Literature for MESS52, Sustainability and Global Health applies from the autumn semester 2024

Literature established by The Board of the Lund University Centre for Sustainability Studies on 2024-05-31 to apply from 2024-05-31

See appendix.

LUND UNIVERSITY

Lund University Centre for
Sustainability Studies

Hållbarhet och global hälsa, 7,5 högskolepoäng

Sustainability and Global Health, 7,5 credits

MESS52 litteraturlista fastställd av LUCSUS styrelse den 31 maj 2024.

Course literature

1. Andeobu, L., Wibowo, S., & Grandhi, S. (2021). A Systematic Review of E-Waste Generation and Environmental Management of Asia Pacific Countries. Environmental Research and Public Health, 18(9051), 1–18. https:// doi.org/10.3390/ijerph18179051. **18 pages**
2. Alda-Vidal, C., & Browne, A. L. (2021). Absorbents, practices, and infrastructures: Changing socio-material landscapes of menstrual waste in Lilongwe, Malawi. *Social & Cultural Geography*, 1-21. **21 pages**
3. Alugnoa, D. N., Cousins, T., & Sato, M. (2022). Period poverty and menstrual belonging: a matter of climate justice. *The Lancet Planetary Health*, *6*(7), e551-e552. **2 pages**
4. Amuzu, D. (2018). Environmental injustice of informal e-waste recycling in Agbogbloshie-Accra: urban political ecology perspective. *Local Environment*, *23*(6), 603-618. **15 pages**
5. Andersson, E., 2014: Turning waste into value: using human urine to enrich soils for sustainable food production in Uganda. *Journal of Cleaner Production, 96, 290-298.* **9 pages**
6. Andersson, K., Dickin, S., & Rosemarin, A. (2016). Towards "Sustainable" Sanitation: Challenges and Opportunities in Urban Areas. *Sustainability*, *8*(12), 1289. **14 pages**
7. Balaram, V. (2019). Rare earth elements: A review of applications, occurrence, exploration, analysis, recycling, and environmental impact. *Geoscience Frontiers*, *10*(4), 1285-1303. **18 pages**

8. Beksinska, M. E., Smit, J., Greener, R., Todd, C. S., Lee, M. L. T., Maphumulo, V., & Hoffmann, V. (2015). Acceptability and performance of the menstrual cup in South Africa: a randomized crossover trial comparing the menstrual cup to tampons or sanitary pads. *Journal of Women's Health*, *24*(2), 151-158. **9 pages**
9. Berry, H. L., Waite, T. D., Dear, K. B. G., Capon, A. G., & Murray, V. (2018). The case for systems thinking about climate change and mental health. Nature Climate Change, 8(4), 282–290. https://doi.org/10.1038/s41558-018-0102-4 F. **9 pages**
10. Chan, J. (2013). A suicide survivor: the life of a Chinese worker. *New Technology, Work and Employment*, *28*(2), 84-99. **15 pages**
11. Clark, M. A., Springmann, M., Hill, J., & Tilman, D. (2019). Multiple health and environmental impacts of foods. *Proceedings of the National Academy of Sciences*, *116*(46), 23357-23362. **6 pages**
12. Clayton, S. (2020). Climate anxiety: Psychological responses to climate change. *Journal of Anxiety Disorders, 74*. 102263. **7 pages**
13. Cordella, M., Alfieri, F., & Sanfelix, J. (2021). Reducing the carbon footprint of ICT products through material efficiency strategies: A life cycle analysis of smartphones. *Journal of Industrial Ecology*, *25*(2), 448-464. **16 pages**
14. Cunsolo, A., Harper, S. L., Minor, K., Hayes, K., Williams, K. G., & Howard, C. (2020). Ecological grief and anxiety: the start of a healthy response to climate change? *The Lancet Planetary Health, 4*(7), e261-e263. **3 pages**
15. Dávila, M. L., Milios, L., Richter, J. L., & Dalhammar, C. (2021, September). Behavioural Insights into Personal Electronics Repair in Sweden. In *20th European Roundtable on Sustainable Consumption and Production* (pp. 321-343). Verlag der Technischen Universität Graz. **22 pages**
16. Dellstrom Rosenquist, L. E. (2005). A psycho-social analysis of the human-sanitation nexus. Journal of Environmental psychology, 25, 335-346. **12 pages**
17. Dooley, L., Sheats, J., Hamilton, O., Chapman, D. & Karlin, B. (2021). Climate Change and Youth Mental Health: Psychological Impacts, Resilience Resources, and Future Directions. Los Angeles, CA: See Change Institute. (Pages 12-33) **21 pages**
18. Drewnowski, Adam, et al. (2015) "Energy and nutrient density of foods in relation to their carbon footprint." The American journal of clinical nutrition 101.1: 184-191. **8 pages**
19. El Chami, D., Daccache, A., & El Moujabber, M. (2020). What are the impacts of sugarcane production on ecosystem services and human well-being? A review. Annals of Agricultural Science, 65(2), 188–199. https://doi.org/10.1016/j.aoas.2020.10.001. **12 pages**

