

Prof. Manuel Lisenmeier, PhD

lisenmeier@c3s.uni-frankfurt.de • mlisenmeier.com • ORCID: [0000-0002-7790-4011](https://orcid.org/0000-0002-7790-4011)

ACADEMIC POSITIONS

2025 – Current	Professor of Environmental Economics, Center for Critical Computational Studies, Goethe-University in Frankfurt am Main
2024 – 2025	Postdoctoral Research Associate, High Meadows Environmental Institute, Princeton University
2022 – 2024	Postdoctoral Research Scientist, Climate School, Columbia University

AFFILIATIONS AND FELLOWSHIPS

2025 - Current	Wübben Foundation Fellow
2024 – Current	Research affiliate, CESifo

EDUCATION

PhD	Environmental Economics, London School of Economics and Political Science, 2019 – 2022
MSc	Economics, Humboldt-University of Berlin, 2015 – 2017
MSc	Sustainability, University of Leeds, 2014 – 2015
MSc, BSc	Meteorology, University of Hamburg, 2010 – 2016

PUBLICATIONS¹

Peer-Reviewed Journal Publications²

- * Lisenmeier, M. (2024): "Global variation in the preferred temperature for recreational outdoor activity". *Journal of Environmental Economics and Management*. [\[PDF\]](#)
- * Lisenmeier, M. (2024): "Seasonal temperature variability and economic cycles". *Journal of Macroeconomics*. [\[PDF\]](#)
- * Lisenmeier, M., Mohommad, A., Schwerhoff, G. (2023): "Global benefits of the international diffusion of carbon pricing policies". *Nature Climate Change*. [\[PDF\]](#)
- * Lisenmeier, M. (2023): "Temperature variability and long-run economic development". *Journal of Environmental Economics and Management*. [\[PDF\]](#)
- Rising, J., Lisenmeier, M., De-Menezes Silva, Ana (2023): "Weather drives variation in COVID-19 transmission and detection". *Environmental Research: Climate*. [\[PDF\]](#)

¹ Personal website includes working papers and work in progress: <https://mlisenmeier.com/research/>.

² The symbol * indicates publications as corresponding author.

* Linsenmeier, M., Mohommad, A., Schwerhoff, G. (2022): "Policy sequencing towards carbon pricing among the world's largest emitters". *Nature Climate Change*. [\[PDF\]](#)

Book chapters

Kasang, D., Linsenmeier, M. (2015): Der Rueckgang der Gletscher und die Wasserversorgung in den tropischen Anden. In: Lozan, J. L., H. Grassl, D. Kasang, D. Notz, H. Escher-Vetter (Hrsg.). Warnsignal Klima: Das Eis der Erde. (Kap. 7.5). [\[PDF\]](#)

Policy Reports

Rising, J., Dietz, S., Dumas, M., Khurana, R., Kikstra, J., Lenton, T., Linsenmeier, M., Smith, C., Taylor, C., and Ward, B. (2022): What will climate change cost the UK? Risks, impacts and mitigation for the net-zero transition. Grantham Research Institute on Climate Change and the Environment, London School of Economics and Political Science. [\[PDF\]](#)

Kahlenborn, W., Linsenmeier, M., Porst, L., Voß, M., Dorsch, L., Lacombe, S., Huber, B., Zebisch, M., Bock, A., Klemm, J., Crespi, A., Renner, K., Lutz, C., Becker, L., Ulrich, P., Distelkamp, M., Behmer, J., Walter, A., Leps, N., Wehring, S., Nilson, E., Jochumsen, K. (2021). Klimawirkungs- und Risikoanalyse 2021 fuer Deutschland. Teilbericht 1: Grundlagen [Climate risks and vulnerability analysis 2021 for Germany: Report 1 - Foundations]. Climate Change 20/2021. Umweltbundesamt [Federal Environment Agency]. [\[PDF\]](#)

Fritsch, U., Zebisch, M., Voß, M., Linsenmeier, M., Kahlenborn, W., Porst, L., Hoelscher, L., Wolff, A., Hardner, U., Schwartz, K., Wolf, M., Schmuck, A., Schoenthaler, K., Nilson, E., Fischer, H., Fleischer, C. (2021). Klimawirkungs- und Risikoanalyse 2021 fuer Deutschland. Teilbericht 3: Klimarisiken im Cluster Wasser [Climate risks and vulnerability analysis 2021 for Germany: Report 3 - Cluster water]. Climate Change 22/2021. Umweltbundesamt [Federal Environment Agency]. [\[PDF\]](#)

Wolf, M., Olmez, C., Schoenthaler, K., Porst, L., Voß, M., Linsenmeier, M., Kahlenborn, W., Dorsch, L., Dudda, L. (2021). Klimawirkungs- und Risikoanalyse 2021 fuer Deutschland. Teilbericht 5: Klimarisiken in den Clustern Wirtschaft und Gesundheit [Climate risks and vulnerability analysis 2021 for Germany: Report 5 - Cluster economy and health]. Climate Change 24/2021. Umweltbundesamt [Federal Environment Agency]. [\[PDF\]](#)

