': https:// www.ipcc.ch/sr15/

Social and ecological systems (LO)

11. Bodin, Ö. (2017). Collaborative environmental governance: achieving collective action in social-ecological systems. *Science,* 357(6352). (9 pages)
12. Folke, C. (2006). Resilience: The emergence of a perspective for social–ecological systems analyses. *Global environmental change*, 16(3), 253-267. (14 pages)

13. Ostrom, E. (2009). A general framework for analyzing sustainability of socialecological systems. *Science*, 325(5939), 419-422. (3 pages)
14. Partelow, S. (2018). A review of the social-ecological systems framework. *Ecology and Society*, 23(4). (25 pages)
15. Olsson, L., & Jerneck, A. (2018). Social fields and natural systems. *Ecology and Society,* 23(3). (18 pages)

Optional

- Cote, M. & Nightingale, A. J. (2012). "Resilience thinking meets social theory: situating social change in socio-ecological systems (SES) research." *Progress in human geography* 36.4: 475-489.
- Olsson, L., Jerneck, A., Thoren, H., Persson, J., & 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), e1400217.

A political ecology perspective (IMH)

16. Robbins, P. Political ecology: A critical introduction. Vol. 16. John Wiley & Sons, 2011. Chapter 1 (14 pages) Available online: http://ludwig.lub.lu.se/login?url=https://ebookcentral.proquest.com/lib/lund/detai l.actio n?docID=822568
17. Svarstad, H., T.A. Benjaminsen and R. Overå (2018) 'Power theories in political ecology'. *Journal of Political Ecology* 25(1): 350–63. (14 pages)
18. Ojeda, D. (2012) 'Green Pretexts: Ecotourism, Neoliberal Conservation and Land Grabbing in Tayro ona National Natural Park, Colombia'. *Journal of Peasant Studies* 39(2): 357–75. (20 pages)

Optional

- Fairhead, J., Leach, M. & Scoones, I. (2012). Green Grabbing: a new appropriation of nature? *The Journal of Peasant Studies*, 39(2),237-261 (26 pages)
- Robbins, P. (2015) 'The trickster science'. In: Perreault, T., G. Bridge and J. McCarthy (eds) *Routledge Handbook of Political Ecology*. London and New York, pp. 89–101. (13 pages)
- Walker, G. (2009). Beyond Distribution and Proximity: Exploring the Multiple

Spatialities of Environmental Justice. Antipode, 41(4), 614-636. (23 pages)

(Water) Governance, decentralization and participation: Critical insights (MN)

19. Andersson, K. P., & Ostrom, E. (2008). Analyzing decentralized resource regimes from a polycentric perspective. *Policy sciences,* 41(1), 71-93. (22 pages)
20. Bakker, K., Kooy, M., Shofiani, N. E., & Martijn, E. J. (2008). Governance failure: rethinking the institutional dimensions of urban water supply to poor households. *World Development,* 36(10), 1891-1915. (15 pages) 23.
21. Swyngedouw, E. (2005). Governance innovation and the citizen: The Janus face of governance-beyond-the-state. Urban studies, 42(11), 1991-2006. (16 pages)

Optional

- Nastar, M., Abbas, S., Aponte Rivero, C., Jenkins, S., & Kooy, M. (2018). The emancipatory promise of participatory water governance for the urban poor: Reflections on the transition management approach in the cities of Dodowa, Ghana and Arusha, Tanzania. African Studies, 77(4), 504-525.
- Ribot, J. C., Lund, J. F., & Treue, T. (2010). Democratic decentralization in subSaharan Africa: its contribution to forest management, livelihoods, and enfranchisement. Environmental Conservation, 37(1), 35-44.

DPSIR (SB)

22. Andersson, E., Brogaard, S. and Olsson, L. (2011). The Political Ecology of Land Degradation. Annual Reviews Environment and Resources 36, 295-319. (16 pages)
23. Ecologic Institute and SERI (2010). Establishing Environmental Sustainability Thresholds and Indicators. Final report to the European Commission's DG Environment, November 2010. (130 pages) http://ec.europa.eu/environment/enveco/waste/pdf/thresholds_final_report.pdf 26.
24. Gari,. S.R., Newton A, Icely, J. 2015. A review of the application and evolution of the DPSIR framework with an emphasis on coastal social-ecological systems. Ocean and Costal management 103: 63-77 (15 pages)
25. Kristensen, P. (2004). The DPSIR Framework. Paper presented at the 27-29 September 2004 workshop on a comprehensive / detailed assessment of the

vulnerability of water resources to environmental change in Africa using river basin approach. UNEP Headquarters, Nairobi, Kenya. (10 pages)

Renewable Energy (SB)

26. Abidah B.Setyowati. 2021. Mitigating inequality with emissions? Exploring energy justice and financing transitions to low carbon energy in Indonesia. Energy Research & Social Science, Volume 71, (10 pages)
27. Harnesk, D., & 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. (23 pages)
28. González-Eguino, M. (2015). Energy poverty: An overview. Renewable and Sustainable Energy Reviews 47: 377–385 (8 pages)
29. Muttitt, G. and Kartha, S. (2020) Equity, climate justice and fossil fuel extraction: principles for a managed phase out. Climate Policy 20(8)1024-1042 (18 pages)
30. Owusu, P.A. and Asumadu-Sarkodie, S. (2016). A review of renewable energy sources, sustainability issues and climate change mitigation. Cogent Engineering 3: 1167990. (14 pages)
31. Sovacool, B. K., & Dworkin, M. H. (2015). Energy justice: Conceptual insights and practical applications. Applied Energy, 142, 435-444. (9 pages)

