

# 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

## 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

- Gerlagh, R., **Heijmans, R.J.R.K.**, & Rosendahl, K. E. (2022). Shifting concerns for the EU ETS: Are carbon prices becoming too high? *Environmental Research Letters*.
- Gerlagh, R., **Heijmans, R.J.R.K.**, & Rosendahl, K. E. (2021). An endogenous emissions cap produces a green paradox. *Economic Policy*.
- Gerlagh, R., **Heijmans, R.J.R.K.**, & Rosendahl, K. E. (2020). COVID-19 tests the Market Stability Reserve. *Environmental and Resource Economics*.
- Gerlagh, R., & **Heijmans, R.J.R.K.** (2019). Climate-conscious consumers and the buy, bank, burn program. *Nature Climate Change*.

The buy, bank, burn scheme we propose in this paper is being implemented by three NGOs that we know of: ForTomorrow, Compensators, and CAP<sub>2</sub>.

## Working Papers (manuscript available)

- **Heijmans, R.J.R.K.**. Adjustable Emissions Caps and the Price of Pollution. *Revisions request at Journal of Environmental Economics and Management*.
- **Heijmans, R.J.R.K.**. Time Horizons and Emissions Trading. *Under review*.
- **Heijmans, R.J.R.K.**. The Global Climate Game.
- **Heijmans, R.J.R.K.**, & Suetens, S. Network Subsidies: Theory And Experiments.
- **Heijmans, R.J.R.K.**, & Moura, A. Pandemic Policy in a Global Game.
- Gerlagh, R., **Heijmans, R.J.R.K.**, & Rosendahl, K. E. Flexible emissions caps and counterproductive climate policies. *Under review*.
- Gerlagh, R., & **Heijmans, R.J.R.K.** Regulating Stock Externalities.

## Work in progress

- **Heijmans, R.J.R.K.** & Van Damme, E.E.C. Sequential Global Games.
- **Heijmans, R.J.R.K.**, & Gerlagh, R. Designing Large Cap and Trade Schemes Under Asymmetric Uncertainty.
- **Heijmans, R.J.R.K.**, & Spiro, D. MULTIPLE EXPECTATIONS-BASED EQUILIBRIA IN THE EU ETS.

## 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

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|---------|---|
| 2023-25 | <b>Jan Wallanders och Tom Hedelius stiftelse</b> . Principal Investigator. Grant amount: 1.370.000 SEK. Project title: <i>Trading Emissions to Combat Climate Change: Problem or Promise?</i> |
| 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<sup>A</sup>T<sub>E</sub>X, 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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