

# 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 (87<sup>th</sup> percentile), Verbal 164 (94<sup>th</sup> percentile), Analytical Writing 5.0 (92<sup>nd</sup> percentile)

## Publications

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

## Working Paper

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- “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

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- “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)
- “H<sub>2</sub> - 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 Jedd)

## Work in Progress

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

## Teaching & Other Academic Activities

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- “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)