

CURRICULUM VITAE

HENRI GRUHL

CONTACT INFORMATION

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PROFESSIONAL EXPERIENCE

12/2020–	RWI – Leibniz-Institute for Economic Research Environment & Resources Department, Sustainability & Governance Group	Research Associate <i>Berlin, Germany</i>
2024–	Duke University Duke in Berlin Program	Instructor <i>Berlin, Germany</i>

AFFILIATIONS

2024–	Geneva Graduate Institute Center for International Environmental Studies	Visiting Fellow <i>Geneva, Switzerland</i>
2023, 2024	VU Amsterdam Department of Spatial Economics, 2-4 month stays	Guest Researcher <i>Amsterdam, the Netherlands</i>

EDUCATION

12/2022–	PhD in Economics, Vrije Universiteit Amsterdam Relevant courses: causal machine learning, econometrics of networks, spatial data
2019-2020	MSc in Spatial, Transport and Environmental Economics, VU Amsterdam
2016-2019	BSc in Economics, University of Hamburg Erasmus Semester: University Paris 1 Panthéon-Sorbonne (2018-2019)

RESEARCH

Peer-Reviewed Publications
Fields: Environmental Economics, Public Economics, Technological Change

Driving Innovation? Carbon Tax Effects in the Swedish Transport Sector.

(2025, joint with Nils aus dem Moore, and Johannes Brehm)

Journal of Public Economics, forthcoming.

Air Pollution and the Housing Market: Evidence from Germany's Low Emission Zones

(2025, joint with Nicolas Volkhausen, Nico Pestel, and Nils aus dem Moore)

Journal of Environmental Economics and Management, 132, 103161.

Adjusting to the New Normal: River Flood Risk and the Real Estate Market

(2025, joint with Johannes Brehm, Arijit Ghosh, Philipp Breidenbach, and Nils aus dem Moore)

Environmental and Resource Economics, forthcoming.

Increase in concerns about climate change following climate strikes and civil disobedience in Germany

(2024, joint with Johannes Brehm)

Nature Communications, 15(1), 2916.

Leveraging machine learning to understand opposition to environmental tax increases across countries and over time.

(2024, joint with Johannes Brehm)

Environmental Research Letters, 19 084035.

Anticipatory climate policy mix pathways: A framework for ex-ante construction and assessment applied to the road transport sector

(2024, joint with Duncan Edmondson, Christian Flachslund, Nils aus dem Moore, Nicolas Koch,

Florian Koller, and Johannes Brehm)

Climate Policy, 25(3), 438-467.

Working Papers

Brehm, J., H. Gruhl, R. Kottmann and L. Schmitz (2024). Low Depression Zones? The Effect of Driving Restrictions on Air Pollution and Mental Health. *Ruhr Economic Papers* #1093.

Selected Work in Progress

The Impact of Heat on Firm Innovation and Output

Induced Innovation and Collaboration: Insights from European Carbon Pricing

At boiling point: Amplification of heat shocks in global business groups

(with Nicolas Koch, Michael Themann, and Leonie Wenz)

Policy Papers

Schmitz, L., J. Brehm, H. Gruhl, R. Kottmann, N. Pestel, und S. Schaffner. (2024), Umweltzonen in Deutschland: Emissionsbegrenzungen verbessern Bildung und psychische Gesundheit. DIW Wochenbericht 47 / 2024. Deutsches Institut für Wirtschaftsforschung

aus dem Moore, N., J. Brehm, P. Breidenbach, L. Eilers, H. Gruhl, M. Kaeding, and P. Thiel. (2024), *Soziale Aspekte der Umweltpolitik - Teilvorhaben II: Gewinnung von Daten*. UBA Texte. Umweltbundesamt.

Brehm, J. and H. Gruhl (2023), *Energiewende, Klimaschutz und Aktivismus: Empirische Analyse weitreichender Protestereignisse bis 2020*. Ariadne-Analysis. Potsdam: Kopernikus-Projekt Ariadne.

Edmondson, D., C. Flachslund, N. aus dem Moore, N. Koch, F. Koller, H. Gruhl, J. Brehm, and S. Levi. (2022), *Assessing Climate Policy Instrument Mix Pathways – An Application to the German Light Duty Vehicle Sector*. Ariadne-Background. Potsdam: Kopernikus-Projekt Ariadne.

Fahl, U., K. Hufendiek, L. Kittel, J. Siegle, M. Pahle, N. aus dem Moore, H. Gruhl, J. Jana Nysten, H. Kahl, B. Görlach, T. Sach, M. Schimmel and A. Kühner (2021), *Industriewende: Wettbewerbseffekte und Carbon Leakage. Neue Politikmaßnahmen im Zuge des Europäischen Green Deal*. Ariadne-Kurzdossier. Potsdam: Kopernikus-Projekt Ariadne.

PRESENTATIONS

ESPE 2025, VfS 2025, MEEP Workshop 2025, COMPIE 2024, ESPE 2024, VfS 2024, MEEP Workshop 2024, AERE 2023 Summer Conference, EAERE 28th Annual Conference, 21st journées Louis-André Gérard-Varet (LAGV), 2022 Annual Congress of the IIPF, 15th RGS Econ Doctoral Conference

REFEREEING

British Journal of Political Science, EAERE Conference, Causal Inference with Spatial Data Workshop, Environmental Research Letters

TEACHING

Economics of Environmental and Climate Policy (2025), Environmental Economics and Policy (2024)

PROJECTS

2023–	“Verbundvorhaben ARIADNE2: Evidenzbasiertes Assessment für die Gestaltung der deutschen Energiewende auf dem Weg zur Klimaneutralität (Evidence-Based Assessment for the Design of the German Energy System Transformation) on behalf of the German Federal Ministry of Education and Research
2020-2023	“Verbundvorhaben ARIADNE: Evidenzbasiertes Assessment für die Gestaltung der deutschen Energiewende“ (Evidence-Based Assessment for the Design of the German Energy System Transformation) on behalf of the German Federal Ministry of Education and Research
2020-2023	“Soziale Aspekte der Umweltpolitik“ (Social Aspects of Environmental Policy) on behalf of the German Environment Agency

SKILLS

Languages	German (native), English (fluent), French (basic), Polish (basic)
Software	R, Python, SQL, Stata, Latex, git