

Curriculum Vitae

Valeria Costantini (Ai fini della pubblicazione in ottemperanza all'art. 15, comma 1, del Decreto legislativo 14 marzo 2013, n. 33)

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input checked="" type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

- 01-10-2017 to present **Department of Economics, Roma Tre University, Via Silvio D'Amico 111, 00145 Rome, Italy**
Faculty of Economics
Full Professor
Department of Economics, University "Roma Tre", Via Silvio D'Amico 111, 00145 Rome, Italy
Professor of Energy Economics and Climate Change
Faculty of Economics
Professor of Environmental Economics
Post-Doc Research Fellow
Research projects: Measuring economic sustainability; Trade and environment; WTO negotiations
- 01-01-2013 – 30-09-2017 **Department of Economics, Roma Tre University, Via Silvio D'Amico 111, 00145 Rome, Italy**
Faculty of Economics
Associate Professor
Professor of Energy Economics and Climate Change
Professor of Environmental Economics
- 01-10-2007 – 31-12-2012 **Department of Economics, Roma Tre University, Via Silvio D'Amico 111, 00145 Rome, Italy**
Faculty of Architecture
Assistant Professor
Lecturer in Energy Economics
Lecturer in Urban Economics
- 01-04-2005 – 30-09-2007 **Department of Economics, Roma Tre University", Via Silvio D'Amico 111, 00145 Rome, Italy**
Faculty of Economics
Post-Doc Research Fellow
Research projects: Measuring economic sustainability; Trade and environment; WTO negotiations
- 01-04-2000 -31-03-2005 **ENEA, National Research Institute for New Technologies, Energy and Environment, Via Anguillarese 301, 00060- S.M. di Galeria, Rome, Italy**

EDUCATION AND TRAINING

- 01-10-1999 – 30-12-2002 **PhD in Economics**
PhD in "Institutions, Environment and Policies for Economic Development", Department of Economics, University of "Roma Tre", Italy. Supervisor: Mauro Mellano – Dissertation: "Sustainable Development and Human Development: An Integrated Approach".
- 01-06-2001 – 30-06-2001 **Advanced course in Econometrics**

Advanced course in Econometrics, CIDE, University of Bologna, Bertinoro (Forlì).

01-10-1992 – 30-03-1998

Post-graduate degree in Economics

MA (Laurea) in Economics, “La Sapienza” University of Rome (Italy) with the top mark of 110/110 cum laude.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C2
French	A2	A1	A2	A2	A1

[Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages](#)

Communication skills Excellent communication skills gained through my experience as academician

Organisational / managerial skills Excellent Leadership capacity: currently responsible for a research team of 5 people.
Excellent Organization capacity: currently responsible for several national and international research projects.
Excellent Management capacity: coordinator of the two-year MSc. degree in Environment and Development Economics (average 70 students per year) at the Department of Economics, Roma Tre University for five years.

Job-related skills Excellent modelling capacity with forecasting and simulation dynamic recursive general equilibrium models for energy and economy.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient	Proficient	Proficient	Proficient	Proficient

[Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid](#)

Excellent use of: Microsoft Windows and Macintosh environments, Microsoft Office Package, Minitab, STATA, SPSS, E-Views, ArcView, Fortran, Gempack for CGE analysis

Other skills Photography
Driving licence A2 and B

ADDITIONAL INFORMATION

Main publications (most recent)