Oehlmann, M., Linsenmeier, M., Kahlenborn, W., Goetting, K., Klaas, K., Ciroth, A., Bunsen, J., Rossbach, M. (2021): Wirkungen veraenderter Einkommen auf den Ressourcenverbrauch [Effects of changes in disposable income on resource use]. Texte 04/2021. Umweltbundesamt [Federal Environment Agency]. [\[PDF\]](#)

Diefenbacher, H., Zieschank, R., Oehlmann, M., Linsenmeier, M., Gran, C. (2019): Integration von Umweltindikatoren und Wohlfahrtsmaßen in oekonomische Modelle [Integration of indicators of environmental costs and social welfare in macroeconomic models]. Texte 189/2020. Umweltbundesamt [Federal Environment Agency]. [\[PDF\]](#)

Oehlmann, M., Linsenmeier, M., Klaas, K., Runkel, M., Wronski, R., Fiedler, S., Mahler, A., Beermann, A.-C. (2018): Oekonomische Instrumente in der Luftreinhaltung [Economic instruments for air pollution control]. Texte 35/2019. Umweltbundesamt [Federal Environment Agency]. [\[PDF\]](#)

Kahlenborn, W., Oehlmann, M., Linsenmeier, M., Bacher, K., Toepfer, K., Blazejczak, J., Edler, D., Lehr, U., Lutz, C., Nieters, A., Flaute, M., Buechele, R., Wolgam, G., Andraea, P. (2019): Wirtschaftliche Chancen durch

Klimaschutz [Economic opportunities of climate action - Summary report]. Climate Change 16/2019. Umweltbundesamt [Federal Environment Agency]. [\[PDF\]](#)

Blazejczak, J., Edler, D., Kahlenborn, W., Linsenmeier, M., Oehlmann, M., Bacher, K., Lehr, U., Lutz, C., Nieters, A., Flaute, M., Buechele, R., Wolgam, G. (2019): Wirtschaftliche Chancen durch Klimaschutz: Der Status Quo [Economic opportunities of climate action - The status quo]. Climate Change 17/2019. Umweltbundesamt [Federal Environment Agency]. [\[PDF\]](#)

Blazejczak, J., Edler, D., Kahlenborn, W., Linsenmeier, M., Oehlmann, M., Bacher, K., Toepfer, K., Lehr, U., Lutz, C., Nieters, A., Flaute, M., Buechele, R., Wolgam, G. (2019): Wirtschaftliche Chancen durch Klimaschutz: Die wachsenden Weltmaerkte fuer Klimaschutzgueter und -dienstleistungen [Economic opportunities of climate action - The growing world market for climate change mitigation goods and services]. Climate Change 18/2019. Umweltbundesamt [Federal Environment Agency]. [\[PDF\]](#)

Oehlmann, M., Linsenmeier, M., Kahlenborn, W., Lehr, U., Flaute, M., Buechele, R., Andraea, P. (2019): Wirtschaftliche Chancen durch Klimaschutz: Gesamtwirtschaftliche Effekte einer investitionsorientierten Klimaschutzpolitik [Economic opportunities of climate action - Macroeconomic effects of investment-oriented climate policies]. Climate Change 19/2019. Umweltbundesamt [Federal Environment Agency]. [\[PDF\]](#)

Bacher, K., Kahlenborn, B., Heinrich, S., Ziegenhagen, I., Rosser, S., Savelberg, J., Linsenmeier, M. (2016): Bestimmung des volkswirtschaftlichen Nutzens von meteorologischen Produkten und Leistungen fuer die Energiewende in Deutschland [Economic benefits of meteorological services for the energy transition in Germany]. adelphi, Berlin.

Other Publications

Linsenmeier, M., Mohommad, A., Schwerhoff, G. (2023): Leadership in climate policy encourages other countries to follow. *Nature Climate Change*. [\[PDF\]](#)

Linsenmeier, M., Pascale, S., Lucarini, V. (2015): Climate of Earth-like planets with high obliquity and eccentric orbits: Implications for habitability conditions. *Planetary and Space Science* 105, 43-59. [\[PDF\]](#)

HONORS AND AWARDS

Best Doctoral Dissertation Award, European Association of Environmental and Resource Economists, 2023

