Curriculum Vitae – Achim Hagen

Affiliations and Positions

since 12/2024	Guest Professor for *Economics, Environmental and Political Economics*, Humboldt-Universität zu Berlin.
since 2022	Head of the Junior Research Group PECan, Humboldt-Universität zu Berlin.
since 2025	Faculty, Berlin School of Economics (Research Associate since 2020).
since 2025	Affiliate, CESifo Research Network
since 2024	Member of the DFG Network on Leverage Points for Climate Action.
since 2024	Guest Researcher, Climate Economics and Policy - MCC Berlin/PIK.
since 2020	Fellow, Berlin Center for Consumer Policies (BCCP).

Previous Positions

2018-2022	Post-Doc, Resource Economics Group, Humboldt-Universität zu Berlin.
2016 –2018	Research Assistant, Resource Economics Group, Humboldt-Universität zu Berlin.
2014 –2016	Research Assistant, Research Group Environment and Development Economics, Carl von Ossietzky University Oldenburg.

Research Visits

02-03/2025	University of Bologna
12/2024	ifo/CESifo Munich
09-11/2020	University of Oslo (hosted by Geir Asheim and Bård Harstad)
11/2018-01/2019	Wageningen University (hosted by Hans-Peter Weikard)
09-10/2017	American University of Central Asia
04-05/2017	London School of Economics and Political Science (hosted by Simon Dietz and Alessandro Tavoni)

Education

10/2018	PhD Humboldt-Universität zu Berlin (summa cum laude). Thesis title: Global Climate Policy Beyond Nation-State Actors: An Economic Analysis of Environmental Cooperation.
2014	Master of Arts Sustainability Economics and Management (with Distinction), Carl von Ossietzky University Oldenburg.
2011	Bachelor of Science Environmental Sciences/ Economic Sciences (with Distinction), Leuphana University Lüneburg.

Journal Publications

[A12] Hagen, A. (2026). Contested Compromise: Public Policy Reforms as Share Contests. ***Economics and Politics*****,** *38*(1), 327-337*.*

[A11] von Dulong, A. and A. Hagen (2025). Institutions make a difference: Assessing the predictors of climate policy stringency using machine learning. ***Environmental Research Letters*** 20, 014056.

[A10] Hagen, A. and M. Schopf (2024). Political Influence on International Climate Agreements with Border Carbon Adjustment. ***Journal of Environmental Economics and Management*** *125,* 102979.

[A9] von Dulong, A., A. Gard-Murray, A. Hagen, N. Jaakkola and S. Sen (2023). Stranded Assets: Research Gaps and Implications for Climate Policy. ***Review of Environmental Economics and Policy*** *17*(1), 161-169.

[A8] von Dulong, A., A. Hagen, R. Mendelevitch and K. Eisenack. (2023). Buy coal and gas? Addressing interfuel carbon leakage on deposit markets with market power. ***Energy Economics*** 117, 106434.

[A7] Hagen, A., and J. Schneider (2022). Small climate clubs should not use trade sanctions. ***Energy Research & Social Science***, *92*, 102777.

[A6] Hagen, A. and J. Schneider. (2021). Trade sanctions and the stability of climate coalitions. ***Journal of Environmental Economics and Management*** *109,* 102504.

[A5] Eisenack, K., A. Hagen, R. Mendelevitch and A. Vogt. (2021). Politics, profits and climate policies: How much is at stake for fossil fuel producers? ***Energy Research & Social Science*** 77, 102092.

[A4] Hagen, A., J.-C. Altamirano-Cabrera and H.-P. Weikard. (2021). National political pressure groups and the stability of international environmental agreements, ***International Environmental Agreements: Politics, Law and Economics*** *21*(3), 405-425.

[A3] Hagen, A., P. von Mouche and H. P. Weikard. (2020). The Two-Stage Game Approach to Coalition Formation: Where We Stand and Ways to Go. ***Games*** *11*(1), 3.

[A2] Hagen, A. and K. Eisenack. (2019). Climate clubs vs. single coalitions: the ambition of international environmental agreements, ***Climate Change Economics****,* 10 (3), 1950011.

[A1] Roggero, M., L. Kähler and A. Hagen. (2019). Strategic cooperation for transnational adaptation: lessons from the economics of climate change mitigation. ***International Environmental Agreements: Politics, Law and Economics****, 19* (4-5), 395–410.

Selected Working Papers and Work in Progress

[B13] Integrating Political Economy and Financial Markets in Qualitative Scenario Analysis to Elicit EU Decarbonization Pathways (with M. Bohnet, P. Fliegel, A. Schönauer, C. van Mierlo and M. Zioga). *(R&R at* ***Earth System Governance***)

[B12] Climate Policies, Investments, and the Role of Elections (with G. Kollenbach). ***CESifo Working Paper*** 12063.

