

Curriculum Vitae – Achim Hagen

Affiliations and Positions

since 2018	Post-Doc, Resource Economics Group, Humboldt-Universität zu Berlin.
since 2020	Research Associate, Berlin School of Economics.
since 2020	Fellow, Berlin Center for Consumer Policies (BCCP).
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.
2012 – 2014	Student Assistant, Research Group Environment and Development Economics, Carl von Ossietzky University Oldenburg.
2009 – 2010	Student Assistant, Sustainability Economics Group, Leuphana University Lüneburg.
2007 – 2008	Alternative civilian service, Öko-Institut e.V. Institute for Applied Ecology.

Research Visits

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.
2011 – 2014	Master of Arts Sustainability Economics and Management (with Distinction), Carl von Ossietzky University Oldenburg. Thesis title: Climate Clubs vs. Global Cooperation: Modeling two International Environmental Agreements with Asymmetric Countries.
2013	Summer Term in the Master's Programme Economie de la Mondialisation, Université Nice Sophia-Antipolis.
2008 – 2011	Bachelor of Science Environmental Sciences/ Economic Sciences (with Distinction), Leuphana University Lüneburg. Thesis title: Relationship between environmental and price risks in southern African cattle production.

Papers Peer Reviewed

Hagen, A. and J. Schneider. (2021). Trade sanctions and the stability of climate coalitions. *Journal of Environmental Economics and Management*, accepted.

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.

Hagen, A., J.-C. Altamirano-Cabrera and H.-P. Weikard. (2020). National political pressure groups and the stability of international environmental agreements, *International Environmental Agreements: Politics, Law and Economics*, <https://doi.org/10.1007/s10784-020-09520-5>.

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.

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

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.

Book Chapter Peer Reviewed

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.

Working Papers

Hagen, A. (2021). Contested compromise: Climate policy reforms as share contests. *EAERE 2021 Conference Paper*.

Vogt, A., A. Hagen, R. Mendelevitch and K. Eisenack. (2021). Buy coal and gas? Addressing interfuel carbon leakage on deposit markets with market power.

Montes de Oca, M., F. Holz and A. Hagen. (2021). The political economy of fossil-fuel subsidy removal: Theory and empirical evidence from presidential democracies. *EAERE 2021 Conference Paper*.

Hagen, A. and M. Schopf. (2021). Green Protection for Sale: The Impact of Industrial Lobbying on International Cooperation in the Presence of Border Carbon Adjustment. *EAERE 2021 Conference Paper*.

Hagen, A. and A. Vogt. (2021). Predictors of climate policy stringency - A machine learning approach. *EAERE 2021 Conference Paper*.

Hagen, A., N. Jaakkola and A. Vogt. (2021). Endogenous climate policy, systemic risk and asset stranding. *EAERE 2021 Conference Paper*.

Hagen, A. and C. Roolfs. (2020). Self-Enforcing Environmental Confederations. *SURED 2020 Conference paper*.

Hagen, A. and H.-P. Weikard. (2020). Adaptation first: Does it hinder or help to form climate agreements. *EAERE 2020 Conference paper*.

Selected Work in Progress

Stranded assets and realistic climate policy advice. With A. Gard-Murray, N. Jaakkola, S. Sen, and A. Vogt. Commissioned by *Review of Environmental Economics and Policy*.

Cooperation, inequality and equity in the provision of public goods: experimental evidence. With L. Bartels and C. Gallier.

Other Publications

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

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.

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>.

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

Mendelevitch, R., P. Neetzow, A. Gotgelf, A. Hagen, J. Meya, M. Roggero and K. Eisenack. (2019). Beim Kohleausstieg sollten wir uns nicht auf eine unsichtbare Hand verlassen. *Positionspapier der Arbeitsgruppe Ressourcenökonomie*, Humboldt-Universität zu Berlin.

Scholarships and Awards

- | | |
|-------------|--|
| 2018-2019 | WASS-Grant for Resarch Visit at Wageningen University. |
| 2018 | Conference Presentation Award for Young Researchers (Vortragsprämie) of the German Economic Association for presentation at the 6 th World Congress of Environmental and Resource Economists. |
| 2017 | Best Poster Award at 23 rd 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). |

Research Funding

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

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; sub-project volume: 337.000€) October 2018 – September 2021.

