Federico Roscioli

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Contact information

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Personal summary

I am a **PhD Candidate in Economics and Finance at the University of Rome Tor Vergata**. I have an international experience as a consultant for various International Organizations and Research Institutes and a background as freelance photojournalist. My research interests include: *development issues, environmental issues, poverty, multivariate analysis, food security* and *political economy*.

Education

2022 to 2026	**PhD in Economics and Finance** at University of Rome Tor Vergata (Rome, Italy). Supervisors: Prof. Alessio D'Amato, Prof. Daniele Malerba.
2019 to 2022	**MSc in Economics and Development** (LM56) at the University of Florence (Florence, Italy)(100/110). Supervisor: Prof. Donato Romano. Thesis: A critical assessment of Multi-Sector Needs Assessment as a tool for food security monitoring. The case of Palestine.
2017 to 2018	**MSc in Human Development and Food Security** at the University of Roma Tre (Rome, Italy)(Summa cum Laude). Supervisors: Prof. Francesco Burchi, Prof. Daniele Malerba. Thesis: Impact evaluation of Programa Huertas en Centros Educativos, Montevideo (Uruguay).
2013 to 2017	**BSc in International Cooperation and Development** (L37) at the University La Sapienza (Rome, Italy)(100/110). Supervisor: Prof. Giuliana Vinci. Thesis: Sicurezza alimentare. Caso studio: apicoltura nelle zone rurali del Messico (Heifer International).

Honors and awards

- Workshop on "Climate Change and Innovation for Sustainable Agri-Food Production" grant, IFAD.

- PhD Scholarship for the 38° cycle (2023-2027), University of Rome Tor Vergata.

- Post Master HDFS Scholarship 2017-2018, University of RomaTre.

Teaching experience

A.Y. 2023/24	**Microeconomics** (undergraduate). Teaching assistant at the University of Rome Tor Vergata (Rome, Italy).
A.Y. 2023/24	**Environmental Economics and Policy** (graduate). Teaching assistant at the University of Rome Tor Vergata (Rome, Italy).
A.Y. 2023/24	**Big Data Analysis for Economics and Finance** (graduate). Teaching assistant at the University of Rome Tor Vergata (Rome, Italy).
A.Y. 2020/21 to 2022/23	**Research Methods** (graduate). Coordinator of the course at the University of Roma Tre (Rome, Italy).
A.Y. 2021/22	**Computer Science** (undergraduate). Professor at the University of Roma Tre (Rome, Italy).
A.Y. 2020/21 to 2021/22	**R for Multivariate Analysis** (graduate). Lecturer at the University of Roma Tre (Rome, Italy).
A.Y. 2018/19 to 2021/22	**Research Methods** (graduate). Lecturer at the University of Roma Tre (Rome, Italy).

Academic publications

1. Malerba, D., Roscioli, F., Gaentzsch, A., & Ward, H. (2024). Changing carbon footprints and the consequent impacts of carbon taxes and cash transfers on poverty and inequality across years: A Peruvian case study. *Energy Policy*, 192.

2. Burchi, F., & Roscioli, F. (2022). Can integrated social protection programmes affect social cohesion? Mixed-methods evidence from Malawi. *The European Journal of Development Research*, 1-24.

3. Atkinson, R.J.; Thomas, E.; Roscioli, F.; Cornelius, J.P.; Zamora-Cristales, R.; Franco Chuaire, M.; Alcázar, C.; Mesén, F.; Lopez, H.; Ipinza, R.; Donoso, P.J.; Gallo, L.; Nieto, V.; Ugarte, J.; Sáenz-Romero, C.; Fremout, T.; Jalonen, R.; Gaisberger, H.; Vinceti, B.; Valette, M.; Bosshard, E.; Ekué, M.; Wiederkehr Guerra, G.; Kettle, C. (2021). Seeding Resilient Restoration: An Indicator System for the Analysis of Tree Seed Systems. *Diversity*, 13, 367.

4. Roscioli, F., Malerba, D., & Burchi, F. (2020). Introducing agroecology in primary schools: an independent impact evaluation in Uruguay. *Agroecology and Sustainable Food Systems*, 1-34.

5. Vinci, G., Rapa, M., & Roscioli, F. (2018). Sustainable development in rural areas of Mexico through beekeeping. *International Journal of Science and Engineering Invention*.

Working papers and Conference proceedings

1. Scimone Carbone A., Roscioli F., Mazziotta M. (2024). Urban household food insecurity and malnutrition in pediatric age: Evidences from the Luanda Divina Providencia Hospital. Giusti, M., Persiani, N., & Biagini, I. (2024). 1st SPRING COLLOQUIUM SAPIS-2024.

2. Malerba, D., Roscioli, F., Gaentzsch, A., & Ward, H. (2023), Changing Carbon Footprints and the Consequent Impacts of Carbon Taxes and Cash Transfers on Poverty and Inequality Across Years: A Peruvian Case Study.

3. Burchi, F., & Roscioli, F. (2021). Can integrated social protection programmes affect social cohesion?

Packages/Softwares

1. Fusco, E., Alaimo, L., Giovagnoli, C., Patelli, L., Roscioli, F., (2023), Adjusted Mazziotta-Pareto Index (AMPI) method in the Compind R-package.