[B11] Carbon pricing and household finance: how banks price transition risk in auto loans (with P. Fliegel, N. Koch, and N. Ritter). ***CESifo Working Paper*** 12288.

[B10] The political economy of fossil-fuel subsidy removal: Theory and empirical evidence from presidential democracies (with Montes de Oca, M. and F. Holz). ***IMF Working Paper*** No. 2024/230.

[B9] Gender differences in sustainable investment preferences: The role of disclosure and product category labeling (with C.v. Mierlo, F. Gerstmeier, and M. Bohnet).

[B8] Cooperation, inequality and equity in the provision of public goods: experimental evidence (with L. Bartels and C. Gallier).

[B7] The political economy of asset ownership: Evidence from the global power sector (with P. Fliegel and A. Stomper).

[B6] Climate Risk Spillovers and Sovereign Financing Conditions (with L. Rischen).

[B5] Sustainable consumption spillovers from sustainable investing: Evidence from a causal survey experiment among retail investors (with J. Friedrichsen, M.-P. Bohnet, P. Fliegel, L. Rischen).

[B4] Endogenous climate policy, systemic risk and asset stranding (with N. Jaakkola and A. v. Dulong).

[B3] Unanimous Climate Coalitions with Two-Level Pricing (with C. Roolfs).

[B2] The value of corporate lobbying for turbulent times: Evidence from the EU-ETS (with M. Bohnet and S. Sen).

[B1] State Capacity and Climate Policy (with W. Marz).

Book Chapters Peer Reviewed

[C2] Lessman, K. et al. (2024). Can the Financial Sector Protect the Climate? The Potential of Sustainable Finance, In K. Wendt, B. Villhauer (ed.) *Sustainable Wealth Management*, Springer.

[C1] Hagen, A., L. Kähler and K. Eisenack. (2017). Transnational Environmental Agreements with Heterogeneous Actors, In S. Çağatay (ed.) *Economics of International Environmental Agreements: a Critical Approach*, Routledge.

Other Publications

[D9] von Dulong, A., & Hagen, A. (2025). Understanding Climate Policy Stringency, Effectiveness, and Public Support. *E-axes FORUM Digest.*

[D8] von Dulong, A., A. Gard-Murray, A. Hagen, N. Jaakkola and S. Sen (2023). Climate Policy Shouldn't Ignore Asset Stranding, *BSE Insights.*

[D7] Eisenack, K., Hagen, A., Holz, F., Pittel, K., Vogt, A., & von Schickfus, M. T. (2022). Klimapolitik und Stranded Assets in der fossilen Wirtschaft. *Ökologisches Wirtschaften-Fachzeitschrift*, *37*(2), 30-35.

[D6] Lessmann, K. F. Schütze, …, A. Hagen et al. (2022), Der Finanzsektor als Klimaschützer? Das Potenzial von Sustainable Finance, *Hintergrundpapier zum 11. Forum Klimaökonomie.*

[D5] Hagen, A. and K. Pittel. (2021). Chancen und Risiken klimapolitischer Langfriststrategien am Beispiel des deutschen Klimaschutzgesetzes. *Wirtschaftsdienst* 101, 334–338.

[D4] Hagen, A. and J. Schneider (2021). Trade sanctions can harm cooperation on climate protection. *BSE Insights.*

[D3] Pittel, K., F. Holz, …, A. Hagen et al. (2021). Chances and Obstacles to Strengthening the Paris Agreement – The Case of Resource-Rich Countries. *Background Paper Forum Climate Economics 9*.

[D2] Kriegler, E., R. Gulde, …, A. Hagen et al. (2020). Phasing out fossil fuels - How to achieve a just transition? *Background paper for the 7th Klimaforum on 12th October 2020*, Potsdam: Potsdam-Institut für Klimafolgenforschung (u.a.), 43 p. https://doi.org/10.2312/pik.2020.005.

[D1] Hagen, A., N. Jaakkola and A.Vogt. (2019). The Interplay Between Expectations and Climate Policy: Compensation for Stranded Assets. *IAEE Energy Forum*.

Research Funding (>2mio €)

Junior research group PECan: The Political Economy of Climate Policy and Finance (~2,4mio €), BMBF, Social-Ecological Research program, head, 2022 - 2027.

FoReSee: Fossil Resource Markets and Climate policy: Stranded Assets, expectations and the political economy of climate change (1.000.000€), BMBF: Economics of Climate Change II, with ifo-Institute and DIW (lead of HU Berlin sub-project; volume: 337.000€) 2018 – 2022.

PostFossil: A just transition to a post fossil society (10.000€), Berlin University Alliance, with TU Berlin, FU Berlin and MCC Berlin (joint project lead, 6 PIs) 2019 - 2020.

