CURRICULUM VITAE

Martin F. Quaas

EDUCATION	
2004	PhD, Economics, University of Heidelberg (summa cum laude)
1998	Diplom (MSc), Physics, University of Duisburg
1993	Abitur, Helmholtz-Gymnasium, Essen
Positions	
since 2018	Professor of Biodiversity Economics, Faculty of Economics, Leipzig University and German Centre for Integrative Biodiversity Research (iDiv)
2007-2018	Professor of Environmental, Resource-, and Ecological Economics, Department of Economics, Christian-Albrechts-University of Kiel. 2007–2010 junior professor; 2010–2015 associate professor (W2, tenured); 2015–2018 full professor (W3, tenured)
2004-2007	Postdoc, Department of Ecological Modelling, Helmholtz Centre for Environmental Research – UFZ, Leipzig
2006	Postdoc, CentER for Economic Research, Department of Economics, Tilburg University, The Netherlands (January–August)
2002-2004	Research and Teaching Assistant, Interdisciplinary Institute of Environmental Economics, University of Heidelberg (Coordination of PhD Program <i>Environmental and Resource Economics</i>)
2001	Visiting Scholar, Indira Ghandi Institute for Development Research, Mumbai, India (February–March)
2000	Research and Teaching Assistant, Alfred Weber Institute, University of Heidelberg

FIELD OF RESEARCH

Ecological, Environmental and Natural Resource Economics

EXTERNALLY FUNDED RESEARCH PROJECTS			
2020–2021	ValuGaps – Towards a comprehensive valuation of natural capital in Germany: Methods and approaches to deal with limited information and uncertainty (German Federal Ministry of Education and Research, BMBF, Wertschätzung und Sicherung von Biodiversität in Politik, Wirtschaft und Gesellschaft)		
2021–2023	CO2Meso – Mesopelagic resources, stressors and protection: a first risk assessment (German Federal Ministry of Education and Research, BMBF, MARE:N)		
2020-2023	BaltADAPT – Adaptation of the Western Baltic Coastal Fishery to Climate Change (German Federal Ministry of Education and Research, BMBF, MARE:N)		
2020–2023	CRAMORES – Changing risks and mobile common pool resources: Economic analysis of resource-user behavior and policy instruments for sustainability (German Research Foundation DFG, Franco-German Call in Humanities and Social Sciences, Collaboration with Nicolas Querou, Montpellier)		
2019–2022	SOMBEE – Scenarios Of Marine Biodiversity and Evolution under Exploitation and climate change (BELMONT Forum, coordinated by Yunne Shin, IRD, France)		
2019–2022	FOCUS – Food security and sustained coastal livelihoods through linking land and ocean (German Federal Ministry of Education and Research, BMBF, Bioeconomy program)		
2017–2022	marEEshift – Marine ecological-economic systems in the Western Baltic Sea and beyond: Shifting the baseline to a regime of sustainability (funded by German Federal Ministry of Education and Research, BMBF, BioTip program)		
2017–2022	Humboldt-Tipping – Tipping points of the Humboldt Current Upwelling System and Economic Repercussions (funded by German Federal Ministry of Education and Research, BMBF, BioTip program)		
2019–2026	ROOTS – Social, Environmental, and Cultural Connectivity in Past Societies (Cluster of Excellence, Kiel University; Co-Applicant)		
2016–2020	LEAC II – LEarning About Cloud modification under risk and uncertainty: Investigation of feasibility, traceability, Incentives and decentralised governance of limited-area climate engineering (German Research Foundation, DFG priority programme 1689 Climate Engineering: Risks, Challenges, Opportunities?)		
2015–2018	KoBeFish – Nachhaltiger Konsum und Bewirtschaftung von Meeresfischen (Sustainable consumption and management of marine fisheries; German Federal Ministry of Education and Research, BMBF)		
2012–2017	Phase II of Future Ocean, Cluster of Excellence		
2013–2016	LEAC – Learning about cloud brightening under risk and uncertainty: Whether, when and how to do field experiments (German Research Foundation, DFG priority programme 1689 Climate Engineering: Risks, Challenges, Opportunities?)		
2013-2017	AWA – Ecosystem Approach to the management of fisheries and the marine environment in West African waters (German Federal Ministry of Education and Research, BMBF)		