Best Poster Award, Columbia Postdoctoral Research Symposium, 2023

LSE Class Teacher Award, 2022

ESRC PhD scholarship, 2019 - 2023

German National Academic Foundation (Studienstiftung), 2011 - 2017

DAAD RISE worldwide scholarship, 2012

DAAD RISE worldwide scholarship, 2011

zis Foundation scholarship, 2010

RESEARCH GRANTS

Wübben Stiftung Wissenschaft (PI, 350,000 EUR), 2025 - 2029

Columbia Climate School Seed Grant (Co-PI, 10,000 USD), 2023

European Space Agency data access grant (PI, 1,100 USD), 2023

TEACHING

Goethe University

Environmental Economics: Theory and Application (MSc), 2025

London School of Economics and Political Science

Environmental Economics (BSc), 2021

Economic Geography of Production, Trade, and Development (BSc), 2021

Environmental Change: Past, Present, and Future (BSc), 2020, 2021

Sustainable Development (BSc), 2020

University of Hamburg

Mathematics for Physicists I (BSc), 2012

Mathematics for Physicists II (BSc), 2013

EMPLOYMENT PRE-PHD³

adelphi research & consult

Project Manager, 2018 – 2019

Research Analyst, 2017 – 2018

Vamos Juntos e.V., La Paz, Bolivia

Volunteer in the weltwaerts program, 2009 – 2010

RESEARCH EXPERIENCE PRE-PHD

Potsdam Institute for Climate Impact Research, 2014

Meteorological Institute at University of Hamburg,

German Climate Computing Centre DKRZ, 2012-2014

Climate Service Center GERICS, Hamburg, 2010-2013

University of British Columbia, 2011

Universidad Nacional de Colombia, Bogota, 2010

PRESENTATIONS

Conferences and workshops

Annual conference of the European Association of Environmental and Resource Economists, 2025

Workshop on Environmental Economics and Data Science TWEEDS, 2025

Climate Challenges: Unlocking Opportunities for Sustainable Growth, UM6P, 2025

Annual conference of the Eastern Economics Association, 2025

³ Only full-time positions, excluding internships.

Summer conference of the Association of Environmental and Resource Economists, 2024
Annual meeting of the Southern Economic Association, 2024
Summer conference of the Association of Environmental and Resource Economists, 2023
Annual conference of the European Association of Environmental and Resource Economists 2023
Annual meeting of the Agricultural and Applied Economics Association, 2023
Northeast Workshop on Energy Policy and Environmental Economics, 2023
Annual Meeting of the European Geophysical Union, 2023
Columbia Postdoctoral Research Symposium, 2023
IPWSD workshop at Columbia University, 2022
Summer conference of the Association of Environmental and Resource Economists 2022
Monte Verita Conference on Sustainable Resource Use and Economic Dynamics 2022
Occasional Research workshop at UC Santa Barbara, 2022
LSE Imperial College workshop in Environmental Economics, 2022
RWI Essen Workshop on Causal Inference with Spatial Data, 2022
Annual conference of the European Association of Environmental and Resource Economists 2022
German Development Economics conference of the Verein fuer Sozialpolitik, 2022
Summer conference of the Association of Environmental and Resource Economists, 2021
Annual conference of the European Association of Environmental and Resource Economists 2021
Annual conference of the European Economic Association 2021
Fifth Econometric Models of Climate Change conference EMCC-V, 2021
Annual meeting of the Verein fuer Sozialpolitik 2021
IWH-CIREQ-GW Macroeconometric Workshop: Environmental Macroeconomics, 2021
Annual meeting of Environment for Development, 2020
Fall meeting of the American Geophysical Union, 2020
RAMSES Cities and Climate Conference, 2017
DACH annual conference of the German Meteorological Society, 2017
Annual conference of the European Geophysical Union, 2014

Seminars and invited talks

University of Leipzig, Economics Research Seminar, 2025
Princeton University, Bradford Seminar at the School of Public and International Affairs, 2025
American University, School of International Service, 2025
Mercator Research Institute on Global Commons and Climate Change, 2024
ifo institute Munich, 2024
Potsdam Institute for Climate Impact Research PIK, 2024
WU Vienna, 2024
Goethe University in Frankfurt am Main, 2024
ZEW Mannheim, 2024
University of Maryland, 2024
GESIS Workshop on Earth Observation Data in the Social Sciences (keynote), 2023
University of Hamburg, 2022
International Monetary Fund, 2022
University of Leeds, 2022

REFEREING

Total: > 30 articles

Economics

Journal of the European Economic Association
Journal of the Association of Environmental and Resource Economists
Journal of Environmental Economics and Management
Environment and Development Economics
Resources and Energy Economics
Journal of Economic Geography
Journal of Macroeconomics
European Review of Economic History
German Economic Review
Journal of Climate Finance

Interdisciplinary

Nature
Nature Communications
Nature Climate Change
Nature Communications: Earth and Environment
Proceedings of the National Academy of Sciences
Environmental Research Letters
Environmental Research: Communications
Environmental Research: Health
Climate Policy
Humanities and Social Sciences Communications
npj Natural Hazards
Quarterly Journal of the Royal Meteorological Society
Resources Policy

WORKSHOP AND CONFERENCE ORGANISATION

Workshop: Climate Impacts and Adaptation, Goethe University, 2026
Workshop: Global Inequalities in Weather Forecasts, Columbia University, 2024
Workshop: Shifting Landscapes, LSE, 2022