KEEP COOL east (178,000€), German Federal Environmental Foundation, January 2018 – December 2019 (Contributions and project lead January - October 2018).

Scholarships and Awards

2018-2019	WASS-Grant for Research Visit at Wageningen University.
2018	Conference Presentation Award for Young Researchers (Vortragsprämie) of the German Economic Association for presentation at the WCERE.
2017	Best Poster Award at 23rd Annual Conference of the European Association of Environmental and Resource Economists.
2015	Award for Best Master's Degree at the Department of Business Administration, Economics, and Law, Carl von Ossietzky University Oldenburg (Joint Winner).
2010 – 2014	Scholarship of the Friedrich-Ebert-Stiftung.
2011	Award for Best Bachelors's Degree in Environmental Sciences / Economic Sciences, Leuphana University Lüneburg (Joint Winner).

Reviewer

Journals: *Review of Economic Studies, Journal of Public Economics, Journal of Political Economy Microeconomics, Games and Economic Behavior, Journal of Environmental Economics and Management, Journal of the Association of Environmental and Resource Economists, Journal of Economic Psychology, Review of Environmental Economics and Policy, Nature Energy, Nature Sustainability, Nature Communications, Economics Letters, Energy Research & Social Science, International Tax and Public Finance, Energy Economics, Resource and Energy Economics, Climate Policy, Economics of Transition and Institutional Change, Climate Change Economics, Energy Journal, Journal of Institutional Economics, Resources Policy, Energy and Climate Change.*

Other: *Studienstiftung des deutschen Volkes, The National Science Centre (Poland), IPCC, EAERE Annual Conference, KU Leuven Research Council, WIMEK PhD Programme Wageningen University & Research, Lancet Countdown on Health and Climate Change.*

PhD Supervision

Lukas Rischen (Primary supervisor 2024-)

Marc-Philipp Bohnet (Primary supervisor 2022-)

Philip Fliegel (Primary supervisor 2022-)

Maria Zioga (Mentor 2022-)

Angelika von Dulong (Mentor 2019-2023): *EAERE Award for Best Doctoral Dissertations in Environmental and Resource Economics 2024*

PhD Committee Member (Humboldt-Universität zu Berlin)

Felicitas Beier (2026, Committee Chair), Lorenz Schmidt (2025), Vanessa Völz (2025, Committee Chair), Antonia Schuster (2024), Richard Orozco (2023), Daniel Tudela (2023), Vera Porwollik (2022), Zuhal Elnour (2021), Davit Stepanyan (2021), Anna Buschmann (2020), Carla Dohmwirth (2020).

Teaching

Environmental and Resource Economics (Summer Term 2025), Masters, Berlin School of Economics/Humboldt-Universität zu Berlin.

Umwelt- und Ressourcenökonomik (Summer Term 2025), Bachelors, Humboldt-Universität zu Berlin.

Advanced Environmental and Resource Economics (Winter Term 2023/24), Masters, Humboldt-Universität zu Berlin.

The Political Economy of Climate Policy and Finance (Winter Term 2023/24), Masters, Humboldt-Universität zu Berlin.

Institutional Economics and Political Economy (Winter Term 2020/21 with Eisenack et al.), Masters, Humboldt-Universität zu Berlin.

The resource curse: From research to policy (Winter Term 2019/20, with DIW), Masters, Humboldt-Universität zu Berlin.

Advanced Environmental and Resource Economics: Game Theory and Political Economy of the Environment (Winter Term 2018/19), Masters, Humboldt-Universität zu Berlin.

Theoretical, experimental and empirical methods to study Socio-Ecological-Technical Systems in Central Asia (with Kasymov et al.), American University of Central Asia.

Environmental and Resource Economics III (Winter Term 2016/17 with Eisenack et al.), Masters, Humboldt-Universität zu Berlin.

Research Project: Polycentric Climate Governance (Winter Term 2015/16), Masters, Carl von Ossietzky University Oldenburg.

Microeconomic Foundations of Environmental and Resource Economics (Winter Term 2014/15 and Winter Term 2015/16), Masters, Carl von Ossietzky University Oldenburg.

Tutorial Resource Economics (Summer Term 2014 and Summer Term 2015), Masters, Carl von Ossietzky University Oldenburg.

Supervision of Master's Theses (Humboldt-Universität zu Berlin)

Sascha Fast: An exploration of the financial and non-financial motivations, opportunities, and abilities that influence participation in sustainable crowd investment platforms.

Lauren Henn: Local Governments in Climate Action: The Role of Temperature Shocks and Weather-Related Disaster in Driving Global Covenant of Mayors Participation.

Charlotte Borstelmann: The Influence of Climate Policy Stringency on Corporate Climate Performance.

Lilly Hock: Net Zero climate alliances of financiers and carbon emission in the real world.

Maximilian Wolff: Climate policy-induced asset stranding in the coal power sector and policies implemented by central banks.

