

## CARLO GALLIER

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### RESEARCH INTERESTS

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Field	Specific
Environmental Economics	Behavioral underpinnings of environmental policy
Behavioral Economics	Success and failure in cooperation and coordination problems
Experimental Economics	Experimental methods, statistics, and open data
Public Economics	Public goods, public policy, and charitable giving

### EDUCATION & POSITIONS

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**02/2022 – present Assistant Professor** at Free University of Bozen-Bolzano, Faculty of Economics and Management

**02/2022 – present Junior Research Associate** at ZEW – Leibniz Centre for European Economic Research, Department of Environmental and Resource Economics, Environmental Management

**11/2012 – 02/2022 Researcher | Advanced Researcher | Senior Researcher** at ZEW – Leibniz Centre for European Economic Research, Department of Environmental and Resource Economics, Environmental Management

**03/2015 – 06/2018 Ph.D., Economics**, Kiel University  
Thesis: *Investigations on the voluntary provision of local and global public goods*. Supervisors: Till Requate, Kiel University and Ulrich Schmidt, Kiel Institute for the World Economy

**09/2010 – 11/2012 M. Sc., Economics**, University of Heidelberg

**08/2007 – 08/2010 B. Sc., Economics**, University of Mannheim

### PUBLICATIONS

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- Collective minimum contributions to address the ratchet effect in the private provision of public goods, *Journal of Environmental Economics and Management*, 2023, 102895, with Marius Alt, Martin Kesternich, and Bodo Sturm. DOI: [10.1016/j.jeeem.2023.102895](https://doi.org/10.1016/j.jeeem.2023.102895)
- Inter-charity competition under spatial differentiation: Sorting, crowding, and spillovers, *Journal of Economic Behavior & Organization*, 216, 2023, 457-468, with Timo Goeschl, Martin Kesternich, Johannes Lohse, Christiane Reif, and Daniel Römer. DOI: [10.1016/j.jebo.2023.10.013](https://doi.org/10.1016/j.jebo.2023.10.013)
- Incentives and intertemporal behavioral spillovers: A two-period experiment on charitable giving, *Journal of Economic Behavior & Organization* 200, 2022, 959-972, with Marius Alt. DOI: [10.1016/j.jebo.2022.05.028](https://doi.org/10.1016/j.jebo.2022.05.028)

- The ratchet effect in social dilemmas, *Journal of Economic Behavior & Organization* 186, 2021, 251-268, with Bodo Sturm. DOI: [10.1016/j.jebo.2021.03.022](https://doi.org/10.1016/j.jebo.2021.03.022)
- Democracy and compliance in public goods games, *European Economic Review* 121, 2020. DOI: [10.1016/j.euroecorev.2019.103346](https://doi.org/10.1016/j.euroecorev.2019.103346)
- The choice of institutions to solve cooperation problems: A survey of experimental research, *Experimental Economics* 23, 2020, 716-749, with Astrid Dannenberg. DOI: [10.1007/s10683-019-09629-8](https://doi.org/10.1007/s10683-019-09629-8)
- Leveling up? An inter-neighborhood experiment on parochialism and the efficiency of multi-level public good provision, *Journal of Economic Behavior & Organization* 164, 2019, 500-517, with Timo Goeschl, Martin Kesternich, Johannes Lohse, Christiane Reif, and Daniel Römer. DOI: [10.1016/j.jebo.2019.05.028](https://doi.org/10.1016/j.jebo.2019.05.028)
- Giving to versus taking from in- and out-group members, *Games* 57, 2018, 1-14, with Marius Alt, Katie Nelson, Achim Schlüter, and Eva Angraini. DOI: [10.3390/g9030057](https://doi.org/10.3390/g9030057)
- Non-binding restrictions, cooperation, and coral reef protection: Experimental evidence from Indonesian fishing communities, *Ecological Economics* 150, 2018, 62-71, with Jörg Langbein and Colin Vance. DOI: [10.1016/j.ecolecon.2018.03.006](https://doi.org/10.1016/j.ecolecon.2018.03.006)
- Repeated pro-social behavior in the presence of economic interventions, *Journal of Behavioral and Experimental Economics* 69, 2017, 18-28, with Christiane Reif and Daniel Römer. DOI: [10.1016/j.socec.2017.05.003](https://doi.org/10.1016/j.socec.2017.05.003)
- Voting for burden sharing rules in public goods games, *Environmental and Resource Economics* 67, 2017, 535-557, with Martin Kesternich and Bodo Sturm. DOI: [10.1007/s10640-016-0022-6](https://doi.org/10.1007/s10640-016-0022-6)
- Did Fukushima matter? Empirical evidence of the demand for climate protection in Germany, *Applied Economics Letters* 21, 2014, 846-851, with Andreas Löschel and Bodo Sturm. DOI: [10.1080/13504851.2014.892194](https://doi.org/10.1080/13504851.2014.892194)

