

Dr. Roweno J.R.K. Heijmans

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Ulls hus
Ulls väg 27, 756 51 Uppsala
Sweden

E-mail: roweno.heijmans@gmail.com
Website: www.roweno.nl
Mobile: +31 6 25 02 02 55

Personal Details

Name: Roweno Johannes Ryan King Heijmans
Citizenship: The Netherlands
Home address: Vikvägen 14, 75655 Uppsala, Sweden

Work experience

2022– **Lecturer Mathematics for PhD students**, Halle Institute for Economic Research
2021– **Postdoctoral researcher**, Swedish University of Agricultural Sciences
2017-21 **PhD Candidate**, Tilburg University
2014 **Intern**, De Nederlandsche Bank, Amsterdam

Education

2021 **Ph.D., Economics**, Tilburg University, the Netherlands
Supervisors: Eric van Damme and Reyer Gerlagh
Specialization: environmental economics, public policy, game theory
Thesis: On environmental externalities and global games
2017 **MSc, Economics**, Tilburg University, the Netherlands
2015 **BSc, Economics**, Tilburg University, the Netherlands

Research

Publications in peer-reviewed journals

- SHIFTING CONCERNS FOR THE EU ETS: ARE CARBON PRICES BECOMING TOO HIGH? With Reyer Gerlagh and Knut Einar Rosendahl. *Environmental Research Letters*, 2022.
- AN ENDOGENOUS EMISSIONS CAP PRODUCES A GREEN PARADOX. With Reyer Gerlagh and Knut Einar Rosendahl. *Economic Policy*, 2021.
- COVID-19 TESTS THE MARKET STABILITY RESERVE. With Reyer Gerlagh and Knut Einar Rosendahl. *Environmental and Resource Economics*, 2020.
- CLIMATE-CONSCIOUS CONSUMERS AND THE BUY, BANK, BURN PROGRAM. With Reyer Gerlagh. *Nature Climate Change*, 2019.

The buy, bank, burn scheme we propose in this paper is being implemented by three NGOs that we know of: ForTomorrow, Compensators, and CAP₂.

Working Papers (manuscript available)

- ADJUSTABLE EMISSIONS CAPS AND THE PRICE OF POLLUTION. *Revisions request at Journal of Environmental Economics and Management.*
- TIME HORIZONS AND EMISSIONS TRADING. *Under review.*
- THE GLOBAL CLIMATE GAME.
- NETWORK SUBSIDIES: THEORY AND EXPERIMENTS. With Sigrid Suetens.
- PANDEMIC POLICY IN A GLOBAL GAME. With Ana Moura.
- FLEXIBLE EMISSIONS CAPS AND COUNTERPRODUCTIVE CLIMATE POLICIES. With Knut Einar Rosendahl and Reyer Gerlagh.
- REGULATING STOCK EXTERNALITIES. With Reyer Gerlagh.

Work in progress

- SEQUENTIAL GLOBAL GAMES. With Eric van Damme.
- DESIGNING LARGE CAP AND TRADE SCHEMES UNDER ASYMMETRIC UNCERTAINTY. With Reyer Gerlagh.
- MULTIPLE EXPECTATIONS-BASED EQUILIBRIA IN THE EU ETS. With Daniel Spiro.

Book Chapters

Gerlagh, R., Heijmans, R.J.R.K., & Mayumi, K. T. (2019). Can the social cost of carbon be calculated? Contemporary Climate Change Debates: A Student Primer, 65.

Consultancy

Van Damme, E.E.C., Gerlagh, R., Heijmans, R.J.R.K., & Willems, B.J. (2018). Veilen of vergelijken voor het winnen van windenergie op zee?

Policy report written on request of the Dutch Ministry of Agriculture, Nature and Food Quality regarding the question how the rights to build windmill parks on the North Sea are most efficiently allocated. In Dutch.

