

# NICOLE WAEGNER

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## RESEARCH INTERESTS

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Environmental Economics, Applied Econometrics, Policy & Impact Evaluation

## ACADEMIC POSITIONS

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Marie Skłodowska-Curie Fellow	2025 - 2026
MSCA European Postdoctoral Fellowships - Project “MARHEALTH”	
Assistant Professor	Since 2023
Norwegian School of Economics, Department of Economics	
Postdoctoral Researcher	2022 - 2023
RWI – Leibniz Institute for Economic Research, Research Data Centre	

## EDUCATION

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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	
B.Sc. in Economics	2014
Humboldt Universität zu Berlin	

## PUBLICATIONS

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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. (2024): External costs of water pollution in the drinking water supply sector. *American Journal of Agricultural Economics*, forthcoming.

## RESEARCH IN PROGRESS

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Impacts of Ferry Electrification on Air Quality and Human Health, *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 of State-owned Enterprises  
*with Astrid Cullmann and Maria Nieswand*

## WORKING PAPERS

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Sarmiento, L., Wagner, N., Zaklan, A. (2021): Effectiveness, Spillovers, and Well-Being Effects of Driving Restriction Policies. DIW Discussion Paper No. 1947 & Resources for the Future Working Paper 21-13.

Wagner, N. (2017). Statistics of Annual Accounts of Public Funds, Institutions and Enterprises: 2003-2012. DIW Berlin: Data Documentation No. 87.

## POLICY PUBLICATIONS

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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: CO<sub>2</sub>-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 CO<sub>2</sub>-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 CO<sub>2</sub>-Bepreisung. DIW Berlin: Politikberatung kompakt No. 138 .

Kemfert, C., Schill, W.-P., Wagner, N., Zaklan, A. (2019). Umweltwirkungen der Okosteuer begrenzt, CO<sub>2</sub>-Bepreisung der nachste Schritt. DIW Wochenbericht No. 13 / 2019 .

## POLICY PROJECTS

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2022-2023 “Activation of NATURE-based solutions for a JUST low carbon transition” on behalf of the European Commission (HORIZON2020), Co-Investigator.

2022 “Social Effects of Environmental Policies” on behalf of the German Environment Agency (UBA), Co-Investigator.

2019 “CO<sub>2</sub>-Bepreisung im Warme- und Verkehrssektor: Diskussion von Wirkungen und alternativen Entlastungsoptionen” on behalf of the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU), Co-Investigator.

## TEACHING EXPERIENCE

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- 2024 ECO433 - Empirical Strategies for Causal Analysis (graduate), Norwegian School of Economics, with Aline Bütikofer
- 2020-2022 Seminar *Applied Environmental Economics in R* (graduate), Technische Universität Berlin, with Astrid Cullmann
- 2020 Tutorial *Statistics I* (graduate), Hertie School of Governance, Mark Kayser
- 2019 Short course *InfraTrain - Applied Econometrics in Environmental and Sustainability Economics* (graduate), Technische Universität Berlin, Christian von Hirschhausen
- 2018-2019 Tutorial *Statistics I* (undergraduate), Technische Universität Berlin, Astrid Cullmann
- 2013 Tutorial *Micro- and Macroeconomics* (undergraduate), Business and Information Technology School, Stefan Kooths

## CONFERENCE AND SEMINAR PRESENTATIONS

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- 2024 CESifo Area Conference on Energy and Climate Economics (Munich), Workshop "Mapping the Effects of Environmental Policies" (Hamburg), ENE lunch presentation (Bergen), Workshop "Causal Inference with Spatial Data" (Essen), Applied Micro Seminar of Frisch Centre and UiO Department of Economics (Oslo)
- 2023 ESPE Conference (Belgrade), EAERE Conference (Limassol), Helsinki GSE Seminar (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 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

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

Co-chair of program committee of the 25th EAERE conference (Bergen, 2024)

Co-organizer of Nordic Environmental and Resource Economics Seminar series (virtual, since 2024)

Co-chair of organizing committee of the 6th Nordic Annual Environmental and Resource Economics Workshop (Bergen, 2023)

## SCHOLARSHIPS AND FUNDING

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- 2019 Travel grant, European Association of Environmental and Resource Economists
- 2017-2022 Ph.D. scholarship, DIW Berlin Graduate Center & Department of Energy, Transportation, Environment
- 2015 Erasmus scholarship, Technische Universität Berlin

## SOFTWARE AND LANGUAGE SKILLS

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Software	R, Stata, L <sup>A</sup> T <sub>E</sub> X, Git, Microsoft Office
Languages	German (native), English (fluent), Norwegian (intermediate), French (basic)