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

Reviewer

Journals: *Nature Communications, International Tax and Public Finance, Energy Economics, Resource and Energy Economics, Climate Policy, Energy Journal, Journal of Institutional Economics.*

Funding Bodies, Assessments, Conferences: *The National Science Centre (Poland), IPCC, EAERE.*

Activities as Consultant

European Court of Auditors.

Selected Presentations

- 2021 EEA Congress (virtual-scheduled).
 VfS Jahrestagung (virtual-scheduled).
 Meeting of the European Public Choice Society (virtual).
 AERE Summer Conference (virtual).
 26th EAERE Conference (virtual-scheduled).
- 2020 University of Oslo, ESOP Seminar.
 Statistics Norway.
 25th EAERE Conference (virtual).
 SURED Conference (virtual).
- 2019 Berlin Economics Workshop on Taxation -- Theory and Application, DIW Berlin.
 Workshop on Social Norms and Public Goods, TU Freiberg.
 ifo Workshop Climate and Energy Policy, Benediktbeuern.
 International Conference on Public Economic Theory (PET), Strasbourg.
 Wageningen University.
 University of Mannheim.
 ZEW – Leibniz Centre for European Economic Research, Mannheim.
- 2018 6th WCERE, Thematic Session: *Political Economy Levers of Environmental Cooperation*
 (with B. Harstad, A. Tavoni and R. Winkler).
 8th SURED Conference, Ascona.
- 2017 London School of Economics and Political Science (LSE), London.
 Zhejiang University, Hangzhou.
 American University of Central Asia, Bishkek.
 23rd EAERE Conference, Athens.
 16th Journées LAGV, Aix-en-Provence.
 The emerging complexity of climate adaptation governance in a globalising world,
 EPCS Conference, Budapest (accepted).
- 2016 Zhejiang University, Hangzhou.
 21st Coalition Theory Network Workshop, Moscow.
 IASC Conference Commons in a `Glocal` World, Bern.
- 2015 21st EAERE Conference, Helsinki.
 Second Environmental Protection and Sustainability Forum: Towards Global
 Agreements on Environmental Protection and Sustainability, Bath.
 20th Coalition Theory Network Workshop, Venice.

AURÖ Young Researcher Workshop on Environmental & Resource Economics, Hamburg.

2014 IMA Conference on Game Theory and its Applications, Oxford.
IECGN Conference “Beyond 2015: Exploring the Future of Global Climate Governance”, Amsterdam.

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

Lukas Berger: Climate policies in a two-dimensional political equilibrium (admitted as 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.

PhD Committees (Humboldt-Universität zu Berlin)

Davit Stepanyan (2021) – Member.

Anna Buschmann (2020) – Member.

Carla Dohmwirth (2020) – Member.

Teaching

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.

Conference and Workshop Organization

- 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.
- 2013 Organisation and Facilitation of the Dialogue Session “The Role of Subsidies in Sustainable Phosphorus Management” at the 1st Global TraPs World Conference Beijing and Member of the Knowledge Integration Unit Support Team in the Global TraPs Project (Global Transdisciplinary Processes on Sustainable Phosphorus Management).
- 2013 Students as Innovators in University Teaching, World Student Environmental Summit, Leuphana University Lüneburg.
- 2012 – 2015 Founding Member of the Nachdenkstatt (Transdisciplinary Platform for Sustainability), Recipient of the Student Environmental Award of the Deutsche Umweltstiftung, Organization of Annual Conferences, Workshops and Transdisciplinary Trainings.

Further Training

- 2017 Berlin Young Researchers’ Workshop on “The Study of Cooperatives”, Humboldt-Universität zu Berlin.
- 2016 InfraTrain Autumn School 2016 - Modelling Resource Markets: Advanced Methods of Operations Research, DIW Berlin/ Berlin University of Technology (TU).
- 2014 Alliance Summer School in Science and Policy 2014 - Climate Change Research: The Nexus of Natural and Social Science, Columbia University/ Sciences Po Paris / École polytechnique.
- 2012 Td Summer School: Transdisciplinary Research at the Science | Society interface, Leuphana University Lüneburg.

Academic Service

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.

Skills

Languages: German (native), English (fluent), French (good).

IT: LaTeX (good), Mathematica (good), Python (basic).