20. Fresán, U., & Sabaté, J. (2019). Vegetarian diets: planetary health and its alignment with human health. Advances in nutrition, 10(Supplement_4), S380-S388. **9 pages**
21. Haucke, F. V. (2017). Smartphone-enabled social change: Evidence from the Fairphone case?. Journal of Cleaner Production. 1719-1730. **21 pages**
22. Hawkes, C. (2006). Uneven dietary development: linking thepolicies and processes of globalization with the nutrition transition, obesity and diet-related chronic diseases. Globalization and health, 2(1), 4. **18 pages**
23. Hayes, K., Blashki, G., Wiseman, J., Burke, S., & Reifels, L. (2018). Climate change and mental health: risks, impacts and priority actions. International Journal of Mental Health Systems, 12. doi:10.1186/s13033-018-0210-6. **12 pages**
24. Hickman, C., Marks, E., Pihkala, P., Clayton, S., Lewandowski, R. E., Mayall, E. E., ... & van Susteren, L. (2021). Climate anxiety in children and young people and their beliefs about government responses to climate change: a global survey. The Lancet Planetary Health, 5(12), e863-e873. **10 pages**
25. Howard, G., Calow, R., Macdonald, A., & Bartram, J. (2016). Climate change and water and sanitation: likely impacts and emerging trends for action. Annual review of environment and resources, 41, 253-276. **23 pages**
26. Ishii, S., Katagiri, R., Kataoka, T., Wada, M., Imai, S., & Yamasaki, K. (2014). Risk assessment study of dioxins in sanitary napkins produced in Japan. *Regulatory Toxicology and Pharmacology*, *70*(1), 357-362. **6 pages**
27. Jewitt, S. (2011). Geographies of shit. Spatial and temporal variations in attitudes towards human waste. Progress in Human Geography, 35(5), 608-626. **18 pages**
28. Jowitt, S. M., Werner, T. T., Weng, Z., & Mudd, G. M. (2018). Recycling of the rare earth elements. Current Opinion in Green and Sustainable Chemistry, 13, 1-7. **7 pages**
29. Khorsand, P., Dada, S., Jung, L., Law, S., Patil, P., Wangari, M. C., ... & Van Daalen, K. (2023). A planetary health perspective on menstruation: menstrual equity and climate action. *The Lancet Planetary Health*, *7*(5), e347-e349. **3 pages**
30. Lawrance, E., Thompson, R., Fontana, G., & Jennings, N. (2021). The impact of climate change on mental health and emotional wellbeing: current evidence and implications for policy and practice. *Grantham Institute briefing paper*, *36*. **36 pages**
31. Lebel, S. (2015) "Fast machines, slow violence: ICTs, planned obsolescence, and e-waste." Globalizations (2015): 1-10. **10 pages**

32. Lane, H. M., Morello-Frosch, R., Marshall, J. D., & Apte, J. S. (2022). Historical Redlining Is Associated with Present-Day Air Pollution Disparities in U.S. Cities .Environmental Science &Technology Letters, 9(4), 345–350. https://doi.org/10.1021/acs.estlett.1c01012. **6 pages**

33. Lin, S., Ali, M. U., Zheng, C., Cai, Z., & Wong, M. H. (2022). Toxic chemicals from uncontrolled e-waste recycling: Exposure, body burden, health impact. Journal of Hazardous Materials, 426, 1–12. https://doi.org/10.1016/j.jhazmat.2021.127792. **12 pages**

34. Lustig, R.H., Schmidt, L.A and Claire D. Brindis (2012): "The toxic truth about sugar." Nature 482, p.2. **2 pages**

35. Mallory, A., Holm, R., & Parker, A. (2020). A Review of the Financial Value of Faecal Sludge Reuse in Low-Income Countries. Sustainability, 12(20), 8334. **10 pages**