Optional

- Wiese, K, (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)

Biodiversity (TK)

32. Haddad, N. M., Brudvig, L. A., Clobert, J., Davies, K. F., Gonzalez, A., Holt, R. D., ... & Cook, W. M.., Krause, T., & Tilker, A. (2021). How the loss of forest fauna undermines the achievement of the SDGs. Ambio. (11 pages)
33. Booth, H., Clark, M., Milner-Gulland, E. J., Amponsah-Mensah, K., Antunes, A. P., Brittain, S., Castilho, L. C., Campos-Silva, J. V., Constantino, P. d. A. L., Li, Y., Mandoloma, L., Nneji, L. M., Iponga, D. M., Moyo, B., McNamara, J., Rakotonarivo, O. S., Shi, J., Tagne, C. T. K., van Velden, J., & Williams, D. R. (2021). Investigating

the risks of removing wild meat from global food systems. Current Biology, 31(8), 1788-1797.e1783. (10 pages)

34. Blicharska, M., Smithers, R.J., Mikusiński, G. et al. (2019) Biodiversity's contributions to sustainable development. Nat Sustain. doi:10.1038/s41893-019-0417-9 (11 pages)
35. Delabre, I., E. Boyd, M. Brockhaus, W. Carton, T. Krause, P. Newell, G. Y. Wong and F. Zelli (2020). "Unearthing the myths of global sustainable forest governance." *Global Sustainability* 3: e16. (10 pages)

Agriculture (AÅ)

36. Foley, J.A., Ramankutty, N., Brauman, K.A. et al.(2011). Solutions for a cultivated planet. *Nature,* 478(7369), 337. (5 pages)
37. Neufeldt, H., Jahn, M., Campbell, B.M. et al. (2013) Beyond climate-smart agriculture: toward safe operating spaces for global food systems. *Agriculture & Food Security 2013*, 2:12 https://doi.org/10.1186/2048-7010-2-12 (6 pages)
38. Tomich, T.P., Brodt, S., Ferris, H., Galt, R., Horwath, W.R., Kebreab, E., Leveau, J.H., Liptzin, D., Lubell, M., Merel, P. and Michelmore, R., (2011). Agroecology: a review from a global-change perspective. *Annual Review of Environment and Resources*, 36, pp.193-222. (22 pages) https://doi.org/10.1146/annurev-environ-012110-121302
39. Wezel, A., Bellon, S., Doré, T., Francis, C., Vallod, D., & David, C. (2009). Agroecology as a science, a movement and a practice. A review. *Agronomy for sustainable development*, 29(4), 503-515. (13 pages)

Optional

- Sustainable Development Report 2020, United Nations (Selected chapters in connection to the pandemic) https://unstats.un.org/sdgs/report/2020/TheSustainable-Development-Goals-Report2020.pdf

Sustainable resource use? The case of manual sand extraction (IMH)

40. Bendixen, M., L.L. Iversen, J. Best, et al. (2021) 'Sand, gravel, and UN Sustainable Development Goals: Conflicts, synergies, and pathways forward'. One Earth 4(8). Elsevier Inc.: 1095–111. (17 pages)

41. Lahiri-Dutt, K. (2004) 'Informality in mineral resource management in Asia: Raising questions relating to community economies and sustainable development'. Natural Resources Forum 28(2): 123–32. (10 pages)
42. Kothari, A., A. Salleh, A. Escobar, et al. (2019) 'Introduction: Finding Pluriversal Paths'. In: Kothari, A., A. Salleh, A. Escobar, et al. (eds) Pluriverse. A PostDevelopment Dictionary. Tulika Books, Authors Upfront. (21 pages). Available online: https://vikalpsangam.org/wpcontent/uploads/migrate/Resources/pluriverse_book_introduction.pdf

Optional

- Peduzzi, P. (2014) 'Sand, Rarer Than One Thinks'. Environmental Development 11: 208– 18. (11 pages)

National projects in practice: Insights from UNDP (NR)

43. Buck, M., & Hamilton, C. (2011). The Nagoya Protocol on access to genetic resources and the fair and equitable sharing of benefits arising from their utilization to the Convention on Biological Diversity. *Review of European Community & International Environmental Law*, 20(1), 47-61. (15 pages)
44. Gupta, A., Lövbrand, E., Turnhout, E., & Vijge, M. J. (2012). In pursuit of carbon accountability: The politics of REDD+ measuring, reporting and verification systems. *Current Opinion in Environmental Sustainability,* 4(6), 726–731. (6 pages)
45. Mikulewicz, M. (2019). Thwarting adaptation's potential? A critique of resilience and climate-resilient development. *Geoforum,* 104, 267–282. (15 pages) https://doi.org/10.1016/j.geoforum.2019.05.010

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