Grants & Honors

- 2023-25 **Jan Wallanders och Tom Hedelius stiftelse.** Principal Investigator. Grant amount: 1.370.000 SEK. Project title: *Trading Emissions to Combat Climate Change: Problem or Promise?*
- 2019 Grant from the Spanish-Portuguese Association of Resource and Environmental Economics to present my job market paper at their conference.
- 2015 Tilburg University Excellence Scholarship

Professional Activities

Refereeing: Nature Climate Change, Journal of Environmental Economics and Management, Resource and Energy Economics, Energy Economics, Annals of Economics and Statistics, Energy Journal, One Earth

Conferences: Reviewer for the Spring Meeting of Young Economists (24th and 25th edition)

Organizational: Member of the Education Committee, Tilburg University, 2015-2017. Seminar organizer Department of Economics, Swedish University of Agricultural Sciences.

Teaching

- 2022-23 **Lecturer**, Central-German Doctoral Program in Economics, Germany
Mathematics for Economists (PhD).
- 2021-22 **Lecturer**, Swedish University of Agricultural Sciences, Sweden
Management of Biological Resources (Msc).
- 2017-20 **Teaching Assistant**, Tilburg University, the Netherlands
Grondslagen macro-economie (undergraduate macro, in Dutch), Micro-economics 2: Game Theory (research master), Economics for Social Sciences (BSc), Macroeconomics(BSc).
- 2017– **Thesis supervisor**
BSc. and MSc. theses in economics.

Academic talks

Conferences

- 2020 SURED (Ascona, Switzerland); European Economic Association Annual Meeting (Berlin, Germany); Econometric Society World Congress (Milan, Italy); Conference of the Spanish-Portuguese Association of Resource and Environmental Economics (Lleida, Spain – moved to 2020); European Association of Environmental and Resource Economists Annual Meeting (Berlin, Germany); Koninklijke Vereniging voor Staatshuishoudkunde New Paper Session (Leiden, the Netherlands); Autumn panel meeting on the economics of climate change (Berlin, Germany – organized by Economic Policy and CEPR)
- 2019 European Economic Association Annual Meeting (Manchester, United Kingdom); European Association of Environmental and Resource Economists Annual Meeting (Manchester, UK); CREE Workshop (Statistics Norway, Oslo, Norway); UECE Lisbon Meetings in Game Theory and Applications (Lisbon, Portugal); International Energy Workshop (IEA, Paris, France); Energy & Climate Conference (Toulouse, France)
- 2018 SURED (Ascona, Switzerland); World Meeting of Environmental and Resource Economists (Gothenburg, Sweden); European Economic Association Annual Meeting (Cologne, Germany); CREE Workshop (Statistics Norway, Oslo, Norway); UECE Lisbon Meetings in Game Theory and Applications (Lisbon, Portugal); Nederlandse Economendag/Dutch Economists Day (Amsterdam, the Netherlands)

Seminars

- 2020 Tilburg University; Nova SBE Health Economics & Management Knowledge Center, Lisbon, Portugal; Universidad del Rosario, Bogota, Colombia
- 2019 Nederlandse Emissieautoriteit (Dutch emissions authority)
- 2017 Tilburg University; CPB Netherlands Bureau for Economic Policy Analysis

Skills

Computer: L^AT_EX, Matlab, Microsoft Office, State, Python, R

Languages: Dutch (native), English (fluent), German (intermediate), Portuguese (intermediate), French (formerly independent user).

References

Prof. Dr. Eric van Damme

Supervisor

Tilburg University

+31 13 466 30 45

Eric.vanDamme@tilburguniversity.edu

Prof. Dr. Reyer Gerlagh

Supervisor

Tilburg University

+31 13 466 26 28

r.gerlagh@uvt.nl

Prof. Dr. Sjak Smulders

Tilburg University

+31 13 466 36 53

j.a.smulders@uvt.nl

Prof. Dr. Knut Einar Rosendahl

Norwegian University of Life Sciences

+47 672 311 45

knut.einar.rosendahl@nmbu.no