

CURRICULUM VITAE

IVO STEIMANIS

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My research focuses on advancing our understanding of decision-making processes in response to climate change. Human behavior is influenced by a complex interplay of factors, often obscuring the identification of underlying causal mechanisms. To address this challenge, I adopt an interdisciplinary approach that integrates insights and methods from experimental and behavioral economics alongside related disciplines. Collaboration forms the cornerstone of my work, particularly with partners in the Global South, where the impacts of climate vulnerabilities are most pronounced. These partnerships facilitate context-specific research that is both locally grounded and globally relevant. My methodology emphasizes field experiments, complemented by laboratory studies, online surveys, and lab-in-the-field investigations. Together, these approaches enable me to examine the retrospective impacts of climate risks on solidarity, migration aspirations, and the acceptance of migrants, as well as the prospective evaluation of interventions aimed at fostering sustainable behavioral change.

Through interdisciplinary and collaborative research, I aim to illuminate the factors shaping individual motivations and behaviors in the face of climate-related risks. My goal is to contribute to theoretical advancements and to provide actionable insights for decision-makers addressing the challenges posed by climate change.

EDUCATION

1/2016 - 11/2019 PhD in Economics
Philipps-Universität Marburg, Germany
First Supervisor: JProf. Dr. Björn Vollan
Second Supervisor: Prof. Dr. Tim Friehe
Final Grade: magna cum laude

Cumulative dissertation with four essays investigating the climate change migration nexus. The first essay lays the conceptual framework for studying the nexus; the second one investigates the (theoretical and simulated) impact of sea-level rise on discounting, migration and resource use; the third and fourth essay are based on lab-in-the-field experiments, where the former studies how pro-social behaviors are affected by rising sea-levels and the latter investigates how trust is affected by the multiple expected interactions. The primary data collection for this dissertation included an extended stay in Solomon islands, as well as designing and planning of the research in Bangladesh and Vietnam.

10/2012 - 7/2015 Master of Science in Applied Economics, *cum laude*
University of Innsbruck, Austria
Supervisor: Dr. Björn Vollan

2-year masters program; personal thematic emphasis on environmental and behavioral economics. Thesis: Local leadership, punishment and discrimination: Experimental evidence from rural Namibia

10/2008 - 06/2012 Bachelor of Science in Economics (Volkswirtschaftslehre)

Freie Universitt Berlin, Germany

Supervisor: Univ.-Prof. Dr. Ulrich Rendtel

Thematic emphasis on quantitative methods. Thesis: Schtzung der Laeken-Beschftigungsindikatoren. Ein Vergleich zwischen EU-SILC und dem amtlichen Mikrozensus (2005-2008)

PUBLICATIONS

1. Nilgen, M., Burger, M. N., Steimanis, I., and Vollan, B. (2024). Pitfalls of monetizing relational values in the context of climate change adaptation. *Ecosystems and People*, 20(1):2427809. Publisher: Taylor & Francis .eprint: <https://doi.org/10.1080/26395916.2024.2427809>
2. Vorlaufer, T. and Steimanis, I. (2023). Solidarity under heterogenous adaptation costs: Experimental evidence on coping after climate hazards. *Journal of Environmental Economics and Management*, page 102824
3. Huber, C., Dreber, A., Huber, J., Johannesson, M., Kirchler, M., Weitzel, U., Abelln, M., Adayeva, X., Ay, F. C., Barron, K., Berry, Z., Bnte, W., Brtt, K., Bulutay, M., Campos-Mercade, P., Cardella, E., Claassen, M. A., Cornelissen, G., Dawson, I. G. J., Delnoij, J., Demiral, E. E., Dimant, E., Doerflinger, J. T., Dold, M., Emery, C., Fiala, L., Fiedler, S., Freddi, E., Fries, T., Gasiorowska, A., Glogowsky, U., M. Gorny, P., Gretton, J. D., Grohmann, A., Hafenbrdl, S., Handgraaf, M., Hanoch, Y., Hart, E., Hennig, M., Hudja, S., Htter, M., Hyndman, K., Ioannidis, K., Isler, O., Jeworrek, S., Jolles, D., Juanchich, M., KC, R. P., Khadjavi, M., Kugler, T., Li, S., Lucas, B., Mak, V., Mechtel, M., Merkle, C., Meyers, E. A., Mollerstrom, J., Nesterov, A., Neyse, L., Nieken, P., Nussberger, A.-M., Palumbo, H., Peters, K., Pirrone, A., Qin, X., Rahal, R. M., Rau, H., Rincke, J., Ronzani, P., Roth, Y., Saral, A. S., Schmitz, J., Schneider, F., Schram, A., Schudy, S., Schweitzer, M. E., Schwierer, C., Scopelliti, I., Sirota, M., Sonnemans, J., Soraperra, I., Spantig, L., Steimanis, I., Steinmetz, J., Suetens, S., Theodoropoulou, A., Urbig, D., Vorlaufer, T., Waibel, J., Woods, D., Yakobi, O., Yilmaz, O., Zaleskiewicz, T., Zeisberger, S., and Holzmeister, F. (2023). Competition and moral behavior: A meta-analysis of forty-five crowd-sourced experimental designs. *Proceedings of the National Academy of Sciences*, 120(23):e2215572120. Publisher: Proceedings of the National Academy of Sciences
4. Burger, M. N., Nilgen, M., Steimanis, I., and Vollan, B. (2023). Relational values and citizensfi assemblies in the context of adaptation to sea-level rise. *Current Opinion in Environmental Sustainability*, 62:101295
5. Blanco, E., Moros, L., Pfaff, A., Steimanis, I., Velez, M. A., and Vollan, B. (2023). No crowding out among those terminated from an ongoing PES program in Colombia. *Journal of Environmental Economics and Management*, page 102826
6. Henning, K., Steimanis, I., and Vollan, B. (2022). (Climate) Migrants welcome? Evidence from a survey experiment in Austria. *Regional Environmental Change*, 22(3):108