2012–2015	BIOACID II – Biological Impacts of Ocean Acidification (German Federal Ministry of Education and Research, BMBF)
2012–2015	ECCUITY – Economics of Climate Change: Distribution, Efficiency, and Policy under Uncertainty (German Federal Ministry of Education and Research, BMBF)
2012–2015	MYFISH - Maximising yield of fisheries while balancing ecosystem, economic and social concerns (European Commission)
2012–2015	SOCIOEC – Socio economic effects of management measures of the future CFP (European Commission)
2010–2013	EIGEN – Efficient inter- and intragenerationally just use of ecosystem services (German Federal Ministry of Education and Research, BMBF)
2010–2012	FACTS – Foraging Fish Interactions (European Commission)
2009–2012	BIOACID – Biological Impacts of Ocean Acidification (German Federal Ministry of Education and Research, BMBF)
2007–2011	Junior Research Group <i>Living Resources and Overfishing</i> within the Kiel Cluster of Excellence <i>Future Ocean</i>
2007–2010	Sustainable Use of Ecosystem Services under Uncertainty (German Federal Ministry of Education and Research, BMBF)

PUBLICATIONS IN PEER-REVIEWED INTERNATIONAL JOURNALS

- 98 articles in peer-reviewed international journals since 2007
- h Index 24, 2051 citations (Web of Science, 1 January 2021)
- h Index 25, 2270 citations (Scopus, 1 January 2021)
- h Index 32, 4474 citations (Google Scholar, 1 January 2021)
- ORCID: 0000-0003-0812-8829
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forthcoming

- [98] Bertram C, Quaas MF, Reusch TBH, Vafeidis AT, Wolff C, Rickels W (2021). The blue carbon wealth of nations. *Nature Climate Change* doi: 10.1038/s41558-021-01089-4.
- [97] Bronnmann J, Stoeven MT, Quaas MF, Asche F (2021). Measuring motivations for choosing ecolabeled seafood: Environmental concerns and warm glow. *Land Economics* **97**(3).

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- [94] Rickels W, Quaas MF, Ricke K, Quaas J, Moreno-Cruz J, Smulders S (2020). Who turns the global thermostat and by how much? *Energy Economics* **91**: 104852

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- [1] Lange A and Quaas MF (2007). Economic Geography and the Effect of Environmental Pollution on Agglomeration, *The B.E. Journal of Economic Analysis & Policy* 7(1, Topics), Article 52.

ORGANISATION OF INTERNATIONAL SCIENTIFIC CONFERENCES

2018 International Workshop in Sustainability Economics: Responsibility for the Sustainable Management of the Global Commons (co-organized with Stefan Baumgärtner and Moritz Drupp)

International Workshop in Sustainability Economics: *Marine ecological-economic systems in the Western Baltic Sea and beyond: Shifting the baseline to a regime of sustainability* (co-organized with Christian Möllmann and Stefan Baumgärtner)

5th Workshop on Age-structured models in Natural Resource Economics (coorganized with Max Stoeven, Anders Skonhoft, Olli Tahvonen, Niels Vestergaard)

International Workshop *Climate Engineering Regulation and Liability*, Kiel (co-organized with Johannes Quaas)

2015 EAERE 2015 Helsinki pre-conference workshop: *Economic-ecological models in resource economics* (co-organized with Olli Tahvonen, University of Helsinki)

International Workshop in Sustainability Economics: *Experiments on Intergenerational Justice under Uncertainty* (co-organized with Stefan Baumgärtner, University of Freiburg)

