

Markus Ohndorf

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Research Interests

Public Economics, Environmental and Climate Economics, Experimental Economics, Law and Economics

Education and Qualifications

- 2009 Dr. sc. (ETH) (Ph.D. in Economics), ETH Zurich, Switzerland
- 2000 Lic. rer. pol. (German/French bilingual Master of Economics), University of Fribourg, Switzerland

Employment

- 2016-2023: Non-tenured Professor for Economics at the Department of Public Finance, University of Innsbruck, Austria
- 2010-2015: Senior Researcher ("Oberassistent") at the Chair of Economics, ETH Zurich
- 2009-2010: Postdoctoral Researcher at the Institute for Environmental Decisions (IED), ETH Zurich
- 2006-present: Lecturer at ETH Zurich for Environmental Economics
- 2005-2007: Co-research analyst for the German Advisory Council on Global Change (WBGU)
- 2003-2006: Research Assistant at the Center for Economic Research, ETH Zurich
- 2001-2002: Research Assistant for the World Business Council for Sustainable Development (WBCSD), Geneva, Switzerland
- 2000-2001: Business Consultant for Information Technologies for Accenture (section Financial Markets), Frankfurt, Germany
- 1994-1996: NGO representative for AIESEC at United Nation Conferences ("Habitat II" in Istanbul, the World Summit of Social Development in Copenhagen, and the respective Preparation Committees in New York)

Courses taught (Lehrleistung)

Lecturer for the following courses at ETH Zurich, held in English:

- 2006-2014 Environmental Economics (undergraduate course, also partially taught at the Swiss Distance Learning University)
- 2009-2011 Business and Politics of Climate Change (graduate course)
- 2010-2013 Values and Regulation in Environmental Economics (undergraduate course)
- 2011 Public Choice (graduate course)
- 2011-2014 The Economics of Climate Change (graduate course)
- 2012-2014 The Energy Challenge - The Role of Technology, Business and Society (graduate course)
- 2012-2015 Lectures on the Political Economy of the Environment, Universitäre Fernstudien Schweiz

Teaching at the University of Innsbruck, Austria (See attached Teaching Record) since 2016:

1. Grundlagen der Volkswirtschaftslehre (Vorlesung und Proseminar, Bachelor-Level)
2. Finanzwissenschaft (Public Economics, Master-Level)
3. Finanzwissenschaft: Ökonomische Theorie der Politik (Vorlesung und Proseminar, Bachelor-Level)
4. Umweltökonomie (Different Lectures for Bachelor-Students, Master-Students, and PhD-Level)
5. Nachhaltige Entscheidungsfindung und nachhaltiges Verhalten: die sozioökonomische und die Management-Perspektive (interdisciplinary, supplementary course for all levels)
6. Supervision of Bachelor and Master Theses

Grants and Awards

PI for the Project *Investigating Climate Justice Preferences for Financing Instruments for Loss and Damage (CLIP-FIELD)* (2020-2023) funded by the Austrian Climate Research Program (ACRP) (Overall Grant 300k Euro)

EAERE Award for Outstanding Publication in the Journal Environmental and Resource Economics (ERE) 2015, received at EAERE 2016

Off4Firms - EIT Climate-KIC Innovation Project - 01.04.2012-01.06.2014

Applied research on Employer-led CO₂ and Energy Reductions by Employees, Project ownership together with Prof. Renate Schubert in collaboration with Southpole Carbon, Zurich (Overall Grant 1.2 Mio Euro)

Publications

Scientific articles in refereed journals

1. Expressive voting versus information avoidance: experimental evidence in the context of climate change mitigation, *Public Choice*, forthcoming.
2. An integrative approach to evaluate ecosystem services of mountain lakes using multi-criteria decision analysis, with Veronika Fontana, Manuel Ebner, Uta Schirpke, Hanna Pritsch, Ulrike Tappeiner, and Rainer Kurmayer, *Ecological Economics*, November 2022, 107678.
3. Information avoidance, selective exposure, and fake (?) news: Theory and experimental evidence on green consumption, with Katharina Momsen, *Journal of Economic Psychology*, 88, January 2022, 102457.
4. When do people exploit moral wiggle room? An experimental analysis of information avoidance in a market setup, with Katharina Momsen, *Ecological Economics* 169C, 2020, 106479.
5. Coasean Bargaining in the Presence of Pigouvian Taxation, with Ian MacKenzie, *Journal of Environmental Economics and Management* 75C, January 2016, pp. 1-11.
6. Caps on Coasean Transfers, with Ian MacKenzie, *Oxford Economic Papers* 68(2), 2016, pp. 566-584.
7. Advancing the interdisciplinary dialogue on climate justice, with Dominic Roser, Christian Huggel, Ivo Wallimann-Helmer, *Climatic Change* 133(3), December 2015, pp 349-359.
8. Emission budget approaches for burden sharing: some thoughts from an environmental economics point of view, with Julia Blasch and Renate Schubert, *Climatic Change* 133(3), December 2015, pp 385-395.
9. Altruism, Moral Norms and Social Approval: Joint Determinants of Individual Offset Behavior, with Julia Blasch, *Ecological Economics* 116, August 2015, p. 251-260.
10. A model of benchmarking regulation: revisiting the efficiency of environmental standards, with Joschka Gerigk and Ian MacKenzie, *Environmental and Resource Economics* 62(1), September 2015, pp 59-82. (The paper received the EAERE Award for Outstanding Publication in ERE 2015.)
11. Restricted Coasean Bargaining, with Ian MacKenzie, *Journal of Public Economics* 97, January 2013, pp 296-307.
12. Optimal monitoring of credit-based emissions trading under asymmetric information, with Ian MacKenzie, *Journal of Regulatory Economics* 42(2), October 2012, pp 180-203.
13. Cap-and-trade, taxes, and distributional conflict, with Ian MacKenzie, *Journal of Environmental Economics and Management* 63(1), January 2012, pp 51-65.
14. Prices vs. Quantities with Fiscal Cushioning, with Moritz Rohling, *Resource and Energy Economics* 34(2), May 2012, pp 169-187.
15. Enforcement-proof contracts with moral hazard in precaution: ensuring 'permanence' in carbon sequestration, with Ian MacKenzie and Charles Palmer, *Oxford Economic Papers* 64(2), April 2012, pp 350-374.
16. Optimal liability apportionment in programmatic credit-based emissions trading, with Katja Halbritter, *Climate Policy* 12(4), August 2012, pp 440-452.

