

Publications

April 2023

Work in progress

see <https://www.mcc-berlin.net/en/about/team/kalkuhl-matthias.html>

Journal Articles (Peer-reviewed)

- Lessmann, K., & Kalkuhl, M. (2023). Climate finance intermediation: Interest spread effects in a climate policy model. *Journal of the Association of Environmental and Resource Economists* (forthcoming)
- Sureth, M., Kalkuhl, M., Edenhofer, O., & Rockström, J. (2023). A Welfare Economic Approach to Planetary Boundaries. *Jahrbücher für Nationalökonomie und Statistik*, (forthcoming; <https://doi.org/10.1515/jbnst-2022-0022>)
- Franks, M., **Kalkuhl, M.**, & Lessmann, K. (2022). Optimal Pricing for Carbon Dioxide Removal Under Inter-Regional Leakage. *Journal of Environmental Economics and Management*, 102769 <https://doi.org/10.1016/j.jeem.2022.102769> (pre-print: <https://arxiv.org/abs/2212.09299>)
- Hänsel, M. C., Franks, M., **Kalkuhl, M.**, & Edenhofer, O. (2022). Optimal carbon taxation and horizontal equity: A welfare-theoretic approach with application to German household data. *Journal of Environmental Economics and Management* 116, Volume 116, October, 102730 <https://doi.org/10.1016/j.jeem.2022.102730>
- Montrone, L., Steckel, J. C., & **Kalkuhl, M.** (2022). The type of power capacity matters for economic development—Evidence from a global panel. *Resource and Energy Economics*, 101313. <https://doi.org/10.1016/j.reseneeco.2022.101313>
- Singhal, P., Pahle, M., **Kalkuhl, M.**, Levesque, A., Sommer, S., & Berneiser, J. (2022). Beyond Good Faith: Why Evidence-Based Policy is Necessary to Decarbonize Buildings Cost-Effectively. *Energy Policy* (forthcoming) https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3947800
- Amberg, M., aus dem Moore, N., Bekk, A., Bergmann, T., Edenhofer, O., Flachsland, C., **Kalkuhl, M.** ... & Schill, W. P. (2022). Reformoptionen für ein nachhaltiges Steuer- und Abgabensystem. *Perspektiven der Wirtschaftspolitik*, 23(3), 165-199.
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- Edenhofer, O., M. Franks, **M. Kalkuhl** (2021). Pigou in the 21st Century. A tribute on the occasion of the 100th anniversary of the publication of *The Economics of Welfare*. *Int Tax Public Finance* 28, 1090–1121 (2021). <https://doi.org/10.1007/s10797-020-09653-y>
- Kotz, M., L. Wenz, A. Stechemesser, **M. Kalkuhl**, A. Levermann (2021). Day-to-Day Temperature Variability Reduces Economic Growth. *Nature Climate Change*. <https://doi.org/10.1038/s41558-020-00985-5>
- Diluiso, F., Walk, P., Manych, N., Cerutti, N., Chipiga, V., Workman, A., ... & Minx, J. C. (2021). Coal transitions—Part 1: A systematic map and review of case study learnings from regional, national, and local coal phase-out experiences. *Environmental Research Letters*, 16(11), 113003. <https://iopscience.iop.org/article/10.1088/1748-9326/ac1b58/meta>
- Kalkuhl, M.** and L Wenz (2020). The Impact of Climate Conditions on Economic Production. Evidence from a Global Panel of Regions. *Journal of Environmental Economics and Management* 103, 102360. <https://doi.org/10.1016/j.jeem.2020.102360>

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Policy Papers and Reports

- Kalkuhl, M., Kellner, M., Bergmann, T., Rütten, K., (2023). CO2-Bepreisung zur Erreichung der Klimaneutralität im Verkehrs- und Gebäudesektor: Investitionsanreize und Verteilungswirkungen. MCC Kurzanalyse.
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- Steckel, J. C., Missbach, L., Ohlendorf, N., Feindt, S., & Kalkuhl, M. (2022). *Effects of the energy price crisis on European households*. Mercator Research Institute on Global Commons and Climate Change (MCC) gGmbH.
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Books and Book Chapters

- Kalkuhl, M.**, J. von Braun, M. Torero (eds) (2016). *Food Price Volatility and its Implications for Food Security and Policy*. Springer. ISBN 978-3-319-28199-5, 650 pp.
- Kalkuhl, M.** (2012): *The Calculus of Climate Policy: Carbon Pricing and Technology Policies for*

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