## WORKING PAPERS

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- Ratchet up or down? An experimental investigation of global public good provision in the United Nations Youth Associations Network, *ZEW Discussion Paper* No. 17-071, with Martin Kesternich, Andreas Löschel, and Israel Waichman. DOI: [10.2139/ssrn.3091619](https://doi.org/10.2139/ssrn.3091619)

## BOOK CHAPTERS

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- The choice of institutions to promote cooperation in the lab, with Astrid Dannenberg. 2023. In *Behavioral Economics and the Environment: A Research Companion* edited by A. Bucciol, A. Tavoni, and M. Veronesi, Routledge. DOI: [10.4324/9781003172741](https://doi.org/10.4324/9781003172741)

## WORK IN PROGRESS

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- More frequent commitments promote cooperation, ratcheting does not, with Axel Ockenfels and Bodo Sturm
- Cooperation, inequality, and equity in the voluntary provision of public goods, with Lara Bartels and Achim Hagen
- Matching schemes and social preferences: An experimental analysis of matching as an endogenous conditional contribution scheme, with Marius Alt and Christiane Reif
- On the provision of global public goods: A multi-country experiment, with Martin Kesternich, Andreas Löschel, and Israel Waichman

## RESEARCH GRANTS

- Consumer behavior, digital platforms and spatial spillover effects in a dual electricity market. 2022-2025. Italian Ministry of Education, University, and Research (MIUR).
- Climate risk uncertainty. 2022-2025. Italian Ministry of Education, University, and Research (MIUR).
- Governing multi-scale heterogeneities to activate natural carbon sink potentials (GONASIP). 2022-2025. German Federal Ministry of Education and Research (BMBF)
- Incentives, fairness, and compliance in international environmental agreements (InFairCom). 2018-2022. German Federal Ministry of Education and Research (BMBF)
- The relevance of non-state actors for individual climate protection activities and climate policy: A theoretical, experimental, and empirical analysis (NostaClimate). 2018-2022. German Federal Ministry of Education and Research (BMBF)
- Direct, indirect, psychological, and macro-economic rebound effects (LICENSE). 2018-2021. German Federal Ministry of Education and Research (BMBF)
- Integrated assessment of a green transformation: An assessment of economic, social, and technological transformation pathways (InTrans). 2015-2018. German Federal Ministry of Education and Research (BMBF)
- Contributing to coral commons (Triple C). 2014-2018. Leibniz Association
- Study on the impacts of low-carbon action and investments of the installations falling under the EU ETS. 2013-2014. European Commission (DG CLIMA)
- Sociopolitical impact of the German energy transition (SoKo). 2013-2017. German Federal Ministry of Education and Research (BMBF)

PRESENTATIONS AT CONFERENCES, SEMINARS, & WORKSHOPS (*including scheduled*)

- 2023** Euregio Economics Meeting (Innsbruck), Experimental Economics for the Environment (8th workshop) (Bochum), Jahrestagung der Gesellschaft für experimentelle Wirtschaftsforschung (GfeW) (Erfurt), Workshop on Political Economy (Brunico)
- 2022** Experimental Economics for the Environment (7th workshop) (Mannheim, online), Euregio Economics Meeting (Bozen-Bolzano), European Meeting of the Economic Science Association (ESA) (Bologna), Bolzano Joint Political Economy and Applied Microeconomics Workshop (Bozen-Bolzano)
- 2021** Experimental Economics for the Environment (6th workshop) (Innsbruck, online), 26th Annual Conference of the European Association of Environmental and Resource Economists (EAERE) (Berlin, online), Free University of Bozen-Bolzano, Annual Conference of the Verein fuer Socialpolitik (Regensburg, online)
- 2020** ZEW/University of Mannheim Experimental Seminar, Experimental Economics for the Environment (5th workshop) (Heidelberg), RWTH Aachen (online), 25th Annual Conference of the European Association of Environmental and Resource Economists (EAERE) (Berlin, online), FZU/ZEW Environmental Economics Brownbag Seminar (Heidelberg, online)
- 2019** University of Oldenburg, Experimental Economics for the Environment (4th workshop) (Münster), European Meeting of the Economic Science Association (ESA) (Dijon), Jahrestagung der Gesellschaft für experimentelle Wirtschaftsforschung (GfeW) (Düsseldorf), ZEW/University of Mannheim Experimental Seminar

