

NICOLE WAEGNER

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RESEARCH INTERESTS

Environmental Economics, Applied Econometrics, Policy & Impact Evaluation

ACADEMIC POSITIONS

Assistant Professor	Since 2023
NHH Norwegian School of Economics, Department of Economics	
Postdoctoral Researcher	2022 - 2023
RWI – Leibniz Institute for Economic Research, Research Data Centre	

EDUCATION

Ph.D. in Economics	2022
Technische Universität Berlin	
joint with DIW Berlin Graduate Center and Berlin School of Economics	
M.Sc. in Industrial and Network Economics	2017
Technische Universität Berlin	

PUBLICATIONS

Sarmiento, L., Wägner, N., Zaklan, A. (2023): The air quality and well-being effects of low emission zones. *Journal of Public Economics*, Volume 227, November 2023, 105014.

Cullmann, A., Rechlitz, J., Sundermann, G., Wägner, N. (2025): External costs of water pollution in the drinking water supply sector. *American Journal of Agricultural Economics*, Volume 107, Issue 2, 504–531.

WORK IN PROGRESS

The Air Quality Impacts of Ferry Electrification, *with Aline Bütikofer and Zichen Deng*

The Heterogeneous Air Quality and Mortality Effects of Madrid's Low Emission Zone, *with Adrián Santonja di Fonzo and Luis Sarmiento*

Make Sure the Children are Healthy: The Indirect Effects of Air Pollution on Parents' Well-Being, *with Julia Rechlitz, Luis Sarmiento, and Aleksandar Zaklan.*

Payout Policies and Agency Conflicts in State-Owned Enterprises: Empirical Evidence from German Official Statistics, *with Astrid Cullmann and Maria Nieswand* (Revise & Resubmit).

POLICY REPORTS

Cullmann, A., Sundermann, G., Wagner, N., von Hirschhausen, C. R., Kemfert, C. (2022). Wertvolle Ressource Wasser auch in Deutschland zunehmend belastet und regional ubermaig genutzt. DIW Wochenbericht No. 49 / 2022.

Sarmiento, L., Wagner, N., Zaklan, A. (2022). Low Emission Zones Improve Air Quality and Health but Temporarily Decrease Life Satisfaction. DIW Weekly Report No. 13 / 2022.

Sarmiento, L., Wagner, N., Zaklan, A. (2022). Umweltzonen verbessern Luftqualitat und Gesundheit, verringern aber temporar Lebenszufriedenheit. DIW Wochenbericht No. 13 / 2022).

Sundermann, G., Wagner, N., Cullmann, A., von Hirschhausen, C. R., Kemfert, C. (2020). Nitrate pollution of groundwater long exceeding trigger value; fertilization practices require more transparency and oversight. DIW Weekly Report No. 8+9 / 2020.

Sundermann, G., Wagner, N., Cullmann, A., von Hirschhausen, C. R., Kemfert, C. (2020). Nitratbelastung im Grundwasser uberschreitet Grenzwert seit Langem – mehr Transparenz und Kontrolle in der Dungepraxis notwendig. DIW Wochenbericht No. 9 / 2020 .

Bach, S., Isaak, N., Kampfmann, L., Kemfert, C., Wagner, N. (2020). Nachbesserungen beim Klimapaket richtig, aber immer noch unzureichend: CO₂-Preise starker erhohen und Klimapramie einfuhren. DIW aktuell No. 27

Bach, S., Isaak, N., Kemfert, C., and Wagner, N. (2019). Lenkung, Aufkommen, Verteilung: Wirkungen von CO₂-Bepreisung und Ruckvergutung des Klimapakets. DIW aktuell No. 24 .

Bach, S., Isaak, N., Kemfert, C., Kunert, U., Schill, W. P., Wagner, N., Zaklan, A. (2019). Fur eine sozialvertragliche CO₂-Bepreisung. DIW Berlin: Politikberatung kompakt No. 138 .

Kemfert, C., Schill, W.-P., Wagner, N., Zaklan, A. (2019). Umweltwirkungen der Okosteuer begrenzt, CO₂-Bepreisung der nachste Schritt. DIW Wochenbericht No. 13 / 2019 .