Book contributions

Klimapolitik auf der Basis klima-oekonomischer Modelle? (with Renate Schubert and Anna Delas), 2014, Review article, Schweizerische Zeitschrift fuer Forstwesen 165, 210.

Mainstreaming Impact over Time - Who Measures What for Whom?, (with Renate Schubert and Moritz Rohling) in: Koehn, D. (ed.) (2012), *Greening the Financial Sector: How to Mainstream Environmental Finance in Developing Countries*, Springer, Berlin, Heidelberg, 165-190.

Regulatory and Contractual Issues within the Clean Development Mechanism of the Kyoto Protocol - An Economic Analysis. PhD Thesis, ETH Zurich (2009). doi:10.3929/ethz-a-005915145.

International Cooperation behind national Borders: Country Case Study on Switzerland, (with Renate Schubert) prepared for the Book Project *The New Public Finance: Responding to Global Challenges*, 2005, Office of Development Studies, United Nations Development Programme (UNDP), New York.

When Accountants create Knowledge - Learnings from the International Standardization of Greenhouse Gas Accounting, (with Simon Schmitz), 2004, in: Frank Biermann, Sabine Campe, Klaus Jacob, eds. *Proceedings of the 2002 Berlin Conference on the Human Dimensions of Global Environmental Change "Knowledge for the Sustainability Transition. The Challenge for Social Science"*, Global Governance Project: Amsterdam, Berlin, Potsdam and Oldenburg, 21-31.

GHG Protocol guidance on uncertainty assessment in GHG inventories and calculating statistical parameter uncertainty (with Michael Gillenwater), 2003, Contribution to the Greenhouse Gas Protocol Initiative, Online Publication.

Contributions to WBGU Publications

As co-research analyst for the German Advisory Council on Global Change (WBGU), I contributed to the following publications:

The Future Oceans - Warming Up, Rising High, Turning Sour, Special Report, WBGU Berlin, 2006.

Climate Change as a Security Risk, WBGU Flagship report, London/Sterling, VA: Earthscan 2008.

Work in progress

Environmental Policy Diffusion, Lobbying, and Market Structure, with Joschka Gerigk and Ian MacKenzie;

Seller Opportunism in Credence Good Markets: The Role of Market Conditions, with Katharina Momsen;

Information Avoidance and Covid-19: Self-Image Concerns, Inattention, and Ideology, with Katharina Momsen;

Green Hydrogen Production in Austria: Learnings for Subsidization from a Lighthouse Project, with Robin Peer, Ewald Perwög, Wolfgang Madl;

Loss and Damage: Litigation and Incentives for Emission Reduction, with Florian Bottner and Robert Steiger;

Information Avoidance in Loss and Damage, with Gabriele Spilker, Florian Bottner, Katharina Momsen, and Robert Steiger;

Other Assignments

Lead Author for the Special Report *Strukturen für ein klimafreundliches Leben (SR22)* of the Austrian Panel on Climate Change;

Head of the board of the Faculty of Economics and Statistics of the University of Innsbruck, from 2017 until 2020;

Member of Scientists for Future (Organization of various events and S4F representative in various Panel discussions in Tyrol);

Co-guest-Editor for a Special Issue of *Climatic Change* on Climate Justice (*Climatic Change* 133 (3), published in December 2015);

Representative of ETH Zurich at UNEP's First Global Intergovernmental and Multi-stakeholder Consultation on the fifth Global Environment Outlook Report (GEO-5), 29-31 March 2010, United Nations Environment Programme (UNEP), Nairobi, Kenya;

Contributor to the ETH Climate-Blog and moderation/organization of numerous events at ETH Zurich related to Climate and Energy Policy.

Co-founder of the Zurich Network for Interdisciplinary Climate Research and the Zurich Carbon Market Association

Reviewing Activity

Reviewer for the following peer-reviewed Journals:

Journal of Public Economics, Journal of Environmental Economics and Management, Resource and Energy Economics, Environmental and Resource Economics, Ecological Economics, American Journal of Agricultural Economics, International Tax and Public Economics, Scandinavian Journal of Economics, Energy Policy, Climate Policy, and others.

Reviewer of the UNEP Global Environmental Outlook GEO4, 2007 and GEO5, 2012, for the United Nations Environment Programme (UNEP), Nairobi, Kenya.

Expert Reviewer of the Working Group (WG) III contribution to the IPCC Fifth Assessment Report (AR5).

Referee work for the European Environment Agency and the German Federal Ministry of Education and Research,

Peer Reviewer for the GHG Protocol Initiative: Review of the publications on the standardization of Greenhouse Gas accounting on the corporate level.

Languages

German (mother tongue)

French (fluent in spoken and written)

English (fluent in spoken and written)