- 2018** Experimental Economics for the Environment (3rd workshop) (Hamburg), University of Heidelberg, University of Kiel, Annual Conference of the Verein fuer Socialpolitik (Freiburg), 5th Science of Philanthropy Initiative Conference (SPI) (Indianapolis), Workshop on Integrated Assessment of a Green Transformation (Mannheim)
- 2017** Experimental Economics for the Environment (2nd workshop) (Bremen), Behavioral Economics Seminar (Kiel), 6th Annual Summer Conference of the Association of Environmental and Resource Economics (AERE) (Pittsburgh), 23rd Annual Conference of the European Association of Environmental and Resource Economists (EAERE) (Athens), XVI Biennial IASC-Conference (Utrecht), Jahrestagung der Gesellschaft für experimentelle Wirtschaftsforschung (GfeW) (Kassel), Social Science Department Colloquium (Bremen)
- 2016** Nachwuchsworkshop des Ausschusses für Umwelt- und Ressourcenökonomie (AURÖ) at the Verein fuer Socialpolitik (Leipzig), 5th Annual Summer Conference of the Association of Environmental and Resource Economics (AERE) (Breckenridge), EAERE-FEEM-VIU European Summer School (Venice), Jahrestagung der Gesellschaft für experimentelle Wirtschaftsforschung (GfeW) (Gießen), Experimental Economics for the Environment (1st workshop) (Osnabrück), HeiKaMaX (Mannheim)
- 2015** Spring Meeting of Young Economists (SMYE) (Ghent), 21st Annual Conference of the European Association of Environmental and Resource Economists (EAERE) (Helsinki), Workshop on Experimental Economics for the Environment (Bremen), Jahrestagung der Gesellschaft für experimentelle Wirtschaftsforschung (GfeW) (Hamburg), Faculty Research Seminar (Magdeburg)
- 2014** Nachwuchsworkshop des Ausschusses für Umwelt- und Ressourcenökonomie (AURÖ) at the Verein fuer Socialpolitik (Kiel), Spring Meeting of Young Economists (SMYE) (Vienna), 5th World Congress of Environmental and Resource Economists (WCERE) (Istanbul), Annual Conference of the Verein fuer Socialpolitik (Hamburg), Jahrestagung der Gesellschaft für experimentelle Wirtschaftsforschung (GfeW) (Passau), Workshop on Experiments on Climate Protection as Public Goods Games (Kiel)
- Pre-2014** Nachwuchsworkshop des Ausschusses für Umwelt- und Ressourcenökonomie (AURÖ) at the Verein fuer Socialpolitik (Frankfurt (Oder)), Jahrestagung der Gesellschaft für experimentelle Wirtschaftsforschung (GfeW) (Helmstedt)

## TEACHING

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- 2023** Lecture 'Environmental and Resource Economics,' Free University of Bozen-Bolzano  
Lecture 'Industrial economics,' Free University of Bozen-Bolzano  
Lecture 'Regional Development and Sustainability,' Free University of Bozen-Bolzano
- 2022** Lecture 'Industrial economics,' Free University of Bozen-Bolzano  
Lecture 'Regional Development and Sustainability,' Free University of Bozen-Bolzano
- 2021** Seminar 'The economics of charitable giving,' Kassel University
- 2020** Lecture 'The economics of charitable giving,' Kassel University  
Lecture 'Behavioral economics,' Aalen University, with Marius Alt
- 2019** Seminar 'The economics of charitable giving,' University of Heidelberg, with Christiane Reif
- 2018** Seminar 'Topics in environmental and energy economics,' University of Mannheim, with Martin Kesternich and Achim Wambach
- 2017** Seminar 'Experimental economics – An (applied) introduction,' Bogor Agricultural University, Indonesia, with Katie Nelson and Achim Schlüter
- 2014** Seminar 'Managing the global commons,' University of Heidelberg, with Andreas Löschel
- 08/2009 - 01/2010** Teaching assistant 'Mathematics A', University of Mannheim