36. Meierrieks, D. (2021). Weather shocks, climate change and human health. World Development, 138, 105228. **12 pages**

37. Morand, S. and C. Lajaunie (2021). "Outbreaks of Vector-Borne and Zoonotic Diseases Are Associated With Changes in Forest Cover and Oil Palm Expansion at Global Scale." Frontiers in Veterinary Science 8(230). **11 pages**

38. Nallari, A. (2015). "All we want are toilets inside our homes!" The critical role of sanitation in the lives of urban poor adolescent girls in Bengaluru, India. Environment and Urbanization, 27(1), 73-88. **15 pages**

39. Kil, N., Kim, J., McDaniel, J. T., Kim, J., & Kensinger, K. (2021). Examining associations between smartphone use, smartphone addiction, and mental health outcomes: A cross-sectional study of college students. *Health Promotion Perspectives*, *11*(1), 36. **12 pages**

40. Nicholas, K (2021) "Food Shouldn't Come from a Factory: Putting Grandpa George's Turkey out to Pasture." pp. 173-190 in: UNDER THE SKY WE MAKE: How to be Human in a Warming World. Putnam/Penguin Random House. **17 pages**

41. Nkulu, C. B. L., Casas, L., Haufroid, V., De Putter, T., Saenen, N. D., Kayembe-Kitenge, T., ... & Nemery, B. (2018). Sustainability of artisanal mining of cobalt in DR Congo. Nature sustainability, 1(9), 495-504. **9 pages**

42. Ogunbode, C. A., Doran, R., Hanss, D., Ojala, M., Salmela-Aro, K., van den Broek, K. L., ... & Karasu, M. (2022). Climate anxiety, wellbeing and pro-environmental action: correlates of negative emotional responses to climate change in 32 countries. *Journal of Environmental Psychology*, *84*, 101887. **14 pages**

43. Oleson, K. W., Monaghan, A., Wilhelmi, O., Barlage, M., Brunsell, N., Feddema, J., ... & Steinhoff, D. F. (2015). Interactions between

urbanization, heat stress, and climate change. Climatic Change, 129(3-4), 525-541. **16 pages**

44. Oteng-Ababio, M.,Owusu, G., & Chama, M. (2016). Intelligent enterprise: wasting, valuing and re-valuing waste electrical and electronic equipment. The Geographical Journal, 182(3), 265-275. **10 pages**
45. Pihkala, P. (2022). The process of eco-anxiety and ecological grief: A narrative review and a new proposal. *Sustainability*, *14*(24), 16628. **45 pages**
46. Popkin, Barry M., Linda S. Adair, and Shu Wen Ng. (2012) "Global nutrition transition and the pandemic of obesity in developing countries." Nutrition reviews 70.1: 3-21. **18 pages**
47. Pouri, M. J., & Hilty, L. M. (2018). Conceptualizing the Digital Sharing Economy in the Context of Sustainability. Sustainability, 10(12), 4453F. **12 pages**
48. Rajesh, R., Kanakadhurga, D., & Prabaharan, N. (2022). Electronic waste: A critical assessment on the unimaginable growing pollutant, legislations and environmental impacts. Environmental Challenges, 7, 1–15. https://doi.org/10.1016/j.envc.2022.100507. **15 pages**
49. Rocklöv, J., & Dubrow, R. (2020). Climate change: an enduring challenge for vector-borne disease prevention and control. Nature Immunology, 21(5), 479-483. **5 pages**
50. Romanello, M et al. The 2022 report of the Lancet Countdown on health and climate change: health at the mercy of fossil fuels. The Lancet, Volume 400, Issue 10363, 1619 – 1654. **35 pages**
51. Rowland, D., A. M. Y. Ickowitz, B. Powell, R. Nasi and T. Sunderland (2017). "Forest foods and healthy diets: quantifying the contributions." Environmental Conservation 44(2): 102-114. **12 pages**
52. Sarti, F. M., C. Adams, C. Morsello, N. van Vliet, T. Schor, B. Yag¸e, L. Tellez, M. P. Quiceno-Mesa and D. Cruz (2015). "Beyond protein intake: bushmeat as source of micronutrients in the Amazon." Ecology and Society 20(4). **10 pages**
53. Scarborough, P., Clark, M., Cobiac, L., Papier, K., Knuppel, A., Lynch, J., ... & Springmann, M. (2023). Vegans, vegetarians, fish-eaters and meat-eaters in the UK show discrepant environmental impacts. *Nature Food*, *4*(7), 565-574. **9 pages**
54. Schmidt, L., Mialon, M., Kearns, C., & Crosbie, E. (2020). Transnational corporations, obesity and planetary health. The Lancet. Planetary Health, 4(7), e266–e267. https://doi.org/10.1016/S2542-5196(20)30146-7. **2 pages**
55. Seferidi, P., Scrinis, G., Huybrechts, I., Woods, J., Vineis, P., & Millett, C. (2020). The neglected environmental impacts of ultra-

