

Manuel Linsenmeier, PhD

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POSITIONS

- 2024 – Current Postdoctoral Research Associate, High Meadows Environmental Institute, Princeton University
- 2022 – 2024 Postdoctoral Research Scientist, Climate School, Columbia University

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 Articles²

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

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

² The symbol * indicates publications as corresponding author.

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., Savelsberg, 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

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

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

TEACHING

London School of Economics and Political Science

Environmental Economics, 2021 (Graduate Teaching Assistant)

Economic Geography of Production, Trade, and Development, 2021 (Graduate Teaching Assistant)

Environmental Change: Past, Present, and Future 2020, 2021 (Graduate Teaching Assistant)

Sustainable Development, 2020 (Graduate Teaching Assistant)

University of Hamburg

Mathematics for Physicists I, 2012 (Tutorial)

Mathematics for Physicists II, 2013 (Tutorial)

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

Reiner Lemoine Institute Berlin, 2017

Institute for Meteorology at Free University of Berlin, 2017

Potsdam Institute for Climate Impact Research, 2014

Meteorological Institute at University of Hamburg, 2013 – 2014

Max-Planck Institute for Meteorology, 2012 - 2013

German Climate Computing Centre DKRZ, 2013 - 2014

Climate Service Center GERICS, Hamburg, 2010 - 2012

University of British Columbia, 2012

Universidad Nacional de Colombia, Bogota, 2011

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

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

³ Only full-time positions, excluding internships.

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

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 Association of Environmental and Resource Economists
Journal of Environmental Economics and Management
Resources and Energy Economics
Environment and Development Economics
Journal of Economic Geography
Journal of Macroeconomics
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
Humanities and Social Sciences Communications
npj Natural Hazards
Quarterly Journal of the Royal Meteorological Society
Resources Policy

WORKSHOP AND CONFERENCE ORGANISATION

Global Inequalities in Weather Forecasts, Columbia University, 2024
Shifting Landscapes, LSE, 2022