- Cappelli F., Conigliani, C., Consoli D., Costantini V., Paglialonga E., (2022). Climate change and armed conflicts in Africa: temporal persistence, non-linear climate impact and geographical spillovers. *Economia Politica – Journal of Analytical and Institutional Economics*, online first.
- Costantini V., Leone Sciabolazza, V., Paglialonga, E. (2022). Network-driven positive externalities in clean energy technology production: the case of energy efficiency in the EU residential sector. *Journal of Technology Transfer*, online first.
- Caravella S., Costantini V., Crespi F. (2021). Mission-Oriented Policies and Technological Sovereignty: The Case of Climate Mitigation Technologies. *Energies*, 14(20):6854.
- Conigliani, C., Costantini V., Finardi, G. (2021). Climate-related natural disasters and forced migration: a spatial regression analysis. *Spatial Economic Analysis*, in press.
- Cappelli F., Costantini V., Consoli D., (2021). The trap of climate change-induced “natural” disasters and inequality. *Global Environmental Change*, 70:102329.
- Bassi A., Costantini V., Paglialonga E., (2021). Modelling the European Union sustainability transition: a soft-linking approach. *Sustainability*, 13(11):6303.
- Cappelli F., Conigliani, C., Costantini V., Lelo K., Markandya A., Paglialonga E., Sforna, G., (2020). Do spatial interactions fuel the climate-conflict vicious cycle? The case of the African continent. *Journal of Spatial Econometrics*, 1:1-52.
- Costantini V., Sforna G., (2020). A dynamic CGE model for jointly accounting ageing population, automation and environmental tax reform. European Union as a case study. *Economic Modelling*, 87:280–306.
- Costantini V., Crespi, F., Paglialonga, E., Sforna G., (2020). System transition and structural change processes in the energy efficiency of residential sector: evidence from EU countries. *Structural Change and Economic Dynamics*, 53: 309–329.
- Costantini V., Crespi, F., Paglialonga, E., (2019). Capital-energy substitutability in manufacturing sectors: methodological and policy implications. *Eurasian Business Review*, 9:157–182.
- Costantini V., Markandya, A., Paglialonga E., Sforna G., (2018). Impact and distribution of climatic damages: a methodological proposal with a dynamic CGE model applied to global climate negotiations. *Economia Politica-Journal of Analytical and Institutional Economics*, 35:809-843.
- Corradini, M., Costantini V., Markandya, A., Paglialonga E., Sforna G., (2018). A dynamic assessment of instrument interaction and timing alternatives in the EU low-carbon policy mix design. *Energy Policy*, 120:73-84.
- Costantini V., Crespi F., Paglialonga, E., (2018). The employment impact of private and public actions for energy efficiency: Evidence from European industries. *Energy Policy*, 119:250-267.
- Antimiani A., Costantini V., Markandya A., Paglialonga E., Sforna G., (2017). The Green Climate Fund as an effective compensatory mechanism in global climate negotiations. *Environmental Science & Policy*, 77:49-68.
- Costantini V., Crespi F., Palma A., (2017). Characterizing the policy mix and its impact on eco-innovation: a patent analysis of energy-efficient technologies. *Research Policy*, 46:799-819.
- Costantini V., Crespi F., Marin G., Paglialonga E., (2017). Eco-innovation, sustainable supply chains and environmental performances in the European Union industries. *Journal of Cleaner Production*, 155:141-154.
- Antimiani A., Costantini V., Kuik O., Paglialonga E., (2016). Mitigation of adverse effects on competitiveness and leakage of unilateral EU climate policy: an assessment of policy instruments. *Ecological Economics*, 128:246–259.
- Costantini V., Sforna G., Zoli M., 2016, Interpreting bargaining strategies of developing countries in climate negotiations. A quantitative approach. *Ecological Economics*, 121:128-139.
- Antimiani A., Costantini V., Paglialonga E., (2015). The sensitivity of climate-economy CGE models to energy-related elasticity parameters. Implications for climate policy design. *Economic Modelling*, 51:38-52.
- Markandya A., Antimiani A., Costantini V., Martini C., Palma A., Tommasino C., (2015). Analysing Trade-offs in International Climate Policy Options: the Case of the Green Climate Fund. *World Development*, 74:93-107.
- Costantini V., Crespi F., Curci Y., (2015). A keyword selection method for mapping technological knowledge in specific sectors through patent data: the case of biofuels sector. *Economics of Innovation and New Technologies*, 24:282-308.
- Costantini V., Crespi F., Martini C., Pennacchio L., (2015). Demand-pull and technology-push public support for eco-innovation: The case of the biofuels sector. *Research Policy*, 44:577-595.
- Costantini V., Crespi F., (2015). European enlargement policy, technological capabilities and sectoral export dynamics. *Journal of Technology Transfer*, 40:25-69.

Main external fundings

July 2021-December 2024: Participation at the research project Horizon 2020 MATS “Making agricultural trade sustainable”, Grant Agreement No. 101000751 European Commission, DG-Research (three-year grant).

December 2020-March 2021: Scientific Coordinator of the project “Computable General Equilibrium analysis of Carbon Border Adjustment Mechanism (CBAM)”, financial support from European Commission - Directorate General For Trade, Call for Tender n° TRADE 2020/A3/A07 (three-month grant).

