

ANDREA VISMARA

PhD Candidate

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EDUCATION

- | | |
|--------------|---|
| October 2020 | Master of Science in Socio-Ecological Economics and Policy, VIENNA UNIVERSITY OF ECONOMICS AND BUSINESS, Austria |
| January 2023 | > Title of the thesis : Green Conflict Minerals? The impact of “green” resource extraction on organized violence in Africa |
| October 2017 | Bachelor’s Degree in Philosophy, Politics, and Economics, DURHAM UNIVERSITY, United Kingdom |
| July 2020 | > Title of the thesis : Can a Heterogeneous Agents Model Account for the Wealth Distribution in Italy over the 2010-2018 Period? |

EXPERIENCE

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|---------------------------|--|
| June 2024
Ongoing | PhD Candidate, COMPLEXITY SCIENCE HUB, Austria
> I do research work for the MigraCapax project on the complex patterns driving human migration, with a focus on the role of environmental variability and natural disasters. |
| February 2023
May 2024 | Financial Stability Analyst, EUROPEAN CENTRAL BANK, Germany
> I contributed to the development of the ECB’s monitoring framework for climate risks for the financial system, with a focus on supply chains
> I developed and maintained a dashboard on the network structure of the European financial system, international exposures, the climate risk monitoring framework, and the macroprudential policy requirements for European banks |
| June 2021 | Research Assistant in Ecological Macroeconomics, VIENNA UNIVERSITY OF ECONOMICS AND BUSINESS, INSTITUTE FOR ECOLOGICAL ECONOMICS, Austria |
| January 2023 | > I worked on simulating the economic and financial effects of macro-financial policies for climate change mitigation using the Stock-Flow Consistent Post-Keynesian model EIRIN within the scope of the GreenFin project |
| July 2019 | Research Assistant in Applied Microeconometrics, UNIVERSITY OF BORDEAUX, GROUP DE RECHERCHE ECONOMIQUE THÉORIQUE ET APPLIQUÉE, France |
| August 2019 | > I constructed and analysed several datasets to test the effect of migration policies on patents’ innovation in Switzerland |

PUBLICATIONS

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|-------------|--|
| 2026 | Climate input-output amplification : Assessing the impact of physical risks on global supply chains, with R. Senner and S. Fahr; Ecological Economics, Volume 248, 109054, https://doi.org/10.1016/j.ecolecon.2026.109054 |
| Forthcoming | Migrants as First Responders : A Global Estimate of Disaster-Driven Remittances, with Ola Ali, Carsten Källner, Guillermo Prieto-Viertel, Rafael Prieto-Curiel; arXiv preprint |
| Forthcoming | Green Conflict Minerals? The impact of “green” resource extraction on organized violence in Africa, with N. von Uexkull |
| 2022 | A Question of Trust? Banks’ Climate Sentiments, Lending Behavior and the Low-Carbon Transition - Working Paper, with A. Mazzocchetti and I. Monasterolo |
| 2021 | Contribution to Free Movement of Inventors : Open-Border Policy and Innovation in Switzerland, authored by G. Cristelli and F. Lissoni |

SKILLS

Technical	MS Office, Git, Dash Enterprise
Programming languages	<ul style="list-style-type: none">> Proficient : Python, Julia, MATLAB, NetLogo> Working knowledge : R, SQL
Markup languages	TeX, Markdown, HTML
Design	Canva, Miro, paint.net
General skills	<ul style="list-style-type: none">> Knowledge of data handling, machine learning and modelling for social and economic sciences> Quantitative and qualitative research skills, acquaintance with research grants processes

LANGUAGES

	Reading	Comprehension	Speaking	Writing
Italian*	C2	C2	C2	C2
English	C2	C2	C2	C2
German	C1	C1	C1	B2
Spanish	C1	C1	C1	B2
French	B2	B2	B1	B1

Based on CEFR self-evaluation tables.

*mother tongue

OTHER EXPERIENCES

ANPI FRANKFURT :	Member, activist (2023 - ongoing)
TREVELYAN COLLEGE :	Environment Officer (2020-2023)
RAINBOW4AFRICA :	Night center volunteer (2018)
GYMNASIUM L. DA VINCI :	Volunteer school assistance (2016 - 2017)

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