

# Antonia Kurz

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## Current Position

2024–present      *Deutsches Institut für Wirtschaftsforschung (DIW) Berlin*  
Postdoctoral Researcher  
Department of Climate Policy

## Education

2021–2024      *Vrije Universiteit Amsterdam*  
PhD Candidate in Economics  
Specialisation in Environment and Trade  
Advisors: Carolyn Fischer and Gerard van der Meijden

2019–2021      *Tinbergen Institute Amsterdam/Rotterdam*  
MPhil in Economics, Ø 8.1/10 (CL)  
Thesis: Within-Country Leakage due to the Exemption of Small-Source Emitters in an Emission Trading System

2018–2019      *University of Amsterdam*  
MSc in Economics, Ø 8.6/10 (CL)  
Specialisation in Monetary Policy & Banking  
Thesis: Does Natural Resource Dependence crowd out Innovation?

2014–2018      *Dual Studies with Siemens AG & Friedrich–Alexander University Erlangen–Nürnberg*  
Apprenticeship as Industrial Manager (Mobility Division)  
BA in Business Administration

## References

Professor Carolyn Fischer	Gerard van der Meijden
The World Bank	Vrije Universiteit Amsterdam
Vrije Universiteit Amsterdam	g.c.vander.meijden@vu.nl
cfischer2@worldbank.org	

## Research Interests

Environmental Economics, International Economics, Public Policy

## Publications

“Within-country leakage due to the exemption of small emitters from emissions pricing”,  
*Journal of Environmental Economics and Management*, 124 (2024): 102933

## Working Papers

“Trade Effects of Carbon Pricing Policies” (with Stela Rubínová)

We use the OECD effective carbon rates and the inventory of support for fossil fuels to show that less stringent carbon pricing policies increase comparative advantage in fossil fuel intensive industries. In the first step, we estimate country-industry export capabilities using a fixed-effects gravity model. In the second step, we regress the change in a country-industry export capability on the country’s change in carbon pricing interacted with the industry’s fossil-fuel intensity, controlling for country and industry fixed effects.

“The Effects of Monopolistic Supply of Critical Minerals on the Green Transition”  
(with Carolyn Fischer and Gerard van der Meijden)

We explore the welfare costs of monopolistic supply in critical minerals markets and its impact on the green transition. Using a cartel-fringe model, we show that cartel-imposed restrictions slow down mineral extraction, increasing costs for green technologies and hindering the energy transition. While a carbon tax alone cannot fully mitigate these effects, combining it with import tariffs on cartel-sourced green capital goods and subsidies for mineral recycling offers a more effective strategy to reduce reliance on monopolistic suppliers and support the transition to clean energy.

## Work in Progress

“Determinants of Energy Cost Pass-through to Domestic and Export Prices”

## Teaching and Research Experience

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|-----------|---|
| 2024      | <i>University of British Columbia</i><br>Guest Lecture on the EU ETS in the course Policy Dimensions of Energy Systems<br>(Master of Public Policy and Global Affairs)  |
| 2022-2024 | <i>Vrije Universiteit Amsterdam</i><br>Teaching Assistant for the following courses: <ul style="list-style-type: none"><li>- Environmental Economics (BSc), with G. v.d. Meijden and M. Talevi</li><li>- Inclusive Growth and Sustainability (BSc), with M. Hofkes and P. Lanjouw</li><li>- Economics of Climate Change (MSc), with S. Poelhekke, R. Tol, G. v.d. Meijden</li></ul> |
| 2021      | <i>Tinbergen Institute</i><br>Teaching Assistant for Macroeconomics II (MPhil), with C. Stoltenberg   |
| 2019-2021 | <i>University of Amsterdam</i><br>Teaching and Research Assistant for Joël v.d. Weele (2020/21),<br>Teaching Assistant for BSc and MSc modules (2019/20)  |
| 2018      | <i>Friedrich-Alexander University Erlangen-Nürnberg</i><br>Teaching Assistant for Microeconomics (BA) with V. Grimm,<br>Teaching and Research Assistant for C. Merkl  |

**Supervision**    Pedro Manzano Rodríguez (MSc, 2022)

## Professional Service

- |              |   |
|--------------|---|
| 2022-present | <i>The Women in Economics Initiative</i><br>Human Resources Coordinator for an international, volunteer-run, non-profit association established to advance gender equality in the field of Economics:<br>Recruiting new team members and fostering a fair, effective, and enjoyable organisational culture for over 50 volunteers |
| 2021-2024    | <i>Social Activities Committee (VU Spatial Economics)</i><br>Organising department events, e.g. end-of-the-year dinners, kayaking, ice-skating  |
| 2019-2021    | <i>Student Council (Tinbergen Institute)</i><br>Contact person for well-being of students and organising social events  |

## Visiting Stays

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|-------------|--|
| Spring 2024 | <i>Faculty of Land and Food Systems, University of British Columbia</i><br>Visiting Researcher with Carol McAusland                                      |
| 2021-2022   | <i>Organisation for Economic Co-operation and Development (OECD)</i><br>Research Intern at the Trade and Agriculture Directorate (EPI), with S. Rubínová |

## Refereeing activity

*Journal of Environmental Economics and Management*

## Other Employment

- 2014–2018      *Siemens MO MLT*  
Several-week practice for dual studies in various departments:
- Erlangen/Munich/Brunswick: Acquisition, Strategic & Operational Purchasing, Sales Europe & North America, Performance Controlling, Strategy & Business Development, Financial Services
  - Sacramento, CA: Strategic & Operational Purchasing
- 2013–2018      *FAIBLE - Agentur für Werbung & Kommunikation*  
Founder & Editor of the blog [www.faibleforfood.de](http://www.faibleforfood.de)  
Tasks: advertisement for clients, recipe creation, food photography

## Scholarships & Awards

- 2021              *Dutch National Economics Olympiad*  
1st place in a team with Y. v.d. Straten and A. Pogliano
- 2019–2021      *Tinbergen Institute*  
Scholarship & Tuition Fee Waiver
- 2018–2019      *Netzwerk Engagement*  
Scholarship for Studies abroad
- 2017              *Zonta Erlangen*  
Jane M. Klausman - Women in Business Scholarship
- 2016–2019      *Elite Network*  
Max Weber Program and Scholarship
- 2016–2018      *Bavarian EliteAcademy*  
Leadership Education Program
- Languages**      German (native), English (fluent), Dutch (intermediate), Italian (beginner)
- Software**        Stata, MATLAB, L<sup>A</sup>T<sub>E</sub>X, Python, MS Office, R, SPSS

## Presentations

- 2024              UoB/VU Research Network  
CPB Netherlands  
UBC LFS FRE & EEE Seminars  
DIW Berlin (Job Talk)  
ifo Institute (Job Talk)
- 2023              EAERE  
EAERE-ETH Winter School  
Dutch Environmental and Resource Economist Day  
UvA SEEMS Seminar
- 2022              SURED  
EAERE  
EUI/FSR Summer School  
Dutch Economist Day  
EUI Microeconomics WG  
OECD Applied Economics Seminar