

Dr. Martin C. Hänsel

Curriculum Vitae

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Education and Qualifications

07/2018	PhD in Quantitative Economics, Thesis: “Essays on the Economics of Mitigating Climate Change”	Kiel University (CAU Kiel)
2016-2018	Doctoral Program “Integrated School of Ocean Sciences”	Future Ocean Cluster of Excellence, Kiel
2014-2018	Doctoral Program “Quantitative Economics”	Kiel University
2011-2013	MSc in Economics	Kiel University
2011	B.A. International Management	Bremerhaven University of Applied Sciences
2006	Abitur	Stiftsschule Amöneburg

Affiliations and Professional Experience

2019-today	Post-Doctoral Researcher in the FutureLab Public Economics and Climate Finance	Potsdam Institute for Climate Impact Research (PIK)
2014-2019	Research Assistant in the Group of Environmental, Resource and Ecological Economics (Prof. Dr. Martin Quaas), Department of Economics	Kiel University
2016-2017	Visiting Researcher in the Group of Jeroen C.J.M. van den Bergh, Institute for Environmental Science and Technology	Autonomous University of Barcelona
2012-2013	Student Assistant at Business Development and Technology Transfer Corporation of Schleswig-Holstein	Kiel
2010	Internship Hapag Lloyd (Shipping industry)	Hamburg
2008-2009	Research and Teaching Assistant Micro- and Macroeconomics	Bremerhaven University of Applied Sciences

Research Interests

Primary: Environmental and Natural Resource Economics, Public Economics

Secondary: Climate Economics, Integrated Assessment Modelling, Environmental Macroeconomics, Sustainability Economics, Social-Ecological Systems, Sustainability Science

Peer Reviewed Publications

- Drupp, M.A. and M.C. Hänsel (2021). Relative Prices and Climate Policy: How the Scarcity of Non-Market Goods Drives Policy Evaluation. *American Economic Journal: Economic Policy* 13(1): 168-201.
- Hänsel, Martin C. and J.C.J.M van den Bergh (2021). Taxing Interacting Externalities of Ocean Acidification, Global Warming and Eutrophication. *Natural Resource Modeling*, e12317. <https://doi.org/10.1111/nrm.12317>
- Hänsel, Martin C., Drupp, M.A., Johansson, D.J.A., Nesje, F., Azar, C., Freeman, M.C., Groom, B. and T. Sterner (2020). Climate economics support for the UN climate targets. *Nature Climate Change* 10(8), 781-9.
- Hänsel, Martin C., Schmidt, J.O., Stiasny, M.H., Stoeven, M.T., Voss, R. and M.F. Quaas (2020). Ocean warming and acidification may drag down the commercial Arctic cod fishery by 2100. *PLoS ONE* 15(4): e0231589.
- Voss, Rudi, Quaas, Martin F., Stiasny, Martina H., Hänsel, Martin C., Stecher Justiniano Pinto, Guilherme A., Lehmann, Andreas et al. (2019). Ecological-economic sustainability of the Baltic cod fisheries under ocean warming and acidification. *Journal of Environmental Management* 238: 110–118.
- Hänsel, Martin C. and M.F. Quaas (2018). Intertemporal Distribution, Sufficiency, and the Social Cost of Carbon, *Ecological Economics* 146: 520–535.

Working Papers

- Hänsel, Martin C., Franks, M., Kalkuhl, M. and Ottmar Edenhofer. Optimal Carbon Taxation and Horizontal Equity. A Welfare-Theoretic Approach with Application to German Household Data. CESifo Working Paper No. 8931. *R&R at the Journal of Environmental Economics and Management*

Teaching Experience

2021	The Economics of Climate Change (Tutorial/Lecture, Master), joint with Max Franks and Ottmar Edenhofer	Technical University of Berlin
2020-2021	The Economics of Climate Policy (Tutorial/Lecture, Master), joint with Max Franks and Ottmar Edenhofer	Technical University of Berlin
2016-2018	Environmental and Resource Economics (Seminar, Master)	Kiel University
2017	Integrated Climate and Economic Modeling (Lecture, Master)	Kiel University and GEO-MAR
2016-2017	Intermediate Microeconomics (Tutorial, Bachelor)	Kiel University
2016	Sustainability Economics (Tutorial, Bachelor/Master)	Kiel University
2008-2009	Microeconomics (Tutorial, Bachelor)	Bremerhaven University of Applied Sciences
2008-2009	Macroeconomics (Tutorial, Bachelor)	Bremerhaven University of Applied Sciences

