

# Prof. Manuel Lisenmeier, PhD

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## 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

## PUBLICATIONS<sup>1</sup>

### Peer-Reviewed Journal Publications<sup>2</sup>

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

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

<sup>2</sup> The symbol \* indicates publications as corresponding author.

## 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., 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**

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-PHD<sup>3</sup>**

### **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

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

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<sup>3</sup> Only full-time positions, excluding internships.

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**

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