

Research Interests

Environmental Economics and Policy; Energy and Public Economics; Spatial Econometrics.

Education

M.Sc. Economics

2022–2024

Swedish University of Agricultural Sciences (SLU) / Uppsala University

Thesis: *Spatial Examination of Pollution in a Heterogeneous SDM Model*. (A Grade)

Published in *Energy Economics*.

Advisor: Shaibu Mellon

Relevant coursework: Econometric Theory, Applied Econometrics, Topics in Econometrics, Introduction to R, Data Analytics in R, Experimental Methods in Economics, Environmental Policy, Management of Natural Resources, Economic Growth and Sustainable Development.

B.Sc. Economics

2018–2022

University of Bayreuth, Germany

Specialization: Public Economics

Thesis: *Green Banking and Financial Performance in China* (A Grade).

Advisor: Prof. Bernhard Herz

Research Experience

Research assistant – Gothenburg University, EfD, Gothenburg

2026

- Environmental economics research project on chemical pollution.
- Advisors: Daniel Slunge.

Intern – German Central Bank, Department of Statistics, Frankfurt

2024–2025

- Developed R-based unit tests for statistical packages on price competitiveness and exchange rate data.
- Contributed to the development and implementation of a new method to calculate effective exchange rates on behalf of the European Central Bank.
- Advisors: Dr. Andreas Dietrich and Dr. Andreas Rehs

Research assistant – SLU Department of Economics, Uppsala

2023–2024

- Applied econometric methods (staggered DiD) to model waste recycling behaviour.
- Advisors: Jens Rommel, Efthymia Kyriakopoulou.

Research assistant – Leibniz Institute SAFE, Frankfurt (remote)

2022–2023

- Project: *Consequences of a monetary union breakup: firmlevel evidence from the Hungarian empire*.
- Processed business level financial data from the 1910's.
- Advisor: Gyozo Gyongyosi.

Additional Professional Experience

Intern – KfW Development Bank, Frankfurt

2021–2022

- Managed financial development aid projects in Western Africa for the German Federal Ministry for Economic Cooperation and Development.

Publications

Schneider, P., & Mellon-Bedi, S. (2025). *The Environmental Kuznets Curve Revisited: A Spatial Panel Model with Heterogeneous Coefficients*. *Energy Economics*, 143, 108237. <https://doi.org/10.1016/j.eneco.2025.108237>

Conferences

BUP Student Conference 2023, Kaunas University of Technology, Lithuania
Conference topic – Circular economy and sustainable production.

May 2023

Technical Skills

Programming: R, Stata, Python

Software: LaTeX

Methods: Applied Econometrics, GIS, Spatial Econometrics, Data Visualization

Languages

French (native), German (native), English (fluent)

Extracurricular Engagement

Pareto Economics Association, Board Member — Uppsala University, 2022–2023

Erasmus Student Network, Working Group Member — University of Bayreuth, 2021–2022

References

Prof. Rob Hart

Professor, Swedish University of Agricultural Sciences, Uppsala, Sweden
rob.hart@slu.se

Prof. Jens Rommel

Professor, Swedish University of Agricultural Sciences, Uppsala, Sweden
jens.rommel@slu.se

Shaibu Mellon, PhD

Researcher, Swedish University of Agricultural Sciences, Uppsala, Sweden
shaibu.mellon@slu.se