

**HANNAH C. HEILIGER** (NÉE KLAUBER)

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**RESEARCH INTERESTS**

Environmental Economics, Health Economics, and Applied Econometrics

**POSITIONS**

**Lab Leader of the Policy Evaluation Lab** 01/2025 - present  
Potsdam Institute for Climate Impact Research (PIK) | Berlin, DE

**Co-Lead of WG4 Economics and Finance** 09/2025 - present  
Lancet Countdown on Health and Climate Change in Europe

**Postdoctoral Researcher** 01/2023 - 12/2024  
Mercator Research Institute on Global Commons and Climate Change (MCC) | Berlin, DE

**Guest Researcher** hosted by Prof. Francesca Dominici 05/2024 - 08/2024  
Harvard University, Data Science Initiative (HDSI) | Boston (MA), US

**Doctoral Researcher** 01/2020 - 12/2022  
Mercator Research Institute on Global Commons and Climate Change (MCC) | Berlin, DE

*Student Positions and Internships:*

· Mercator Research Institute on Global Commons and Climate Change (MCC) | Berlin, DE 04/2018 - 12/2019

· Institute for Ecological Economy Research (IÖW) | Berlin, DE 01/2017 - 04/2018

· German Agency for International Cooperation (GIZ) | Hanoi, VN 01/2016 - 07/2016

· Federal Statistical Office (Destatis) | Bonn, DE 10/2015 - 12/2015

· International Sustainability and Carbon Certification (ISCC) | Cologne, DE 10/2013 - 09/2015

**EDUCATION**

**PhD in Economics** (summa cum laude) | Technical University of Berlin (TU Berlin) 2023

· Reviewers: Prof. Ottmar Edenhofer (TU Berlin), Prof. Daniel Phaneuf (University of Wisconsin-Madison)

· Title: *Air Pollution, Climate Change, and Human Health - Essays in Empirical Environmental Economics*

**MSc in Economics** | Humboldt University of Berlin 2019

**BSc in Business Administration** (with distinction) | University of Cologne 2016

**JOURNAL PUBLICATIONS****Heat and Experienced Racial Segregation**

with Till Baldenius and Nicolas Koch

*Journal of Environmental Economics and Management*, 133, 103210, 2025.

**The Impact of the Bangkok Metro Expansion Via Big Taxi GPS Probe Data**

with Eva Ayaragarnchanakul, Florian Nachtigall, Felix Wagner, Jia-wei Hu, and Felix Creutzig

*npj Sustainable Mobility and Transport*, 2(1), 4, 2025.

**Killing Prescriptions Softly: Low Emission Zones and Child Health from Birth to School**

with Felix Holub, Nicolas Koch, Nico Pestel, Nolan Ritter, and Alexander Rohlf

*American Economic Journal: Economic Policy*, 16(2), 220-248, 2024.

## WORKING PAPERS

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**The Immediate and Lasting Effects of Heat Waves On Workers**  
with Nicolas Koch and Nico Pestel; EAERE 2025 Conference Paper

**Determinants of Heat Risk in an Aging Population: A Machine Learning Approach**  
with Nicolas Koch; IZA DP No. 15996

**Effects of Thermal Inversion Induced Air Pollution on COVID-19**  
with Sebastian Kraus and Nicolas Koch; arXiv preprint: 2011.11127

## SELECTED WORK IN PROGRESS

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· **Weatherization and Health: Long-Term Impacts of Housing Renovations in Germany**  
with Steffen Künn and Juan Palacios

· **The Public Health Effects of Pollen Exposure**  
with Zoe Wang and Nicolas Koch

· **The Cross-border Health Benefits of Coal Phase-Out in Europe**  
with Zoe Wang, Gianluca Guidi, and Nicolas Koch

## OTHER PUBLICATIONS

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Individuelle und regionale Risikofaktoren für hitzebedingte Hospitalisierungen der über 65-Jährigen in Deutschland (2021), with Nicolas Koch. In: Günster et al. (eds.) *Versorgungs-Report Klima und Gesundheit*. Berlin: Medizinisch Wissenschaftliche Verlagsgesellschaft.

## SCHOLARSHIPS & AWARDS

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| <b>8th Lindau Nobel Laureate Meeting in Economic Sciences</b> , selected participant     | 2025        |
| <b>1st prize, German Thesis Award</b> , Körber Stiftung, 719 submissions, 25,000 EUR     | 2024        |
| <b>Transatlantic Research Stay Scholarship</b> , Joachim Herz Foundation, ~6,500 EUR     | 2024        |
| <b>Full PhD Scholarship</b> , German Federal Environmental Foundation (DBU), ~61,000 EUR | 2020 - 2022 |
| <b>Humboldt Research Track Scholarship</b> , Humboldt Graduate School (HGS), ~5,000 EUR  | 2019        |
| <b>German National Scholarship</b> , Humboldt University Foundation, ~5,000 EUR          | 2017 - 2019 |

