



Federico Mutasci

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About me

Researcher in environmental economics, behavioral economics, development economics, and industrial organization. Passionate about statistics and data analysis. Motivated to learn and grow in any intellectually stimulating environment.

Work Experience

Doctoral Researcher, University of Milan & University of Pavia October 2022 – Ongoing

- PhD candidate in applied economics: data-driven empirical research, advanced statistical and microeconomic modeling, focus on quantitative analysis.

Teaching Assistant, University of Milan Sep 2023 – Nov 2025

- Course in International Trade - Prof. Giorgio Barba Navaretti, final year of master's degree in Economics.
- Tasks performed: responsible of tutorials, exercise classes and midterm exams.

Tutor, University of Milan Sep 2023 – Dec 2025

- Tasks performed: organization of teaching materials, exam administration, student support activities.
- Results: digitization of teaching materials, course restructuring, improved exam outcomes.

Education and Training

Joint PhD in Economics, University of Milan & University of Pavia October 2022 – Ongoing

- Skills acquired: advanced data analysis skills, management and compilation of large datasets, use and analysis of gridded climate data.
- Software and programming languages used: R, MATLAB, STATA.
- **Single-author paper**: "The Impact of Temperature and Heat Waves on Italian Manufacturing Firms" - Empirical analysis of the effects of high temperatures on output, input and productivity of Italian manufacturing firms and forecast of future scenarios of economic impacts.

Master of Science in Economics (EPS), University of Milan July 2022

- Skills acquired: statistical analysis, econometric analysis, applied economics, geostatistics, data analysis.
- Software and programming languages used: Microsoft Excel, eViews, R, QGIS, STATA, Python, JavaScript.
- **Final Grade**: 106/110
- **Thesis**: 'The impact of pollution of Property price evaluation: a spatial approach to hedonic pricing models' - Supervisors: Prof. Fabrizio Iacone and Tommaso Frattini.

Bachelor Degree in Political Science, University of Milan July 2019

- **Final Grade**: 110 with honors.

Conferences

SITES 10th Annual Conference, Roma Settembre 2025

- Conference of the Italian Society of Development Economics.
- Paper: "Households' Perceptions and Responses to Climate Shocks: Evidence from Tanzania" (co-author: Irmak Günal, University of Copenhagen)

Computer Skills

Overleaf Latex | Microsoft Powerpoint | Microsoft Word | Microsoft Excel | R | SPSS | MATLAB | proficiency in GIS software (qgis & co.) | Basic Python, Java, Javascript, SQL | Tableau | STATA

Language Skills

Italian (mother tongue) | English (C1) | French (B1)

Personal Skills

- Autonomy: ability to work independently and rigorously on complex research projects.
- Teamwork: good teamwork skills, particularly in collaborative research contexts.
- Communication: communication and teaching skills developed as a teaching assistant.
- Organizational and management skills: experience in managing multiple projects simultaneously under tight deadlines.
- Public speaking: good presentation and public communication skills, developed through seminars, conferences, and teaching activities.
- Interdisciplinary thinking: attitude for interdisciplinary collaboration and sharing results.
- Quick learning: ability to learn quickly, flexibility, and intellectual curiosity.

Certifications

Professional Certificate in Data Science, HarvardX on EdX December 2020

Master Global Marketing, Comunicazione and Made in Italy, Centro Studi January 2021
Comunicare l'Impresa, Fondazione Italia USA

Volunteering

EPS Alumni Network, Milan September 2021

- Alumni Association of the Master's Degree Program in Economics that I attended.
- Role: creation of the website, social media and communication management.

Hobbies and Interests

I have been a competitive athlete and judo practitioner for several years; in my free time, I also enjoy reading and drawing.