## PROFESSIONAL ACTIVITIES

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### Referee service

**Journals:** Conservation Letters, Economic Letters, Environmental and Resource Economics, European Economic Review, European Journal of Political Economy, Experimental Economics, German Economic Review, Journal of Behavioral and Experimental Economics, Journal of Economic Behavior & Organization, Journal of Environmental Economics and Management, Nature Communications, Review of Economic Design, Review of International Organizations

**Research grants:** Agence nationale de la recherche (ANR) – Panel ‘Cognition, behaviour, language,’ National Research and Development Agency (ANID) of the Ministry of Science, Technology, Knowledge and Innovation of Chile, National Science Foundation - Division of Social and Economic Sciences

**Conferences:** Annual Conference of the Verein für Socialpolitik (VfS), Spring Meeting of Young Economists (SMYE)

### Membership

German Association for Experimental Economics Research (GfeW), European Association of Environmental and Resource Economists (EAERE), Economic Science Association (ESA)

### Fellowship

Mannheim Laboratory for Experimental Economics (mLab) – University of Mannheim, Centre for investigation and Modelling of Experimental Observations (CIMEO) – Sapienza University of Rome

### Seminar & Workshop Organization

PhD-Seminar ‘Experiments in climate and resource economics;’ UNFCCC COP-24 side event: ‘Pledges and compliance in international cooperation;’ ZEW / University of Mannheim ‘Experimental Seminar;’ Free University of Bozen-Bolzano – Research Seminar ‘Cluster Tourism, Marketing and Regional Development;’ ‘Sustainable meeting Series (SMS),’ Competence Centre for Economic, Ecological and Social Sustainability at the Free University of Bozen-Bolzano

## OTHER PUBLICATIONS & PRESS COVERAGE

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- ‘Ausblick auf die COP26 in Glasgow: Eine schrittweise Erhöhung der Klimaschutzbeiträge wird nicht ausreichen – ein Klimaklub sollte mitgedacht werden,’ *ZEW Policy Brief (forthcoming)*, with Marius Alt, Martin Kesternich, and Bodo Sturm
- ‘Chances and obstacles to strengthening the Paris Agreement – The case of resource-rich countries,’ Background Paper Forum Climate Economics 9, with Karen Pittel, Franziska Holz, and Sonja Peterson et al.
- ‘Klimaabkommen von Paris: Die vereinbarten dynamischen Anreize wirken kontraproduktiv,’ *ZEW Policy Brief* Nr. 19-08, with Martin Kesternich and Bodo Sturm
- ‘Plötzlich nützlich,’ *Wirtschaftswoche* 42, 2017
- ‘Effizienz spielt bei der Bereitstellung von Gemeinschaftsgütern eine wichtige Rolle,’ *ZEWnews* 06, 2017, with Martin Kesternich and Christiane Reif
- KfW/ZEW CO<sub>2</sub> Barometer 2014 - Manufacturing Industry Edition, Rising energy costs and more competition - Drivers for investments in energy efficiency?, KfW Bankengruppe, Frankfurt am Main, with Karl Ludwig Brockmann, Caroline Dieckhöner, and Benjamin Johannes Lutz
- KfW/ZEW CO<sub>2</sub> Barometer 2014 - Carbon Edition, New phase, old problems, KfW Bankengruppe, Frankfurt am Main, with Karl Ludwig Brockmann, Caroline Dieckhöner, Andreas Löschel, and Benjamin Johannes Lutz

- KfW/ZEW CO<sub>2</sub> Barometer 2013 - Manufacturing Industry Edition, German manufacturing industries' perspective on the energy transition, KfW Bankengruppe, Frankfurt am Main, with Karl Ludwig Brockmann, Caroline Dieckhöner, Andreas Löschel, and Benjamin Johannes Lutz
- KfW/ZEW CO<sub>2</sub> Barometer 2013 - Carbon Edition, The EU Emission Trading Scheme: Firm behavior during the crisis, KfW Bankengruppe, Frankfurt am Main, with Karl Ludwig Brockmann, Caroline Dieckhöner, Andreas Löschel, and Benjamin Johannes Lutz

#### SOFTWARE & PROGRAMMING SKILLS

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classEx, GitHub, HTML, L<sup>A</sup>T<sub>E</sub>X, LimeSurvey, L<sup>A</sup>X, o-Tree, Python, R, STATA, z-Tree

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Bozen-Bolzano, November 2023