7. Burger, M. N., Mayer, M., and Steimanis, I. (2022). Repeated information of benefits reduces COVID-19 vaccination hesitancy: Experimental evidence from Germany. *PLOS ONE*, 17(6):e0270666. Publisher: Public Library of Science
8. Steimanis, I. and Vollan, B. (2022). Prosociality as response to slow- and fast-onset climate hazards. *Global Sustainability*, 5:e10. Publisher: Cambridge University Press
9. Steimanis, I., Mayer, M., and Vollan, B. (2021). Why do people persist in sea-level rise threatened coastal regions? Empirical evidence on risk aversion and place attachment. *Climate Risk Management*, 34:100377
10. Steimanis, I., Hofmann, R., Mbidzo, M., and Vollan, B. (2020). When female leaders believe that men make better leaders: Empowerment in community-based water management in rural Namibia. *Journal of Rural Studies*, 79:205–215
11. Vollan, B., Blanco, E., Steimanis, I., Petutschnig, F., and Prediger, S. (2020). Procedural fairness and nepotism among local traditional and democratic leaders in rural Namibia. *Science Advances*, 6(15):eaay7651. Publisher: American Association for the Advancement of Science Section: Research Article
12. Henry, A. D., Christensen, A. E., Hofmann, R., Steimanis, I., and Vollan, B. (2017). Influence of sea level rise on discounting, resource use and migration in small-island communities: an agent-based modelling approach. *Environmental Conservation*, 44(4):381–388

WORK IN PROGRESS

- A Storm Between Two Waves: Recovery Processes, Social Dynamics, and Heterogeneous Effects of Typhoon Haiyan on Social Preferences (with Andreas Landmann, Max Burger, Bernd Hayo & Björn Vollan)
- Narrative framing and acceptance of migrants: Simple vs. realistic migration narratives and climate migrant acceptance in Germany and New Zealand (with Max Burger, Olivia Yates, Andreas Neef & Björn Vollan)
- The Role of Women in Learning Games and Water Management OutcomesThe Role of Women in Learning Games and Water Management Outcomes (with Thomas Falk, Lara Bartels, Duche Vishwambhar & Björn Vollan)
- Reducing strategic uncertainty increases group protection in collective risk social dilemmas (with Natalie Struwe & Esther Blanco)
- Conditional Payments for Democracy to Local Leaders Managing Natural Resources in Rural Namibia (with Esther Blanco & Björn Vollan)
- Solomon Islanders do not trust more in repeated interactions - Experimental evidence from a binary trust game
- Payment for ecosystem services and motivational crowding: a meta-analysis of lab-in-the-field experiments (with Tobias Vorlauffer)

TEACHING EXPERIENCE

- Experimental Economics (Master-level Seminar) *Philipps-Universität Marburg, Winter Term 2016/17*

- Political Economy: The effects of democratization (Master-level Seminar) *Philipps-Universität Marburg, Summer Term 2018*
- Sustainable Development (Master-level Seminar) *Philipps-Universität Marburg, Summer Term 2021*
- Sustainable Food Choices (Master-level Seminar) *Philipps-Universität Marburg, Winter Term 2023*
- Sustainable Development Economics (Master-level Lecture) *Philipps-Universität Marburg, Winter Term 2024*
- Supervision of multiple master's and bachelor's theses every year

WORK EXPERIENCE

- 11/2019 - present Postdoc, research group of Sustainable Use of Natural Resources
Philipps-University Marburg, Germany
- Postdoc in the DFG funded transdisciplinary research project 'The impact of terminated Payments for Ecosystem Services (PES) on carbon stocks, deforestation, collective action and intrinsic motivations for conservation'.
- 01/2016 - 10/2019 Research Assistant, research group of Sustainable Use of Natural Resources
Philipps-University Marburg, Germany
- Junior researcher in the interdisciplinary research project 'The shadow of the past and future: How climate change affects human behaviour' funded by the Robert Bosch foundation. Planning, implementing and analysing quantitative household surveys and lab-in-the-field experiments.
- 7/2015 - 08/2015 Internship at the project 'Sindh Union Council and Community Economic Strengthening Support' (SUCCESS), designing baseline survey, scoping focus-group discussions in the project region
National Rural Support Programme(NRSP), Pakistan

SKILLS

Computer	MS Office, Stata, R, QGIS, Open Data Kit (Kobo)
Languages	German (native), English (fluent)
Field Research	Experience in training and supervising local research teams in Namibia, Mozambique, Cte d'Ivoire, Pakistan and Solomon Islands.