processed foods. The Lancet Planetary Health, 4(10), e437-e438. **2 pages**

56. Seleman, A., Gabrielsson, S., Mbwette, T. S., & Kimwaga, R. (2020). Drivers of unhygienic desludging practices in unplanned settlements of Dar es Salaam, Tanzania. Journal of Water, Sanitation and Hygiene for Development, 10(3), 512-526. **14 pages**
57. Sharma Waddington, H., Masset, E., Bick, S., & Cairncross, S. (2023). Impact on childhood mortality of interventions to improve drinking water, sanitation, and hygiene (WASH) to households: Systematic review and meta-analysis. Plos Medicine, 20(4), e1004215. **21 pages**
58. Singh, J. The Sustainability Potential of Upcycling. *Sustainability* **2022**,*14*, 5989. https://doi.org/ 10.3390/su14105989. **14 pages**
59. Sovacool, B. K. (2019). The precarious political economy of cobalt: Balancing prosperity, poverty, and brutality in artisanal and industrial mining in the Democratic Republic of the Congo. The Extractive Industries and Society, 6(3), 915-939. **24 pages**
60. Springmann, M., Wiebe, K., Mason-D'Croz, D., Sulser, T. B., Rayner, M., & Scarborough, P. (2018). Health and nutritional aspects of sustainable diet strategies and their association with environmental impacts: a global modelling analysis with country-level detail. The Lancet Planetary Health, 2(10), e451-e461. **10 pages**
61. Springmann, M., Clark, M. A., Rayner, M., Scarborough, P., & Webb, P. (2021). The global and regional costs of healthy and sustainable dietary patterns: a modelling study. *The Lancet Planetary Health*, *5*(11), e797-e807. **10 pages**
62. Swope, C. B., Hernández, D., & Cushing, L. J. (2022). The relationship of historical redlining with present-day neighborhood environmental and health outcomes: a scoping review and conceptual model. Journal of Urban Health, 99(6), 959-983. **24 pages**
63. Tuomisto, H. L. (2019). The complexity of sustainable diets. Nature ecology & evolution, 3(5), 720-721. **2 pages**
64. Vohra, K., Vodonos, A., Schwartz, J., Marais, E. A., Sulprizio, M. P., & Mickley, L. J. (2021). Global mortality from outdoor fine particle pollution generated by fossil fuel combustion: Results from GEOS-Chem. Environmental Research, 195, 110754. **8 pages**
65. Whitmarsh, L., Player, L., Jiongco, A., James, M., Williams, M., Marks, E., & Kennedy-Williams, P. (2022). Climate anxiety: What predicts it and how is it related to climate action? Journal of Environmental Psychology, 101866. **10 pages**
66. Wullenkord, M. C., Johansson, M., Loy, L. S., Menzel, C., & Reese, G. (2024). Go out or stress out? Exploring nature

connectedness and cumulative stressors as resilience and vulnerability factors in different manifestations of climate anxiety. *Journal of Environmental Psychology*, *95*, 102278. **12 pages**

67. Wullenkord, M. C., & Ojala, M. (2023). Climate-change worry among two cohorts of late adolescents: Exploring macro and micro worries, coping, and relations to climate engagement, pessimism, and well-being. *Journal of Environmental Psychology*, *90*, 102093. **12 pages**

Required reading

Total number of pages: 863 pages

Please note that the readings for this course are predominately peer-reviewed articles because the course is focusing on emerging trends and debates within four major themes in global health and sustainability. This requires a lot of case study readings and research articles from journals that include medical data and theory of a higher academic complexity, so this is why the total number of pages deviate from the guidelines given by the Faculty of Social Science at LU. Moreover, students will also be required to search for, read and cite additional peer-reviewed articles to fulfil the requirements for the course assignments: a group poster and a an individual paper.

Author gender balance

Female first authorship ratio: 49/51 (33 female, 34 male).

Female authors are highlighted in yellow.