

List of key publications

In 2025, our department published around 60 papers in peer-reviewed international journals.

Here we highlight some of our key publications per research theme. You can find a full list of EE's publications [here](#).

Circular economy and resource efficiency

Banerjee, S. (2025). Meat taxes are inevitable, yet we seem to shy away from them. But why? *Food Policy*, 130, 1-2. Article 102787. <https://doi.org/10.1016/j.foodpol.2024.102787>

Bilalova, S., Newig, J., & Villamayor-Tomas, S. (2025). Toward Sustainable Water Governance? Taking Stock of Paradigms, Practices, and Sustainability Outcomes. *Wiley Interdisciplinary Reviews. Water*, 12(1), Article e1762. <https://doi.org/10.1002/wat2.1762>

Diemen, M. V., **Brusselaers, J.**, & Rentrop, C. (2025). Investigating resource productivity: the ecological potential of printed electronics as alternative to PCB. *Environmental Research Communications*, 7(1), 1-15. Article 015035. <https://doi.org/10.1088/2515-7620/ad9f0f>

van Opstal, W., Bocken, N., & **Brusselaers, J.** (2025). Enabling and embedding circularity goals in housing cooperatives. *Resources, Conservation & Recycling Advances*, 27, 1-13. Article 200272. <https://doi.org/10.1016/j.rcradv.2025.200272>

Climate change economics

Duijndam, S. J., **Botzen, W.**, **Hagedoorn, L. C.**, Ton, M., de Bruijn, J., Carretero, S., Dachary-Bernard, J., Rulleau, B., & Aerts, J. C. J. H. (2025). Global determinants of coastal migration under climate change. *Nature Communications*, 16(1), Article 6866. <https://doi.org/10.1038/s41467-025-59199-y>

Endendijk, T., Rodriguez Castro, D., Dillenardt, L., Guntu, R. K., **Botzen, W.**, de Moel, H., Thieken, A. H., Kreibich, H., Dewals, B. J., & Aerts, J. C. J. H. (2025). Flood experience and access to insurance contribute to differences in homeowners' post-disaster adaptation in a cross-border region of Western Europe. *Communications Earth and Environment*, 6(1), 1-9. Article 426. <https://doi.org/10.1038/s43247-025-02385-z>

Estrada, F., **Tol, R. S. J.**, & **Botzen, W.** (2025). Economic consequences of spatial variation and temporal variability of climate change. *Annals of the New York Academy of Sciences*, 1547(1), 170-182. <https://doi.org/10.1111/nyas.15335>

Ooms, V., Endendijk, T., Aerts, J. C. J. H., Botzen, W., & Robinson, P. J. (2025). Assessing effects of nature-based and other municipal adaptation measures on insured heavy rain damages. *Natural Hazards and Earth System Sciences*, 25(11), 4283-4298. <https://doi.org/10.5194/nhess-25-4283-2025>

van Ederen, D., Fonseca Cerda, M. D. S., Botzen, W., Aerts, J., Lupi, V., Scussolini, P., & Gubbels, K. (2025). A high-resolution compound vulnerability function for European winter storm losses. *npj Natural Hazards*, 2, Article 43. <https://www.nature.com/articles/s44304-025-00091-6>

Economics of natural capital and ecosystem services

Brander, L., Sebele, L., Matsvimbo, F., Goñi, V. G., & Eppink, F. (2025). Total economic Vulture: The value of ecosystem services provided by vultures in Southern Africa. *Ecosystem Services*, 76, 1-13. Article 101775. <https://doi.org/10.1016/j.ecoser.2025.101775>

Dijkstra, H., & Tirman, K. (2025). Assessing strategies for remote island beach cleanups: Lessons from the Pacific and Alaska. *Marine Pollution Bulletin*, 216, 1-12. Article 117934. <https://doi.org/10.1016/j.marpolbul.2025.117934>

Reddy, S. M. W., Morgan, S., Sharma, H., Wood, S. A., Adams, S., Abrahamson, D., Bogezi, C., Castro, M., Chapman, T., Fargione, J. E., Fugate, C., Herd, C., Hiza, L., **Leisher, C.**, Lizano, D., Karres, N., Kennedy, C. M., Kiesecker, J., Opatovsky, K., ... Sochi, K. (2025). Accelerating learning and impact in conservation by tailoring learning and adaptive management approaches to the stage of strategy development. *Conservation Science and Practice*, 7(11), 1-12. Article e70117. <https://doi.org/10.1111/csp2.70117>

Robinson, P. J., van Schendel, M., Aerts, J. C. J. H., Botzen, W., & van Beukering, P. (2025). The non-market value of reclaiming natural landscape and biodiversity: a Dutch case study. *Regional Environmental Change*, 25(3), 1-13. Article 80. <https://doi.org/10.1007/s10113-025-02418-5>

Schleicher, J., van Soesbergen, A., **Schaafsma, M.**, Dyngeland, C., Oldekop, J. A., Maioli, V., Latawiec, A. E., & Vira, B. (2025). Where Nature and Poverty Meet: Developing a Multidimensional Environment-Poverty Measure. *Journal of Development Studies*, 61(6), 869-889. <https://doi.org/10.1080/00220388.2024.2434248>

Economics of sustainable energy

Bartels, L., & **Werthschulte, M.** (2025). 'More Bang for the Buck'? Experimental Evidence on the Mechanisms of an Energy Efficiency Subsidy. *Environmental and Resource*

Economics, 88(3), 631-654. Article 103399. <https://doi.org/10.1007/s10640-024-00942-2>

Nikoloski, M., Botzen, W., Talevi, M., Blasch, J., Banerjee, S., & Cazenave, M. P. (2025). Methods to Tailor Behavioural Interventions: A Systematic Review of Categorisation Approaches in (Energy) Economics. *International Review of Environmental and Resource Economics*, 19(2), 117-158. <https://doi.org/10.1561/101.00000175>

van den Wall Bake, K., Tigabu, A., **Talevi, M., van Beukering, P., & Schaafsma, M.** (2025). Solar PV and clean cookstove technology diffusion systems: Four case studies from Sub-Saharan Africa. *Renewable Energy*, 240, 1-9. Article 122201. <https://doi.org/10.1016/j.renene.2024.122201>

Weidenbörner, V., Gleue, M., Feldhaus, C., & **Werthschulte, M.** (2025). Which tariff to choose? How individual attitudes and preferences explain demand for flexible electricity tariffs in Germany. *Energy Research and Social Science*, 121, 1-14. Article 103978. <https://doi.org/10.1016/j.erss.2025.103978>