International Workshop in Sustainability Economics: Intergenerational Equity and Efficiency under Uncertainty, Camp Reinsehlen (co-organized with Stefan Baumgärtner, University of Freiburg)

2012	International Workshop in Sustainability Economics: Responsibility for Sustainability. Combining the Perspectives of Economics and Philosophy, Camp Reinsehlen (co-organized with Stefan Baumgärtner, University of Freiburg)
	International Workshop on Managing Genetic Diversity of Fishes? List, Sylt
2010	ICES Workshop on Introducing coupled ecological-economic modelling and risk assessment into management tools (WKIMM), Kiel
2008	International workshop in Sustainability Economics: <i>Conceptualizing Sustainability under Uncertainty</i> , Camp Reinsehlen (co-organized with Stefan Baumgärtner, University of Freiburg)
	Session on Marine Life and Biodiversity, 2nd Bi-Annual Symposium: <i>The Future Ocean</i> , Kiel
2007	7 th Conference of the European Society for Ecological Economics: <i>Integrating Natural and Social Sciences for Sustainability</i> , Leipzig (member of Scientific and local organizing committee)
2004	International workshop <i>Environment and Network Industries</i> , University of Heidelberg
2003	Member of the scientific committee, Conference <i>New blood in ecotoxicology</i> , Society of Environmental Toxicology and Chemistry, University of Heidelberg
2003	International workshop <i>Spatial Environmental Economics</i> , University of Heidelberg

REVIEWER FOR INTERNATIONAL JOURNALS

293 review reports on articles for 76 different international scientific journals, including: Agricultural Economics; American Journal of Agricultural Economics; Biological Conservation; Canadian Journal of Economics; Canadian Journal of Fisheries and Aquatic Sciences; Conservation Biology; Ecological Economics; Ecological Modelling; Environment and Development Economics; Environmental and Resource Economics; Environmental Conservation; Environmental Modelling & Software; European Economic Review; European Review of Agricultural Economics: Fish and Fisheries: Fisheries Research: Global Change Biology: Global Environmental Change; ICES Journal of Marine Sciences; Journal of the Association of Environmental and Resource Economists; Journal of Applied Ecology; Journal of Cleaner Production; Journal of Economic Dynamics and Control; Journal of Economic Geography; Journal of Economic Growth; Journal of Environmental Economics and Management; Journal of Environmental Management; Journal of Mathematical Biology; Journal of Regulatory Economics; Journal of Theoretical Biology; Journal of Urban Economics; Marine Resource Economics; Natural Resource Modeling; Nature Climate Change; Nature Ecology and Evolution; Nature Sustainability; Papers in Regional Science; PLOS One; PNAS; Proceedings of the Royal Society B; Rangeland Ecology and Management; Regional Science and Urban Economics; Regional Environmental Change; Resource and Energy Economics; Scandinavian Journal of Economics; Science Advances

REVIEWER FOR FUNDING AGENCIES

board: German Academic Exchange Service (DAAD) postdoc-fellowships/PRIME program (2008–2020); German Academic Exchange Service (DAAD) PhD fellowships for Africa (2012–2017)

ad hoc: European Research Council (ERC); German Research Foundation (DFG); German

Federal Ministry of Education and Research (BMBF); German National Academic Foundation; Agence Nationale de la Recherche française (ANR); Austrian Science Fund (FWF); Czech Science Foundation; Netherlands Organization for Scientific Research (NWO); Research Council of Norway; U.S.–Israel Binational Science Foundation

