

Dr. Veronica Lupi

*Research Interests: Climate Change Modelling,
Environmental and Energy Economics, Demography*

Work Experience

- 2021-ongoing **Senior Researcher**, *Modeling the Energy Transition (MET) group*, Eni Foundation, Milan, Italy.
- 2021-ongoing **Post-Doctoral Researcher**, *Department of Economics, Management and Quantitative Methods (DEMM)*, University of Milan, Italy.
- 2019-2021 **Post-Doctoral Researcher**, *Centre for Geography, Resources, Environment, Energy & Networks (GREEN)*, Bocconi University, Italy.
Working on the European project "Collective Action Models for Energy Transition and Social Innovation - COMETS" (Horizon2020). Main Tasks: contribution to questionnaire design and survey data analysis on energy communities; writing deliverables; peer-reviewed papers based on COMETS' project outputs.
- 2018-2020 **Researcher**, *Lombardy Foundation for the Environment*, Milan, Italy.
Working on the European project "Tourism water management for sustainable ADRION coastal areas - TOUREST" (Interreg). Main tasks: TOUREST project coordination. Writing and presenting deliverables in workshops and meetings.
- 2018-2019 **Researcher**, *ETH-the Department of Management, Technology, and Economics*, Zurich, Swiss.
Research activity.
- 2013 **Research assistant**, *Centro Studi Luca D'Agliano*, Milan, Italy.
Collaboration on the project "Mapping European Competitiveness-Mapcompete", funded by the 7th Framework Programme (FP7) of the European Commission.

Education

- 2014–2018 **Ph.D. in Economics**, *University of Milan*, Italy.
Dissertation title: Essays on Climate Change and Population Dynamics. My Ph D. thesis's novelty relied on modeling and estimating the aggregate impact of demography (e.g., fertility choices and climate-change-induced mortality) on climate change.
Supervisor: Prof. Marzio Galeotti, Prof. Simone Marsiglio
- 2010–2012 **M.Sc. in Economics and Political Science**, *University of Milan*, Italy.
Dissertation title: International operation of markups for heterogenous firms,
Supervisor: Prof. Giorgio Barba Navaretti
- 2007–2010 **B.Sc. in Political Science**, *University of Milan*, Italy.
Dissertation title: I fondi mobiliari chiusi in Italia,
Supervisor: Prof. Daniela Vandone

Visiting

- 2016 **Research activities**, *Department of Economics*, University of Tilburg, The Netherlands.
Supervisor: Prof. Reyer Gerlagh

Additional Training and Summer Schools

- 2021 **edX Verified certificate for introduction to Computational Thinking and Data Science**.
- 2021 **edX Verified certificate for introduction to Computer Science and Programming Using Python**.
- 2019 **FeltrinelliCamp 2019, Rethinking Capitalism, from Globalization to Humanization**, *Feltrinelli Foundation*, Milan, Italy.
- 2016 **Ph.D. Course in Economic Growth and Climate change**, *University of Tillburg*, The Netherlands.
- 2016 **Summer School in Advanced Panel Econometrics: Theory and Applications**, *SIdE*, Bertinoro, Italy.
- 2015 **Ph.D. Course in Methods and Tools for the Analysis of Climate Change Impacts and Policies**, *University of Ca' Foscari*, Venice, Italy.

Publications

Journal papers.

- Population Growth and Climate Change: a Dynamic Integrated model of Climate change and Demography (DICED) (with S. Marsiglio). *Ecological Economics* (2021). <https://doi.org/10.1016/j.ecolecon.2021.107011>
- The aggregate contribution of German and Italian energy community initiatives to the upscaling of PV in the energy transition (with A. Wierling, J. P. Zeiss, V. J. Schwanitz, A. W., C. Candelise and A. Sciullo). *Energies* (2021). <https://www.mdpi.com/1996-1073/14/8/2258>
- Sustainability, cooperation and mobility of workers within and between European countries: a two-stage goal programming model (with D. Liuzzi, A. Vié). *Annals of Operations Research* (2020). <https://link.springer.com/article/10.1007/s10479-020-03818-y>

Reports.

- Lupi, V.; Candelise, C.; Sciullo, A. Analyzing Typologies and Determinants of CAIs in the Energy Transition: A Survey. Deliverable 3.3. COMETS project deliverable. (2021).
- Technical report (with D. Castellani, S. Cerisola, G. Felice, E. Forlani). MAP-COMPETE project, Conference Paper (2014).
- Sections 2.2 and 2.3 of the book "Mapping Competitiveness with European Data" by D. Castellani and Andreas Koch (2015). <http://centaur.reading.ac.uk/67758/>

Working Papers

- Fertility and Climate Change (with R. Gerlagh and M. Galeotti), CESifo Working Paper No.7421. <https://ssrn.com/abstract=3338775>
- The dynamic effect of population, affluence and innovation on carbon emissions in the global economy (with D. Valenti and M. Galeotti)

Presentations in Peer Reviewed Conferences and Invited Lectures

2021, *Lecturer in Climate Change Economics*, First Summer School in Development, Growth, Environmental Sustainability from an economic and mathematical point of view, University of Cagliari.

2020, *Lupi, V., The contribution of energy communities to the up-scaling of photovoltaics in Germany and Italy, How to achieve the SDGs through local action, International Online Workshop, 27th November.*

2019, *Workshop on Development, Growth and Sustainability in a Wildlife Land", University of Cagliari, Cagliari, 18-19 December.*

2018, *Lupi, V., Family planning and Climate Policies, EEA-ESEM congress, Cologne, 27th-31th August.*

2018, *Lupi, V., Climate and Demographic Change, World Congress of Environmental and Resource Economists (WCERE), Gothenburg, 25th-29th June.*

Scholarships

2014–2017 **Lombardy Advanced School for Economic Research (LASER), three years Ph.D. Scholarship**, University of Milan, Italy.

Teaching

2019–2022 **Lecturer in Mathematics**, *Course MAPS, Department of Economy, Management and Quantitative Methods (DEMM)*, University of Milan, Italy.

2020–2021 **Lecturer in Sustainable Development (in English)**, *Course EFE, Department of Environmental Science and Policy*, University of Milan, Italy.

2018 **Lecturer on Water Sustainable Consumption in Tourism**, *Mater RIDEF 2.0*, Polytechnic University of Milan, Italy.

2017–2018 **Lecturer in Statistics**, *Course RISTO, Department of Environmental Science and Policy*, University of Milan, Italy.

2016–2018 **Teaching Assistant in Advanced Macroeconomics (in English)**, *Course EPS, Department of Economy, Management and Quantitative Methods (DEMM)*, University of Milan, Italy.

Languages

Italian Mother tongue
English Fluent

Computer skills

Statistical Packages	Stata, R
Languages	GAMS, Python
Application	LaTeX
Operating Systems	IOS, Windows

Refereees

Professor Marzio Galeotti, Dep. of Environmental Science and Policy, University of Milan (marzio.galeotti@unimi.it)

Professor Lucas Bretschger, Dep. of Management, Technology, and Economics, ETH Zürich (lbretschger@ethz.ch)

Professor Simone Marsiglio, Dep. of Economics, University of Pisa (simone.marsiglio@unipi.it)

Dr. Mita Lapi, Responsible for the Sustainable Development Area, Project Manager at the Lombardy Foundation for the Environmen, Milan (mita.lapi@flamet.org)

○ *I authorize the processing of the personal data contained in this CV in compliance with the Italian Personal Data Protection Code (Legislative Decree no. 196 of 30 June 2003).*