

Dr. Alexander Marbler

Curriculum Vitae – April 2026

Wegener Center for Climate and Global Change
University of Graz
Brandhofgasse 5, 8010 Graz, Austria
✉ alexander.marbler@uni-graz.at
🌐 <https://amarbler.github.io>

Professional Experience and Current Position

- 2023 – present **Postdoctoral Researcher**, *Wegener Center for Climate and Global Change*, University of Graz, Austria.
Projects: ACCREU (Horizon Europe), ClimAid (OeNB), DISCC-AT (ACRP), KlimRisk (ACRPi)
- 2018 – 2023 **Doctoral Researcher**, *Doctoral Program Climate Change and Department of Economics*, University of Graz, Austria
Funded PhD position within interdisciplinary Doctoral Program Climate Change - Uncertainties, Thresholds and Coping Strategies.
- 08/2021 – 12/2021 **Visiting Doctoral Researcher**, Paris School of Economics, France
Host: Katrin Millock.
- 2017 – 2018 **Research Assistant**, *Wegener Center for Climate and Global Change*, University of Graz, Austria
Master's thesis in *coDesign* project (Austrian Climate and Energy Fund, KR16AC0K1327).
- 2017 – 2018 **Student Assistant**, *Institute of Banking and Finance*, University of Graz, Austria.

Academic Education

- 2018 – 2023 **Doctoral Programme Social and Economic Sciences (Political and Empirical Economics) (with honours)**, *University of Graz, Austria*
Thesis Title: *Water Availability and Economic Activity in a Changing Climate*
Evaluators: Birgit Bednar-Friedl (Supervisor), Paul Raschky, Karl Steininger
- 2018 – 2023 **Doctoral Student of the FWF-funded “Doktoratskolleg Climate Change”**, University of Graz, Austria, (selected in international competition)
- 2015 – 2018 **Master of Science in Economics (with honours)**, *University of Graz, Austria*
- 2011 – 2015 **Bachelor of Arts in Economics**, *University of Graz, Austria*

Grants, Awards & Scholarships

- 2025 **NOeG Young Economist Award 2025**, for the article *When Supply Chains Run Dry: Spillovers Intensify the Economic Impact of Water Scarcity*, Austrian Economic Association (NOeG)
- 2025 **Research Grant: Jubiläumsfonds der Oesterreichischen Nationalbank (OeNB)**, for the *ClimAid* project together with Katja Kalkschmied (€300,000)
- 2023 **Award for Best Doctoral Thesis in Economics**, *University of Graz, Austria*
- 2021 **NOeG Young Economist Award 2021**, for the article *Water Scarcity and Local Economic Activity: Spatial Spillovers and the Role of Irrigation*, Austrian Economic Association (NOeG)
- 2019 **Merit-Based Scholarship Grant**, *University of Graz, Austria*
- 2018 **Award for Best Master's Thesis in Economics**, *University of Graz, Austria*
- 2016 **Merit-Based Scholarship Grant**, *University of Graz, Austria*

Research

Publications

- ▶ Marbler, A. (2024). Water Scarcity and Local Economic Activity: Spatial Spillovers and the Role of Irrigation. **Journal of Environmental Economics and Management**, 124, 102931. <https://doi.org/10.1016/j.jeem.2024.102931>
Presented at: EAERE (2022); EEA (2021); Paris School of Economics (2021); VfS (2021); NOeG (2021); FAERE (2021); IAERE (2021).
Awards: NOeG Young Economists Award, 2021.

Working Papers

- ▶ Marbler, A. (2025). When Supply Chains Run Dry: Spillovers Intensify the Economic Impact of Water Scarcity. <https://dx.doi.org/10.2139/ssrn.5354158>
Presented at: EEA (2025); EAERE (2025); NOeG (2025).
Awards: NOeG Young Economists Award, 2025.
- ▶ Marbler, A. (2022). Agriculture Drives the Effect of Rainfall on Subnational Economic Output. <https://dx.doi.org/10.2139/ssrn.4459158>

Work in Progress

- ▶ Rural Water Availability and the Growth of Cities (with Stefan Borsky).
Presented at: EAERE (2024), EPSF (2022).
- ▶ Trends in Extreme Heat Shape the Spatial Distribution of the Human Population (with Guglielmo Zappala).
- ▶ Heterogeneous Environmental Preferences and the Low-Carbon Transition (with Birgit Bednar-Friedl).
Presented at: EAERE (2019); NOeG (2019).

Data and Applications

- ▶ HREX: Interactive heat risk map for Austria at 1 kilometer resolution, developed within the DISCC-AT project, publicly available at: <https://hrex.discc.at/>
- ▶ Marbler, A. (2024). Pop-AUT: Subnational SSP Population Projections for Austria [Data set]. Zenodo. <https://doi.org/10.5281/zenodo.10477869>
- ▶ POP-AUT: Interactive map of downscaled subnational SSP population projections for Austria, publicly available at: https://wegcshiny.uni-graz.at/alm/DISCC-AT/pop_proj/

Presentations

- 2025 Annual Conference of the *European Economic Association* (EEA).
Annual Conference of the *European Association of Environmental and Resource Economists* (EAERE).
Annual Conference of the *Austrian Economic Association* (NOeG).
- 2024 Annual Conference of the *European Association of Environmental and Resource Economists* (EAERE).
- 2022 Annual Conference of the *European Association of Environmental and Resource Economists* (EAERE).
- 2021 Regulation and Environment (REM) Seminar, Paris School of Economics, France.
Annual Conference of the *European Economic Association* (EEA).

Annual Conference of the *Austrian Economic Association* (NOeG).

Annual Conference of the *German Economic Association* (VfS).

Annual Conference of the *French Association of Environmental and Resource Economists* (FAERE).

Annual Conference of the *Italian Association of Environmental and Resource Economists* (IAERE).

DK Climate Change Winter School, University of Graz, Austria.

2020 Annual Conference of the *European Geosciences Union* (EGU).

2019 Annual Conference of the *European Association of Environmental and Resource Economists* (EAERE).

Annual Conference of the *Austrian Economic Association* (NOeG).

Paris School of Economics Summer School, Paris School of Economics, France.

Professional Activities

- ▷ **Referee for Journal of Environmental Economics and Management**
- ▷ **Referee for American Journal of Agricultural Economics**

Teaching

Spring 2021 Microeconomics (Bachelor), University of Graz, Austria.

2017 – 2018 Teaching Assistant, Master-level Finance course, University of Graz, Austria.

Other Training

2019 Summer School on Climate Change: Impacts, Adaptation and Political Constraints, Paris School of Economics, France.