2021	first prize for special commitment in supervision of early-career researchers, Association of Friends and Sponsors of the Leipzig University
since 2021	editorial board, Review of Environmental Economics and Policy (University of Chicago Press)
since 2020	International Advisory Board, German Marine Research Alliance (DAM)
since 2019	Scientific Advisory Board, RWI – Leibniz Institute for Economic Research, Essen
since 2019	DFG Kommittee für Nachhaltigkeitsforschung in Future Earth
since 2019	co-editor, Journal of Environmental Economics and Management (Elsevier)
since 2018	Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), lead author for deliverable 3(d) – methodological assessment regarding the diverse conceptualization of multiple values of nature and its benefits
since 2018	associate editor, Marine Resource Economics (University of Chicago Press)
since 2016	member of the board of Resource Modeling Association
2016–2018	member of editorial board, Journal of Environmental Economics and Management (Elsevier)
since 2016	member of editorial board, Natural Resource Modeling (Wiley)
2015–2017	DFG Senatskommission Agroecosystem Research
2014–2016	Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), expert for deliverable 3(d) – scoping for an assessment and guide on methodologies regarding diverse conceptualization of values of biodiversity and nature's benefits to people
2013–2018	associate editor, Environment and Development Economics (Cambridge University Press)
2012–2016	DFG Senatskommission Biodiversity Research

UNIVERSITY ADMINISTRATION

2019–2020	speaker of economists, Faculty of Economics and Management Science, University of Leipzig
2015–2018	elected member of the Konvent, Faculty of Economics and Social Sciences
2014–2018	member of the steering committee of Kiel University's Graduate Center
2013–2018	head of PhD Program <i>Quantitative Economics</i> , Faculty of Economics, Business and Social Sciences, Kiel University

2013–2018	member of the steering committee of Kiel University's research priority area Kiel Marine Science (KMS)
2012–2018	speaker for research area <i>Ocean Sustainability</i> , Cluster of Excellence <i>Future Ocean</i>
2011–2018	member of steering committee for E-Learning at the Kiel University

FINISHED PHD STUDENTS

10 principal supervisor;	18 secondary	supervisor;	11	committee	member	at foreign	universi-
ties							

10 principal supeties	ervisor; 18 secondary supervisor; 11 committee member at foreign universi-
2020	Felix Meier (Kiel University; principal supervisor); Jennifer Okonkwo (Kiel University; principal supervisor); Florence Briton (University of Brest; member of committee); Robbert Schaap (University of Heidelberg; reviewer)
2019	Jussi Lintunen (Aalto University, Helsinki, Finland, Opponent)
2018	Martin Hänsel (Kiel University; principal supervisor)
	Kira Lancker (Kiel University; principal supervisor)
	Michael Holtkamp (Kiel University, secondary supervisor
	François Bareille (Comue University Bretagne Loire; président du jury)
2017	Moritz Drupp (Kiel University; principal supervisor)
	Gunnar Dreßler (University of Osnabrück, Environmental Systems Research; secondary supervisor) Dionysios Karavidas (Kiel University; secondary supervisor)
	Martina Stiasny (GEOMAR Kiel, marine Biology; member of committee)
2016	Christine Merk (Kiel University; secondary supervisor) Luu Duc Thi (Kiel University; secondary supervisor)
	Nadine Mengis (GEOMAR Kiel, Biogeochemistry; member of committee)
2015	Lorena Fricke (Kiel University; principal supervisor) Julia Hoffmann (Kiel University; principal supervisor)
	Christine Bertram (Kiel University; secondary supervisor) Sven Offick (Kiel University; secondary supervisor)
2014	Max T. Stöven (Kiel University; principal supervisor)
	Sandra Derissen (Kiel University; secondary supervisor) John-Oliver Engler (Leuphana University; secondary supervisor) Eva Papaioannou (Kiel University; Geography; secondary supervisor)
	Marie Catherine Riekhof (Kiel University; secondary supervisor) Esther Regnier (University of Paris I; rapporteur and member of committee)
2013	Ute Kapaun (Kiel University; principal supervisor) Frederik Noack (Kiel University; principal supervisor)

Frederik Noack (Kiel University; principal supervisor)

Lena Döpke (Kiel University; secondary supervisor) Andre-Rene Wolf (Kiel University; secondary supervisor)

