

Niklas Schoch

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Education

Sciences Po Paris

PhD Candidate - Department of Economics

- Dissertation: Investment Decisions and the EU ETS

Paris, France

09/2022 – today

Columbia University

Visiting Alliance Fellow - Department of Economics

- By invitation: Gautam Gowrisankaran

New York, USA

01/2025 – 04/2025

Universität Mannheim

Master of Science - Economics

- Grade: 1,2 / 5,0 (top 5%, with distinction)

Mannheim, Germany

09/2018 – 06/2021

Johann Wolfgang Goethe-Universität

Bachelor of Science - Economics and Business Administration, Major in Economics

- Grade: 1,2 / 5,0 (top 5%, with distinction)

Frankfurt, Germany

10/2013 – 08/2017

Work Experience

International Energy Agency (IEA)

Junior Energy Analyst (part-time), Power Markets Division

Paris, France

07/2023 – 02/2024

- Quantitative analysis of nuclear power sector and industrial demand for the “Electricity 2024” outlook

Institute of Energy Economics at the University of Cologne (EWI)

Research Associate, Energy Economics

Cologne, Germany

09/2021 – 07/2022

- Consulting projects using quantitative analyses of energy markets and climate policy

Leibniz-Zentrum für Europäische Wirtschaftsforschung (ZEW)

Intern, then Research Assistant, Environmental and Resource Economics

Mannheim, Germany

07/2019 – 06/2021

- Empirical analysis on the impact of climate finance and renewable energy deployment

Mannheim Center for Evaluation and Development (C4ED)

Research Assistant, Chair of Econometrics

Mannheim, Germany

10/2018 – 04/2019

- Structured synthesis of scientific evidence on climate adaptation policy design

PricewaterhouseCoopers GmbH, Advisory

Intern, Economics & Policy

Frankfurt, Germany

03/2018 – 05/2018

- Data-driven analysis and predictive modeling in economics and policy advisory projects

Deloitte GmbH, Transaction Services

Intern, Commercial Due Diligence

Frankfurt, Germany

11/2017 – 02/2018

- Market and competition analysis in a transaction context

Technical Skills

Languages: German (Mother Tongue), English (Fluent), French (Basic)

IT/Programming Skills: MS Office, R, Java, Python, Stata & Mata, MATLAB, LaTeX

GRE: Quant 166 (87th percentile), Verbal 164 (94th percentile), Analytical Writing 5.0 (92nd percentile)

Publications

- “Local Economic Impacts of Wind Power Deployment in Denmark”, *Environmental and Resource Economics*, 2025 (with Claire Gavard and Jonas Göbel)

Working Paper

- “Local Economic Impacts of Wind Power Deployment in Denmark”, *Environmental and Resource Economics*, 2025 (with Claire Gavard and Jonas Göbel)
- “Climate Finance and Emission Reductions: What Do the Last Twenty Years Tell Us?”, *ZEW Discussion Paper*, 2021 (with Claire Gavard, Revised & Resubmitted at *Environment and Development Economics*)
- Emissions Trading, Market Power, and Endogenous Cap Adjustments (with Tom Brinker and Simon Quemin)
- Climate Policy, Industry Concentration and Technology Adoption: Evidence from the French Cement Industry (*Job Market Paper*)

Policy Reports

- “Electricity 2024: Analysis and forecast to 2026”, *International Energy Agency (IEA) Report*, 2024 (with Eren Çam, Zoe Hungerford, Francys Pinto Miranda and Carlos David Yáñez de León)
- “Carbon pricing and its implications in input-output networks: the case of France” *Conseil d'analyse économique, Focus No. 96*, 2023 (with Isabelle Méjean)
- “H₂ - Förderkompass: Kriterien und Instrumente zur Förderung von Wasserstoffanwendungen für den Markthochlauf”, *EWI Policy Study*, 2022 (with Lena Pickert, Patricia Wild and Konstantin Gruber)
- “Regulatorische (Fehl-)Anreize bei der Produktion von grünem Wasserstoff”, *EWI Policy Brief*, 2022 (with Eren Çam and Samir Jeddi)

Work in Progress

- Escaping the Uncertainty: Prices vs. Quantities with Long-Term Investment (with Diego Cussen)

Teaching & Other Academic Activities

- “Introduction to Environmental Economics”, TA (Undergraduate, Sciences Po, Spring 2023, Spring 2024, Fall 2024)
- “Understanding Global Environmental Challenges”, TA (Graduate, Sciences Po, Spring 2024, Fall 2024)
- “Tackling Environmental Challenges: Policy Instruments for Sustainability”, TA (Graduate, Sciences Po, Fall 2024)
- “CIVICA European Week: Ecological Transitions: Cities on the frontline”, Tutor (Undergraduate, Sciences Po, Summer 2023)
- “CLS Internal Ph.D.-Seminar”, Co-Organiser (Graduate, Sciences Po, Fall 2023-now)
- “Econometrics using R”, Lecturer (Undergraduate, Sciences Po, Spring 2023)
- “Sustainable Businesses and Moral Markets”, TA (Graduate, Sciences Po, Fall 2022)