

Dr. Roweno J.R.K. Heijmans

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Personal Details

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

Education

- 2021 **Ph.D., Economics**, Tilburg University, the Netherlands
Supervisors: Prof. Dr. Eric van Damme & Prof. Dr. 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

Job Market Papers

- THE GLOBAL CLIMATE GAME.
- TIME HORIZONS AND EMISSIONS TRADING. *Under review.*

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

- ADJUSTABLE ALLOWANCE SUPPLY AND THE INTEREST RATE. *Under review.*
- NETWORK SUBSIDIES: THEORY AND EXPERIMENTS. With Sigrid Suetens.

Preregistration plan: <https://aspredicted.org/create.php>. Theory done, experiments scheduled for October/November 2022.

- EFFICIENT EPIDEMICS: CONTAGION, CONTROL, AND COOPERATION IN A GLOBAL GAME. With Ana Moura.
- DESIGNING LARGE CAP AND TRADE SCHEMES UNDER ASYMMETRIC UNCERTAINTY. With Reyer Gerlagh.
- REGULATING STOCK EXTERNALITIES. With Reyer Gerlagh.
- MULTIPLE EXPECTATIONS-BASED EQUILIBRIA IN THE EU ETS. With Daniel Spiro.
- SEQUENTIAL GLOBAL GAMES. With Eric van Damme.

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).
 Coordinator: Prof. Dr. Oliver Holtmöller (Halle Institute for Economic Research).
- 2021-22 **Lecturer**, Swedish University of Agricultural Sciences, Sweden
 Management of Biological Resources (Msc).

- Teaching Assistant**, Tilburg University, the Netherlands
 2017-20 Grondslagen macro-economie (undergraduate macro, in Dutch), Micro-economics 2: Game Theory (research master), Economics for Social Sciences (BSc), Macroeconomics(BSc).
- Thesis supervisor**
 2017– BSc. and MSc. theses in economics.

Employment

- 2021– **Postdoctoral researcher**, Swedish University of Agricultural Sciences
 2017-21 **PhD Candidate**, Tilburg University
 2014 **Intern**, De Nederlandsche Bank, Amsterdam

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

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