Seminar and conference presentations

2024	**AERNA**, Lisbon (Portugal). XI Conference of the Spanish-Portuguese Association of Natural and Environmental Resource Economics.
2024	**XII IAERE Annual Conference**, Pescara (Italy). Italian Association of Environmental and Resource Economists (IAERE), EEE.
2023	**2nd Rome PhD in Economics and Finance Conference**, Rome (Italy). University of Rome Tor Vergata.
2023	**Workshop on "Climate Change and Innovation for Sustainable Agrifood Systems"**, Palermo (Italy). University of Palermo, IFAD and FAO.
2023	**XI IAERE Annual Conference**, Naples (Italy). Italian Association of Environmental and Resource Economists (IAERE), EEE, DISEG, University of Naples.
2020	**VIII Congreso Latinoamericano de Agroecología 2020**, Montevideo (Uruguay). Departamento de Sistemas Ambientales. Facultad de Agronomía, Universidad de la República. Sociedad Científica Latinoamericana de Agroecología (SOCLA).

Academic journal referee

- RIEDS (Rivista Italiana di Economia Demografia e Statistica - Italian Journal of Economic, Demographic and Statistical Studies).

Additional education

2024	**Summer school in Regression Discontinuity Designs in Development Economics: Theory and Practice** in Development Economics: Design and Data Analysis at Barcelona Graduate School of Economics, Barcelona (Spain).
2024	**Summer school in Geospatial Tools for Development: Data and Inference** in Development Economics: Design and Data Analysis at Barcelona Graduate School of Economics, Barcelona (Spain).
2023	**School on "Economics and policy of trade and climate change"**, European University Institute, Florence (Italy).
2021	**Summer school in Randomized Control Trial (RCTs)** in Development Economics: Design and Data Analysis at Barcelona Graduate School of Economics, Barcelona (Spain).
2021	**Summer school in Complex Network Analysis**: Tools for Economic Development at Barcelona Graduate School of Economics, Barcelona (Spain).
2020	**Advanced training course on Sustainable Territorial Valorization of Cultural Heritage, Origin, Products and Biodiversity** at University of Florence, Florence (Italy).
2019-2021	**Data Science Specialization** at John Hopkins University, Coursera.
2012-2013	**Master in Photojournalism** at Istituto Superiore di Fotografia e Comunicazione, Rome (Italy).

Other working activities

2024	**Research Assistant at Fondazione Tor Vergata**, Rome (Italy). Working on the estimation of the cost of inaction regarding blue and green water via CGE modelling using GTAP 11 data and GAMS programming.
2022	**Research assistant at University of Roma Tre with Prof. Salvatore Morelli**, Rome, Italy. Literature review on the methods for estimating household carbon emissions.
2022	**Consultant economist at IDOS**, German Institute of Development and Sustainability, Bonn (Germany). Analysis and drafting of "The Impacts of Carbon Taxes and Cash Transfers on Poverty and Inequality Across Years: A Peruvian Case Study."
2021	**Consultant statistician at FAO**, Rome (Italy). Preliminary study on the feasibility of a composite indicator for the FAO's Food Loss Index and the UNEP's Food Waste Index for the FAO Statistical Division (ESS).
2021-2022	**Consultant economist at The Alliance of Bioversity International and CIAT**, Rome (Italy). Analysis and drafting of the report on the global value chain of Cocoa with a particular focus on Peru, Indonesia and Ghana.
2019-2020	**Consultant economist at The Alliance of Bioversity International and CIAT**, Lima (Peru). Analysis and drafting of "Seeding Resilient Restoration: An Indicator System for the Analysis of Tree Seed Systems". Modelling the cost/benefits of forest landscape restoration projects in Peru. Study the impact of cadmium in the Peruvian cocoa value chain.
2019	**Consultant economist at IDOS**, German Institute of Development and Sustainability, Malawi. Qualitative assessment of the social cohesion component of the TEEP program.
2019	**Visiting researcher at IDOS**, German Institute of Development and Sustainability, Bonn (Germany). Drafting of the paper "Introducing agroecology in primary schools: an independent impact evaluation in Uruguay."
2018	**Visiting researcher at UDELAR**, Universidad De La Republica De Uruguay, Montevideo (Uruguay). Data collection and analysis for an impact assessment on "Programa Huertas en Centros Educativos".
2018	**Consultant researcher at Oxfam Italy**, Rome (Italy). Desk research and drafting of the report "Maturi per il cambiamento" on the connection between illegal hiring in agriculture and supermarkets.
2013-2018	**Freelance photojournalist** (The Washington Post, Heifer International, Under the Same Sun, Tulime Onlus).

Field Experience

2020	Peru (6 months)
2019	Malawi (15 days)
2018	Uruguay (2 months)
2015	Mexico (3 months)
2014	Tanzania (1 month)

Computer and Programming Skills

- Statistical and Spatial Analysis: R, Stata, Matlab, GAMS programming, ArcGis, QGis, Python, SPSS.

- Compilation: LaTeX, Microsoft Office, Internet and email browsers.

- Communication: Adobe Suite, Final Cut Pro, Wordpress.

Languages

	Oral	Writing	Reading
Italian	Mothertongue		
English	C1	C2	C2
Spanish	C1	C2	C2
French	B1	A2	B2
Portuguese	B1	A2	B2

	Oral	Writing	Reading