



Literature for MESS52, Sustainability and Global Health applies from the autumn semester 2025

**Literature established by The Board of the Lund University Centre for
Sustainability Studies on 2025-06-04 to apply from 2025-06-04**

See appendix.



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Sustainability Studies

Hållbarhet och global hälsa, 7,5 högskolepoäng

Sustainability and Global Health, 7.5 credits

MESS52 litteraturlista fastställd av LUCSUS styrelse den 4 juni 2025.

Course literature

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

Andrade, M. A. U. de, Watson, J. E. M., & Maxwell, S. L. (2020). Unveiling the environmental benefits of reducing sugar. *The Lancet Planetary Health*, 4(11), e497–e498. [https://doi.org/10.1016/S2542-5196\(20\)30226-6](https://doi.org/10.1016/S2542-5196(20)30226-6). 2 pages

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

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

Amuzu, D. (2018). Environmental injustice of informal e-waste recycling in Agbogboshie-Accra: urban political ecology perspective. *Local Environment*, 23(6), 603-618. 15 pages

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

- Andersson, K., Dickin, S., & Rosemarin, A. (2016). Towards “Sustainable” Sanitation: Challenges and Opportunities in Urban Areas. *Sustainability*, 8(12), 1289. 14 pages
- 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
- 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
- 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
- Caretta, M. A., & Gabrielsson, S. (2025). Climate change-induced water insecurity and global health: a focus on women, water, sanitation and hygiene (WaSH), and the remaining gaps towards sustainable development. In *The Intersection of Global Health and Sustainable Development* (pp. 115-128). Edward Elgar Publishing. 13 pages
- Chan, J. (2013). A suicide survivor: the life of a Chinese worker. *New Technology, Work and Employment*, 28(2), 84-99. 15 pages
- 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
- Clayton, S. (2020). Climate anxiety: Psychological responses to climate change. *Journal of Anxiety Disorders*, 74. 102263. 7 pages
- 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
- 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
- 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

Dellstrom Rosenquist, L. E. (2005). A psycho-social analysis of the human-sanitation nexus. *Journal of Environmental psychology*, 25, 335-346. 12 pages

Dickin, S., & Gabrielsson, S. (2023). Inequalities in water, sanitation and hygiene: Challenges and opportunities for measurement and monitoring. *Water Security*, 20, 100143.
<https://doi.org/10.1016/j.wasec.2023.100143>. 10 pages

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.aosas.2020.10.001>. 12 pages

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

Haucke, F. V. (2017). Smartphone-enabled social change: Evidence from the Fairphone case?. *Journal of Cleaner Production*. 1719-1730. 21 pages

Hawkes, C. (2006). Uneven dietary development: linking the policies and processes of globalization with the nutrition transition, obesity and diet-related chronic diseases. *Globalization and health*, 2(1), 4. 18 pages

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

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

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

Kesse-Guyot, E., Allès, B., Brunin, J., Fouillet, H., Dussiot, A., Berthy, F., Perraud, E., Hercberg, S., Julia, C., Mariotti, F., Deschasaux-Tanguy, M., Srour, B., Lairon, D., Pointereau, P., Baudry, J., & Touvier, M. (2023). Environmental impacts along the value chain from the consumption of ultra-processed foods. *Nature Sustainability*, 6(2), 192–202.
<https://doi.org/10.1038/s41893-022-01013-4>. 10 pages

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

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

Lebel, S. (2015) "Fast machines, slow violence: ICTs, planned obsolescence, and e-waste." *Globalizations* (2015): 1-10. 10 pages

Leite, F. H. M., Khandpur, N., Andrade, G. C., Anastasiou, K., Baker, P., Lawrence, M., & Monteiro, C. A. (2022). Ultra-processed foods should be central to global food systems dialogue and action on biodiversity. *BMJ Global Health*, 7(3), e008269. <https://doi.org/10.1136/bmjgh-2021-008269>. 4 pages

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

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

Machado, E., P., Zinöcker, M., Baker, P., & Lawrence, M. (2020). Ultra-Processed Foods and Health Outcomes: A Narrative Review. *Nutrients*, 12(7). <https://doi.org/10.3390/nu12071955>. 33 pages

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

Malqvist M, Powell N. (2022) Health, sustainability and transformation: a new narrative for global health. *BMJ Global Health*, (7), e010969. <https://doi.org/10.1136/bmjgh-2022-010969>. 4 pages

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

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

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

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

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

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

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

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

Pihkala, P. (2022). The process of eco-anxiety and ecological grief: A narrative review and a new proposal. *Sustainability*, 14(24), 16628. 45 pages

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

Pouri, M. J., & Hilty, L. M. (2018). Conceptualizing the Digital Sharing Economy in the Context of Sustainability. *Sustainability*, 10(12), 4453F. 12 pages

Rajesh, R., Kanakadhurga, D., & Prabakaran, 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

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

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

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

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

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

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](https://doi.org/10.1016/S2542-5196(20)30146-7). 2 pages

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

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

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

Singh, J. (2022) The Sustainability Potential of Upcycling. *Sustainability*, 14, 5989. <https://doi.org/10.3390/su14105989>. 14 pages

Smith, M. R., & Myers, S. S. (2022). The Environmental Cost of Red Meat: Striking the Right Balance Between Nutrition and Nature. *American Journal of Health Promotion*, 36(5), 895–897. <https://doi.org/10.1177/08901171221088661b>. 3 pages

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

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

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

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

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

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

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

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

Total number of pages

847

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: 34/67 (34 female, 33 male).

Female authors are highlighted in yellow.