Jonathan Opitz: Climate Cooperation among Cities – Heterogeneity in a Simulated Theoretical Model.

Lukas Berger: Climate policies in a two-dimensional political equilibrium (Albrecht-Daniel-Thaer-Award for best Master Thesis, PhD Student at DIW Graduate Center).

Ece Caliskan: Drivers of Climate Policies: A Machine Learning Approach.

Lara Wähling: The impact of market power and fossil fuel emission intensities on the choice between demand-side and supply-side climate policies (PhD student at Kiel Institute for the World Economy).

Lea Fink: What drives firms to successfully cooperate on climate change? (THESys Award for best Master Thesis 2018).

Qian Che: Strategic Inter-Fossil Fuel Effects of Climate Policies. A Game-Theoretic Analysis.

Sem Oxenaar: Mapping the financial and organizational interdependencies between the Dutch state and the fossil fuel industry (Researcher at the Dutch Research Institute for Transitions).

Nicolle Möller: Trade Unions' Participation in International Networks for Energy Democracy and Climate Change Mitigation (PhD student at Syracuse University).

Francis Beeson: The Political Economy of the Environment and Resources.

Joseph McPherson: Transboundary spillovers of climate adaptation measures.

Conference and Workshop Organization since 2018

2023	Workshop *Climate finance, financial regulation and the political economy: Steering the green transition* at Humboldt-Universität zu Berlin.
2023	Workshop *Financial Regulation - Going Green* at Humboldt-Universität zu Berlin.
2022	Workshop *Stranded Assets in the Fossil Resource Sector* at DIW Berlin.
2021	Thematic Session: *Climate Policy, Stranded Assets and Financial Stability* at the 26th Annual Conference of the European Association of Environmental and Resource Economists.

2021	26th Annual Conference of the European Association of Environmental and Resource Economists: Local Scientific Committee.
2020	25th Annual Conference of the European Association of Environmental and Resource Economists: Local Scientific Committee.
2019	Workshop *Stranded assets – what, where, who?* Humboldt-Universität zu Berlin.
2018	Thematic Session: *Political Economy Levers of Environmental Cooperation* at the 6th World Congress of Environmental and Resource Economists, Gothenburg.

Selected Presentations

2026	University of East Anglia, Centre for Environmental Economics Montpellier, Workshop on Experiments for the Environment Augsburg (scheduled), Workshop "Trouble ahead? Macro-financial implications of the low-carbon transition" HU Berlin (scheduled)
2025	Stanford "Political Economics of Environmental Sustainability Conference", CESifo Area Conference on Energy and Climate Economics, EAERE Conference, RWI/WZB PROSOCIAL Workshop, Vienna Workshop "The Political Economy of the Environment", University of Bologna, University of Graz.
2024	ifo Institute, VfS Jahrestagung, Wageningen University, PIK.
2023	EAERE Conference, EPCS Meeting, MCC, University of Darmstadt, Economics of Sustainability Workshop University of Oxford.
2022 and before	SURED Conference (2022, 2020, 2018), EAERE Conference (2021, 2020, 2017, 2015), WCERE (2018), AERE Summer Conference (2021), EEA Congress (2021), VfS Jahrestagung (2021), IIPF Annual Congress (2021), EPCS Meeting (2021), PET (2019), LAGV (2017), Coalition Theory Network Workshop (2016, 2015), WZB-Workshop "Instrumentalizing Economics for Political Goals, Instrumentalizing Politics for Economic Goals" (2021), ESOP Seminar University of Oslo (2020), Statistics Norway (2020), LSE (2017), University of Mannheim (2019), ZEW (2019), Wageningen University (2019), ifo Workshop Climate and Energy Policy (2019), Berlin Economics Workshop on Taxation -- Theory and Application DIW (2019), Workshop on Social Norms and Public Goods TU Freiberg (2019), Second Environmental Protection and Sustainability Forum Bath (2015), IMA Conference on Game Theory and its Applications Oxford (2014), Zhejiang University (2017, 2016), American University of Central Asia, Bishkek (2017).

Service to the Profession

2025	Local Course Coordinator Humboldt-Universität zu Berlin: Global Doctoral Course in Financial Economics of Climate and Sustainability (FECS 2025).
2024	Local Course Coordinator Humboldt-Universität zu Berlin: Global Doctoral Course in Financial Economics of Climate and Sustainability (FECS 2024).
2022	Member of the BSE Admission Committee, Berlin School of Economics.

2015 – 2016 Member of the Department Council and the Doctoral Committee of the Department of Business Administration, Economics, and Law, Carl von Ossietzky University Oldenburg.

2015 – 2016 Member of the Admissions Committee and the Examination Board, Master's Programme Sustainability Economics and Management, Carl von Ossietzky University Oldenburg.