September 2020-August 2022: Local Coordinator of Department of Economics, Roma Tre University, for the national project “Precision fARming for sustAinable proDUction in Suburban arEas (PARADISE)”, financial support from POR-FESR Lazio (Strategic projects 2014-2020) (two-year grant).

April 2020-April 2023: Local Coordinator of Department of Economics, Roma Tre University, for the national project “Innovation for global challenges in a connected world: the role of local resources and socio-economic conditions”, financial support from the Italian Ministry of Education, University and Research (Scientific Research Program of National Relevance 2017) Grant Agreement No. 20177J2LS9_003 (three-year grant).

December 2019-September 2020: Scientific Coordinator of the project “Trade and Climate Change: an Energy-Economic Modelling Approach”, financial support from European Commission - Directorate General For Trade, Call for Tender n° TRADE 2019/G2/G10 (nine-month grant).

January 2019-December 2021: Participation to the research activity under the European Topic Centre on Waste and Materials in a Green Economy (ETC/MMGE) 2019-2021 (Work Package 5 – Economics, Production and Consumption), financial support from the European Environment Agency (EEA) (one-year grant).

June 2018-June 2020: Local Scientific Coordinator of Department of Economics, Roma Tre University, for the Department of Economics, Project “EDESMArt”, financial support from University of Roma Tre (two-year grant).

Advanced teaching activities

September 2022: Invited Instructor “The optimal EU climate and energy policy mix design”, International PhD Summer School on Economic Foundations for Energy and Climate Policies, European University Institute – Florence School of Regulation (Italy).

July 2022: Invited Instructor “The geography of climate-related socio-economic impacts: conflicts, migration and inequality”, International PhD Summer School of IAERE, University of Urbino (Italy).

May 2022: Invited Instructor “The geography of the EU sustainable energy transition: environmental policies, innovation trajectories and economic competitiveness”, International PhD course on Economic Geography University of Utrecht (Netherlands).

From January 2021: External Faculty Instructor (10 hours) at GSSI PhD Program in “Regional Science and Economic Geography” module on “Environmental Economics and Geography”, L’Aquila (Italy).

From January 2020: Invited Instructor at second level Master in Climate Change: adaptation and mitigation solutions, module “Climate Policy, Economics, and Finance”, Politecnico di Torino (Italy).

Consulting activities

From 2020: DG Trade, European Commission, Bruxelles (Belgium).

From 2016: ENEA, National Research Institute for Energy and New Technologies, Rome (Italy).

From 2015: REDINN, Rete Europea dell’Innovazione S.r.l., Rome (Italy).

From 2007: INEA, National Institute for Agricultural Economics, Rome (Italy).

2006: ISMEA, Institute for agro-food market, Rome (Italy).

2006: Coldiretti, Rome (Italy).

2005: Department of Health and Nutrition Sciences, University of Molise (Italy).

2003: FEEM, Fondazione Eni Enrico Mattei, Milan (Italy).

Other affiliations and appointments

From January 2022: President Elect IAERE, Italian Association of Environmental and Resource Economists.

From March 2021: Associate Editor for *Frontiers Climate–Climate and Economics*.

From March 2020: external member of the Faculty Board Social Science PhD programme, Gran Sasso Science Institute (GSSI), L’Aquila, Italy.

From March 2016: research associate CNRS-GREDEG, Groupe de Recherche en Droit, Economie et Gestion, University of Cote Azur, France.

From October 2014: member of the scientific board SEEDS, Sustainability Environmental Economics and Dynamics Studies interuniversity research centre, head of unit Roma Tre University, Italy.

VALERIA COSTANTINI

(Autorizzo il trattamento dei miei dati personali ai sensi del D.Lgs 196 del 30 giugno 2003 e dell’art. 13 del Regolamento UE n. 676/2016 del 27.04.2016 “Regolamento generale sulla protezione dati” e del D.Lgs. n. 196/2003 “Codice in materia di protezione dei dati personali”, come modificato dal D.Lgs. n. 101 del 10.08.2018, recante disposizioni per l’adeguamento dell’ordinamento nazionale al Regolamento europeo ai fini della ricerca e selezione del personale.)