

HELMUT HABERL BIBLIOGRAPHY

- Haberl, H., 2006. The global socioeconomic energetic metabolism as a sustainability problem. *Energy* 31, 87–99. <https://doi.org/10.1016/j.energy.2004.04.045>
- Haberl, H., 2001. The Energetic Metabolism of Societies Part I: Accounting Concepts. *Journal of Industrial Ecology* 5, 11–33. <https://doi.org/10.1162/108819801753358481>
- Haberl, H., Erb, K.-H., Krausmann, F., Running, S., Searchinger, T.D., Kolby Smith, W., 2013. Bioenergy: how much can we expect for 2050? *Environmental Research Letters* 8, 031004. <https://doi.org/10.1088/1748-9326/8/3/031004>
- Haberl, H., Fischer-Kowalski, M., Krausmann, F., Weisz, H., Winiwarter, V., 2004. Progress towards sustainability? What the conceptual framework of material and energy flow accounting (MEFA) can offer. *Land Use Policy* 21, 199–213. <https://doi.org/10.1016/j.landusepol.2003.10.013>
- Helmut Haberl, Dominik Wiedenhofer, Karl-Heinz Erb, Christoph Görg, Fridolin Krausmann, 2017. The Material Stock–Flow–Service Nexus: A New Approach for Tackling the Decoupling Conundrum. *Sustainability* 9, 1049. <https://doi.org/10.3390/su9071049>
- Kalt, G., Lauk, C., Haberl, H., Mayer, A., Theurl, M.C., Erb, K.-H., 2019a. Institute of Social Ecology Vienna 16.
- Kalt, G., Lauk, C., Mayer, A., Theurl, M.C., Kaltenegger, K., Winiwarter, W., Erb, K.-H., Matej, S., Haberl, H., 2020. Greenhouse gas implications of mobilizing agricultural biomass for energy: a reassessment of global potentials in 2050 under different food-system pathways. *Environmental Research Letters* 15, 034066. <https://doi.org/10.1088/1748-9326/ab6c2e>
- Kalt, G., Mayer, A., Theurl, M.C., Lauk, C., Erb, K.-H., Kaltenegger, K., Winiwarter, W., Haberl, H., 2019b. A critical appraisal of the global potentials and greenhouse gas implications of agricultural bioenergy 18.
- Kalt, G., Wiedenhofer, D., Görg, C., Haberl, H., 2019c. Conceptualizing energy services: A review of energy and well-being along the Energy Service Cascade. *Energy Research & Social Science* 53, 47–58. <https://doi.org/10.1016/j.erss.2019.02.026>
- Kim, J., Kwon, J., Kim, M., Do, J., Lee, D., Han, H., 2016. Low-dielectric-constant polyimide aerogel composite films with low water uptake. *Polymer Journal* 48, 829–834. <https://doi.org/10.1038/pj.2016.37>
- Krausmann, F., Gingrich, S., Eisenmenger, N., Erb, K.-H., Haberl, H., Fischer-Kowalski, M., 2009. Growth in global materials use, GDP and population during the 20th century. *Ecological Economics* 68, 2696–2705. <https://doi.org/10.1016/j.ecolecon.2009.05.007>
- Krausmann, F., Schaffartzik, A., Mayer, A., Eisenmenger, N., Gingrich, S., Haberl, H., Fischer-Kowalski, M., 2016. Long-Term Trends in Global Material and Energy Use, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology*. Springer International Publishing, Cham, pp. 199–216. https://doi.org/10.1007/978-3-319-33326-7_8
- Krausmann, F., Wiedenhofer, D., Haberl, H., 2020. Growing stocks of buildings, infrastructures and machinery as key challenge for compliance with climate targets. *Global Environmental Change* 61, 102034. <https://doi.org/10.1016/j.gloenvcha.2020.102034>
- Krausmann, F., Wiedenhofer, D., Lauk, C., Haas, W., Tanikawa, H., Fishman, T., Miatto, A., Schandl, H., Haberl, H., 2017. Global socioeconomic material stocks rise 23-fold over the 20th century and require half of annual resource use. *Proceedings of the National Academy of Sciences* 114, 1880–1885. <https://doi.org/10.1073/pnas.1613773114>
- Müller, D., Haberl, H., Bartels, L.E., Baumann, M., Beckert, M., Levers, C., Schierhorn, F., Zscheischler, J., Havlik, P., Hostert, P., Mertz, O., Smith, P., 2016. Competition for Land-Based Ecosystem Services: Trade-Offs and Synergies, in: Niewöhner, J., Bruns, A., Hostert, P., Krueger, T., Nielsen, J.Ø., Haberl, H., Lauk, C., Lutz, J., Müller, D. (Eds.), *Land Use Competition*. Springer International Publishing, Cham, pp. 127–147. https://doi.org/10.1007/978-3-319-33628-2_8
- Otero, I., Farrell, K.N., Pueyo, S., Kallis, G., Kehoe, L., Haberl, H., Plutzar, C., Hobson, P., García-Márquez, J., Rodríguez-Labajos, B., Martín, J., Erb, K., Schindler, S., Nielsen, J., Skorin, T., Settele, J., Essl, F., Gómez-Baggethun, E., Brotons, L., Rabitsch, W., Schneider, F., Pe'er, G., 2020. Biodiversity policy beyond economic growth. *Conservation Letters* 13. <https://doi.org/10.1111/conl.12713>
- Wiedenhofer, D., Smetschka, B., Akenji, L., Jalas, M., Haberl, H., 2018. Household time use, carbon footprints, and urban form: a review of the potential contributions of everyday living to the 1.5 °C climate target. *Current Opinion in Environmental Sustainability* 30, 7–17. <https://doi.org/10.1016/j.cosust.2018.02.007>