TEACHING

Since 2025 Environmental Policy Analysis (graduate), Norwegian School of Economics

Since 2024 Empirical Strategies for Causal Analysis (graduate), Norwegian School of Economics

2020-2022 Applied Environmental Economics in R (graduate), Technische Universitat Berlin

2020 Statistics (graduate), TA for Mark Kayser, Hertie School of Governance

2019 Applied Econometrics in Environmental and Sustainability Economics (graduate), Technische Universitat Berlin

2018-2019 Statistics (undergraduate), TA for Astrid Cullmann, Technische Universitat Berlin

CONFERENCE PRESENTATIONS

- 2025 Workshop "Mapping the Effects of Environmental Policies" (Oberursel), Nordic Environmental and Resource Economics Seminar (virtual), Nordic Annual Environmental and Resource Economics Workshop (Copenhagen)
- 2024 CESifo Area Conference on Energy and Climate Economics (Munich), Workshop "Mapping the Effects of Environmental Policies" (Hamburg), Lunch Seminar of the Energy, Natural Resources, and Environment Research Center (Bergen), Workshop "Causal Inference with Spatial Data" (Essen), Applied Micro Seminar of the Frisch Centre and UiO's Department of Economics (Oslo), Research Seminar of the Department of Economics (Gothenburg), Early-Career Workshop in Empirical Environmental Economics (Bergen)
- 2023 ESPE Conference (Belgrade), EAERE Conference (Limassol), Research Seminar of the Graduate School of Economics (Helsinki), FREECE & SITE Workshop on the economics of sustainable transport (Stockholm)
- 2022 AURÖ-Workshop for Young Researchers: Environmental and Resource Economics (Graz)
- 2021 VfS Annual Meeting (virtual), EAERE Conference (virtual), European Winter Meeting of the Econometric Society (virtual)
- 2020 EAERE Conference (virtual), Vrije Universiteit Amsterdam Eureka Webinar (virtual), VfS Annual Meeting (virtual)
- 2019 Workshop on Empirical Methods in Energy Economics (Québec), EAERE Conference (Manchester), EEA Conference (Manchester), Mannheim Energy Conference (Mannheim), AURÖ-Workshop for Young Researchers: Environmental and Resource Economics (Kassel)

PROFESSIONAL ACTIVITIES

Conference and workshop organization

- 2025 Co-chair program committee of the 30th Annual EAERE Conference (Bergen)
- 2024 Co-organizer of the Early-Career Workshop in Empirical Environmental Economics (Bergen)
- 2024 Co-organizer of the 6th Nordic Annual Environmental and Resource Economics Workshop (Bergen)
- Since 2024 Co-organizer of the Nordic Environmental and Resource Economics Seminar (virtual)

Refereeing: Journal of Environmental Economics and Management, Journal of Economic Behavior & Organization, Economics Bulletin, Energy Policy, Annual Conferences of the European Association of Environmental and Resource Economists (EAERE)

GRANTS AND SCHOLARSHIPS

- 2025-2026 Marie Skłodowska-Curie Postdoctoral Fellowship, Project "MARHEALTH" (101154453) funded by the European Commission, ~€210,000
- 2019 Travel grant, European Association of Environmental and Resource Economists
- 2017-2022 Ph.D. scholarship, DIW Berlin Graduate Center & Department of Energy, Transportation, Environment

POLICY PROJECTS

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| 2022-2023 | European Commission (HORIZON2020): “Activation of NATURE-based solutions for a JUST low carbon transition”, Co-investigator. |
| 2022 | German Environment Agency: “Social Effects of Environmental Policies”, Co-investigator. |
| 2019 | German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety ‘CO ₂ -Bepreisung im Wärme- und Verkehrssektor: Diskussion von Wirkungen und alternativen Entlastungsoptionen”, Co-investigator. |

SOFTWARE AND LANGUAGE SKILLS

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| Software | R, L ^A T _E X, Git |
| Languages | German (native), English (fluent), Norwegian (intermediate), French (basic) |