Diana van Dijk (Wageningen University; member of committee)

Asle Gauteplass (Norwegian University of Science and Technology, Trond-

heim; member of committee)

Sophie Gourguet (University of Tasmania and Université de Bretagne Occi-

dentale, Brest; president of committee)

Oliver Jakoby (University of Osnabrück; secondary supervisor) 2011

Wilfried Rickels (Kiel University; secondary supervisor)

Sebastian Strunz (Leuphana University of Lüneburg; secondary supervisor)

Jaba Ghonghaze (Kiel University; secondary supervisor)

Anderies Richter (Wageningen University; member of committee)

2009 Thomas Lontzek (Kiel University; secondary supervisor)

CURRENT PHD STUDENTS AS PRIMARY SUPERVISOR

Isha Dube

Sophie Harzer

Claudia Kelsall

Lennard Kröger

Hosting of PostDocs				
2020-	Dr. Jennifer Okonkwo			
2019–	Dr. Patricia Grasse, Dr. Veronika Liebelt, Dr. Jasper N. Meya, Dr. Nadja Rüger, Dr. Hanna Schenk			
2019-2020	Dr. Jürgen Groeneveld, now at Helmholtz Centre for Environmental Research (UFZ)			
2018–	Dr. Kira Lancker			
2018–2019	Dr. Martin Hänsel, now Postdoc at PIK			
2017–2020	Dr. Julia Bronnmann, now assistant professor (tenure track) of environmental economics, University of Southern Denmark, Esbjerg			
2017–2018	Prof. Dr. Moritz Drupp, now Juniorprofessor (tenure track), Department of Economics, University of Hamburg			
2017–2018; 2020 Dr. Martina Stiasny, now Lecturer at University of Southampton				
2016–2019	Dr. Max Stöven, now employee of Ministry of Finance, Federal State of Schleswig- Holstein			
2016–2018	Dr. Julia Hoffmann, now personal assistant to the Minister of Finance, German Federal State of Schleswig Holstein			
2014–2017	Dr. Lorena Fricke, now Referentin für Wirtschaft und Energie bei einem Industrieverband			
2014–2015	Dr. Linda Kleemann, now Consultant Data Scientist, ICT4D, M&E GFA Consulting Group, Hamburg			
2014–2015	Prof. Dr. Marie-Catherine Riekhof, now Associate Professor (tenured) of Political Economy of Marine and Coastal Resource Management, Kiel University, Germany			

2014–2016	Dr. Esther Regnier, now maitre de conference (tenured), University of Brest, France
2014–2016	Dr. Wilfried Rickels, now head of research area <i>The Environment and Natural Resources</i> , Kiel Institute for the World Economy
2013	Prof. Dr. Frederik Noack, now assistant professor of Environmental and Resource Economics, University of British Columbia, Vancouver, Canada
2009–2018	Dr. Jörn O. Schmidt, now tenured senior scientist, Kiel University, and scientific chair of the International Council for the Exploration of the Seas (ICES)
2008-	Dr. Rudi Voss

THESES SUPERVISED

45 Master theses supervised

42 Bachelor theses supervised

26 Diploma theses supervised

COURSES TAUGHT

Winter 2020/2021 Natural Resource Use and Conservation Economics [Master Economics, Joint International Master Programme in Sustainable Development, Leipzig University]; Advanced Microeconomics, Central German Doctoral Programme in Economics

Summer 2020 Environmental and Biodiversity Economics [Master Economics, Joint International Master Programme in Sustainable Development, Leipzig University]

Winter 2019/2020 Natural Resource Use and Conservation Economics [Master Economics, Joint International Master Programme in Sustainable Development, Leipzig University]

Summer 2019 Environmental and Biodiversity Economics [Master Economics, Joint International Master Programme in Sustainable Development, Leipzig University]

Winter 2018/2019 Sustainability analysis of energy transformation [Joint International Master Programme in Sustainable Development, Leipzig University]