Supervision

2020-2021	Tommaso Ficara (Master Thesis): The Economics of Planetary Boundaries: The Role of Biodiversity Loss for the Integrated Assessment of Climate Change	Technical University of Berlin
2021	Theresa Iglauer (Master Thesis): Horizontal Equity and Labor Supply in an Optimal Environmental Taxation Framework	Technical University of Berlin

Presentations on International Conferences and Workshops

2021	Invited Presentation at the North-East Atlantic Ocean Acidification Workshop; EAERE Conference (remote); Congress of the International Institute of Public Finance
2020	EAERE Conference (remote); 76th Annual Congress of the International Institute of Public Finance; Post EAERE Workshop on the Economics of Inequality and the Environment; Monte Verità Conference on Sustainable Resource Use and Economic Dynamics
2019	EAERE Conference Manchester, Environmental Economics Workshop Gothenburg
2018	Annual Congress of the European Economic Association, Cologne
2017	EAERE Conference Athens; EAERE-FEEM-VIU European Summer School in Resource and Environmental Economics, Venice; World Conference on Natural Resource Modeling, Barcelona
2016	Special session on Environment and Economic Growth, IPAG 7th International Research Meeting in Business and Management, Nice; ERSC Workshop on Climate Ethics and Climate Economics: Discounting the Future, Oxford
2015	World Conference on Natural Resource Modeling, Bordeaux; EAERE Conference, Helsinki
2014	Workshop in Sustainability Economics: Intergenerational Justice under Uncertainty, Camp Reinsehlen; CERE Ulvön Conference on Environmental Economics, Ulvön

Research Funding

2014-2020	Scientific Contribution and Administrative Support: KLIF, German Research Foundation: Integrierte Finanz- und Klimapolitik: Handlungsspielräume für Nationalstaaten unter Wettbewerbsdruck BONUS BLUEWEBS, EU: Blue Growth boundaries in novel Baltic food webs BIOACID, BMBF: Biological Impacts of Ocean Acidification ECCUITY, BMBF: Economics of Climate Change: Distribution, Efficiency, and Policy under Uncertainty
10/2016-03/2017	Third-party funding by the Kiel Cluster of Excellence "The Future Ocean": Assessing Temperature versus Ocean Acidification Dynamics in an Integrated Model of Environmental Quality and the Global Economy

Outreach and Professional Activities

2021	Editor for a Special Issue on “A New Decade of Research on the Economics of Climate Change: Towards an Integrated View on a Sustainable Use of the Biosphere” of the Journal of Economics and Statistics
2019	Invited Expert for a Workshop on the Social Cost of Carbon organized by the German Environment Agency (UBA)
2019-2020	Scientific Consultancy about Carbon-Pricing for Policy-makers in Germany as part of ‘Leibnitz im Bundestag’
2018	Contribution to International Assessment Report on Socio-economic Effects of Ocean Warming and Acidification in the Arctic: AMAP, 2018. AMAP Assessment 2018: Arctic Ocean Acidification. Arctic Monitoring and Assessment Programme (AMAP), Tromsø, Norway
2018-today	Reviewer (multiple times*): Nature Climate Change*, Nature Communications*, Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Environmental and Resource Economics*, Environmental Innovation and Societal Transitions, Economics E-Journal
2014-today	Member of the European Economic Association, European Association of Environmental and Resource, Resource Modeling Association

Scholarships and Awards

2020	Invitation to the 7th Lindau Nobel Laureate Meeting on Economic Sciences, Invitation to present in the last round for Brandenburg’s PostDoc Prize
2015-2017	e-fellows Scholarship
2015	Best Scientific Poster Award on World Conference on Natural Resource Modeling, Bordeaux

Language and Software Skills

Languages	German (native), English (fluent), Spanish (advanced)
Software	Microsoft Office, AMPL Mathematical Programming Language, Latex, Matlab, Stata, Mathematica

M. Hänsel