

# Niklas Schoch

36 Rue Boussingault, 75013 Paris, France  
+49 176 72176782 | niklas.schoch@sciencespo.fr | niklasschoch.github.io

## Education

<b>Sciences Po Paris</b> <i>PhD Candidate - Department of Economics</i> <ul style="list-style-type: none"><li>Dissertation: Investment Decisions and the EU ETS</li></ul>	<b>Paris, France</b> 09/2022 – today
<b>Columbia University</b> <i>Visiting Alliance Fellow - Department of Economics</i> <ul style="list-style-type: none"><li>By invitation: Gautam Gowrisankaran</li></ul>	<b>New York, USA</b> 01/2025 – 04/2025
<b>Universität Mannheim</b> <i>Master of Science - Economics</i> <ul style="list-style-type: none"><li>Grade: 1,2 / 5,0 (top 5%, with distinction)</li></ul>	<b>Mannheim, Germany</b> 09/2018 – 06/2021
<b>Johann Wolfgang Goethe-Universität</b> <i>Bachelor of Science - Economics and Business Administration, Major in Economics</i> <ul style="list-style-type: none"><li>Grade: 1,2 / 5,0 (top 5%, with distinction)</li></ul>	<b>Frankfurt, Germany</b> 10/2013 – 08/2017

## Work Experience

<b>International Energy Agency (IEA)</b> <i>Junior Energy Analyst (part-time), Power Markets Division</i> <ul style="list-style-type: none"><li>Quantitative analysis of nuclear power sector and industrial demand for the “Electricity 2024” outlook</li></ul>	<b>Paris, France</b> 07/2023 – 02/2024
<b>Institute of Energy Economics at the University of Cologne (EWI)</b> <i>Research Associate, Energy Economics</i> <ul style="list-style-type: none"><li>Consulting projects using quantitative analyses of energy markets and climate policy</li></ul>	<b>Cologne, Germany</b> 09/2021 – 07/2022
<b>Leibniz-Zentrum für Europäische Wirtschaftsforschung (ZEW)</b> <i>Intern, then Research Assistant, Environmental and Resource Economics</i> <ul style="list-style-type: none"><li>Empirical analysis on the impact of climate finance and renewable energy deployment</li></ul>	<b>Mannheim, Germany</b> 07/2019 – 06/2021
<b>Mannheim Center for Evaluation and Development (C4ED)</b> <i>Research Assistant, Chair of Econometrics</i> <ul style="list-style-type: none"><li>Structured synthesis of scientific evidence on climate adaptation policy design</li></ul>	<b>Mannheim, Germany</b> 10/2018 – 04/2019
<b>PricewaterhouseCoopers GmbH, Advisory</b> <i>Intern, Economics &amp; Policy</i> <ul style="list-style-type: none"><li>Data-driven analysis and predictive modeling in economics and policy advisory projects</li></ul>	<b>Frankfurt, Germany</b> 03/2018 – 05/2018
<b>Deloitte GmbH, Transaction Services</b> <i>Intern, Commercial Due Diligence</i> <ul style="list-style-type: none"><li>Market and competition analysis in a transaction context</li></ul>	<b>Frankfurt, Germany</b> 11/2017 – 02/2018

## 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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- “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**

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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 Jeddi)

## **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)*