## RESEARCH GRANTS

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| “MELIUS” Improving Allergy Care in a Changing Climate, funded by German Innovation Fund | 2024 - 2026  |
| Role: Co-investigator of work package   | ~300,000 EUR |

## PRESENTATIONS

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University of Halle-Wittenberg (Halle, Germany); Workshop on Natural Disasters and Labor Market Resilience, 2026  
Johannes Gutenberg University (Mainz, Germany)\*; Berlin School of Economics Quantitative Spatial Economics  
Research Seminar “BQSE” (Berlin, Germany)\*; Learning and Work Seminar of Maastricht University  
(Maastricht, Netherlands)\*

\* *scheduled*

Conference of the European Association of Environmental and Resource Economists, “EAERE” (Bergen, 2025  
Norway); 8th Lindau Nobel Meeting in Economic Sciences (Lindau, Germany); Mapping the Effects of  
Environmental Policies Workshop, “MEEP” (Frankfurt, Germany); Leibniz Institute for Economics  
Research, RWI (Berlin, Germany); ECO-N lecture series, Leipzig University (Leipzig, Germany)

Berlin Applied Causal Graphs Workshop (Berlin, Germany); Maastricht Workshop on Applied Economics of 2024  
the Environment (Maastricht, Netherlands); Harvard Data Science Initiative (Boston, USA); University of  
Magdeburg (Magdeburg, Germany)

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| Harvard Kennedy School: Climate Economics Pipeline Workshop (Boston, USA); Harvard T.H. Chan School of Public Health (Boston, USA); Essen Health Conference, “EHC” (Essen, Germany)   | 2023 |
| EHC (online); IZA Workshop on Environment, Health and Labor Market (online); EAERE Conference (online); Summer Conference of the Association of Environmental and Resource Economists, “AERE” (online)  | 2021 |
| EAERE Conference (online); AERE Conference (online); Online Summer Workshop in Environment, Energy, and Transportation Economics, “OSWEET” (online); Leibniz Centre for European Economic Research (ZEW) and the Universities of Mannheim and Heidelberg (online) | 2020 |

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## POLICY & STAKEHOLDER TALKS

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| · Invited Speaker, Symposium “Health in a Changing Climate: Prevention in Focus”, WeACT Con 2025   | 2025 |
| · Invited Speaker, Herbsttagung “Planetare Gesundheit: Wie wissenschaftsfördernde Stiftungen einen Beitrag leisten können”, Bundesverband Deutscher Stiftungen |      |
| · Invited Speaker, Seminar on Spatial Methods for Impact Analysis, German Federal Office for Building and Regional Planning                                    | 2024 |
| · Invited Speaker, Executive Training on Data Science and Evidence-Based Policy-Making, GIZ and Hertie School  |      |
| · Invited Speaker, Training Event for Physicians in the Public Health Insurance System, AOK  | 2022 |
| · Invited Speaker, Research Symposium “Tools for Determining the Causes of Air Pollution Affecting Thailand”, United Nations ESCAP                             | 2021 |
| · Invited Speaker, Forum on “Health in Metropolitan Areas – What Can Be Done About Heat and Air Pollution?”, Conference on Demography and Sustainability       | 2021 |

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## REFEREE SERVICE

Environmental and Resource Economics, Environmental Research Communications, Journal of Economic Behavior & Organization, Land Economics

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## MEDIA COVERAGE

Ärzteblatt, Ärztezeitung, Augsburger Allgemeine, Deutsche Universitätszeitung, Deutsche Welle, Deutschlandfunk, FAZ, FluxFM, Focus, G + G, NetDoktor, OncoHemato, Perspective Daily, Pharmazeutische Zeitung, Spiegel, Süddeutsche Zeitung, Tagesspiegel, Tagesspiegel Background, taz, WDR, WDR Aktuelle Stunde, ZDFheute, Zeit

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## OTHER AFFILIATIONS & ACTIVITIES

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| Harvard Alumni for Climate and the Environment (HACE)   | since 2024  |
| Co-organizer of the Research Seminar on Environmental, Resource and Climate Economics (RSERC), jointly hosted by TU Berlin, HU, PIK, MCC, DIW, and RWI              | 2023 - 2024 |
| Research Affiliate at Potsdam Institute for Climate Impact Research (PIK)   | 2022 - 2024 |
| Member of MCC’s Equal Opportunity Team  | 2020 - 2024 |
| Member of the research group “Sustainability and Global Justice” at the Integrative Research Institute on Transformations of Human-Environment Systems (IRI THESys) | 2017 - 2018 |

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## TECHNICAL SKILLS

**Programming and Analysis:** R, Python, Google Earth Engine, QGIS  
**Markup and Version Control:** L<sup>A</sup>T<sub>E</sub>X, Markdown, HTML, Git/GitHub