Summer 2018 Theories of Distributive Justice and Sustainability [Master Economics; Master Environmental and Resource Economics]; Spatial Economics [Master Economics]; Seminar Resource Economics [joint with SDU Esbjerg]; Seminar Urban Economics [Bachelor Economics]

Winter 2017/2018 Environmental Economics [Master Economics; Master Environmental and Resource Economics]; Economic Growth [Master Economics; Master Environmental and Resource Economics]; Urban Economics [Bachelor Economics]

Winter 2016/2017 Environmental Economics [Master Economics; Master Environmental and Resource Economics]; Theories of Distributive Justice and Sustainability [Master Economics; Master Environmental and Resource Economics]; Seminar Resource Economics [Master Economics]; Urban Economics [Bachelor Economics]; Sustainability Economics [Bachelor Economics, Master Sustainability, Society and the Environment]

- Summer 2016 Resource Economics [Master Environmental and Resource Economics; Master Economics]; Spatial Economics [Master Economics]; Seminar Resource Economics [joint with SDU Esbjerg]
- Winter 2015/2016 Environmental Economics [Master Economics; Master Environmental and Resource Economics]; Theories of Distributive Justice and Sustainability [Master Economics; Master Environmental and Resource Economics]; Seminar Resource Economics [Master Economics]; Urban Economics [Bachelor Economics]; Sustainability Economics [Bachelor Economics, Master Sustainability, Society and the Environment]
- Summer 2015 Resource Economics [Master Environmental and Resource Economics; Master Economics]; Seminar Resource Economics [joint with SDU Esbjerg]; Seminar Environmental Economics [Bachelor Economics]; Seminar Urban Economics [Bachelor Economics]
- Winter 2014/2015 Environmental Economics [Master Economics; Master Environmental and Resource Economics]; Theories of Distributive Justice and Sustainability [Master Economics; Master Environmental and Resource Economics]; Seminar Resource Economics [Master Economics]; Urban Economics [Bachelor Economics]; Sustainability Economics [Bachelor Economics, Master Sustainability, Society and the Environment]
- Summer 2014 Resource Economics [Master Economics]; Seminar Resource Economics [joint with SDU Esbjerg]
- Winter 2013/2014 Environmental Economics [Master Economics]; Theories of Distributive Justice [Master Economics]; Seminar Resource Economics [Master Economics]; Urban Economics [Bachelor Economics]; Sustainability Economics [Bachelor Economics, Master Sustainability, Society and the Environment]
- Summer 2013 Environmental Economics [Master Economics]; Resource Economics [Master Economics]; Seminar Resource Economics [joint with SDU Esbjerg]; Urban Economics [Bachelor Economics]
- Summer 2012 Environmental Economics [Master Economics]; Resource Economics [Master Economics]; Seminar Resource Economics [joint with SDU Esbjerg]; Seminar Urban Economics
- Winter 2011/2012 Theories of Distributive Justice [Master Economics]; Seminar Resource Economics
- Summer 2011 Resource Economics [Master Economics]; Spatial Economics [Master Economics]; Seminar Resource Economics [joint with SDU Esbjerg]; Seminar Urban Economics
- Winter 2010/2011 Urban Economics [Bachelor Economics]; Theories of Distributive Justice [Master Economics]; Seminar Resource Economics
- Summer 2010 Spatial Economics [Master Economics]; Seminar Resource Economics [joint with SDU Esbjerg]; Seminar Urban Economics
- Winter 2009/2010 Urban Economics [Bachelor Economics]; Seminar Resource Economics
- Summer 2009 Sustainability Economics [Bachelor Economics]; Seminar Resource Economics
- Winter 2008/2009 Urban Economics [Bachelor Economics]; Seminar Resource Economics
- Summer 2008 Resource Economics [Master Economics]; Seminar Resource Economics

Leipzig, 2021