



PERSONAL INFORMATION

Name: Valeria Costantini

Place and date of birth: Rome, 24th November 1973

Nationality: Italian

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LINKS TO SCIENTIFIC PROFILE

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GoogleScholar: <https://scholar.google.it/citations?user=Wj2qV4gAAAAJ&hl=it>

Website: <https://sites.google.com/view/valeriocostantini/home>

CURRENT POSITION

From October 2017: Full Professor in Economic Policy, Department of Economics, Roma Tre University, Italy. Coordinator of the two-year M.Sc. in Environment and Development Economics, Roma Tre University.

OTHER AFFILIATIONS

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

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

ONGOING APPOINTMENTS

October 2018-September 2020: member of the national Committee for evaluation of National Scientific Qualification, associate and full professorships in Public Economics and Finance (ASN 13/A03).

EDUCATION

November 1999-October 2002: Ph.D. in “Institutions, Environment and Policies for Economic Development”, Department of Economics, Roma Tre University, Italy. Supervisor: Mauro Mellano – Dissertation: “Sustainable Development and Human Development: An Integrated Approach”.

June 2002: Fellow at: Summer School “Environment, Inequality and Collective Action”, ISER, University of Siena (Italy).

June 2001: Advanced course in Econometrics, CIDE, University of Bologna, Bertinoro (Forlì).

March 1998: Bachelor and M.Sc. (Laurea) in Economics, “La Sapienza” University of Rome (Italy) with top mark 110/110 cum laude. Supervisor: Prof. Mauro Mellano (Development Economics). Final thesis: “Trade relationships between Mercosur and the European Union”.

PAST APPOINTMENTS

October 2016-March 2018: Vice President of the School of Economics and Business Studies, Roma Tre University, Italy.

September 2016-March 2018: member of the Council of the Department of Economics, Roma Tre University, Italy.

July 2016-March 2018: member of the Board of Directors, Centre for Economic and Social Research Manlio Rossi-Doria, Centre of Excellence Roma Tre University, Italy.

October 2014-March 2018: Coordinator of the Environment and Development Economics Curriculum in the Ph.D. program in Economics, Department of Economics, Roma Tre University, Italy.

October 2013-March 2018: Coordinator of the MSc. in Environment and Development Economics, Department of Economics, Roma Tre University, Italy.

December 2012-September 2017: Associate Professor of Economic Policy, Department of Economics, Roma Tre University, Italy.

February 2014-March 2016: Delegate for relationship between the University and the Business sector, Start Up project, Roma Tre University, Italy.

October 2007-November 2012: Assistant Professor of Economic Policy, Faculty of Architecture, Department of Economics, Roma Tre University – Italy. Lecturer in Environment and Trade, Energy Economics, Urban Economics.

April 2005-September 2007: Post-Doc Research Fellow – 2-year grant for research, Department of Economics, University of Roma Tre – Italy.

April 2000-March 2005: Researcher at the National Research Institute for New Technologies, Energy and Environment (ENEA), Rome (Italy). Involved in research projects: Macroeconomic sustainability indicators, Emission Trading Scheme for NOX emissions in Italy; Regional energy markets.

July 1999-March 2000: Research fellow at the University LUISS “Guido Carli” Rome (Italy) for the project “Systems of environmental and economic accounting”.

CONSULTING ACTIVITY

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).

INTERNATIONAL TEACHING ACTIVITIES

December 2017: Invited Lecturer, “System transition and structural change processes in the energy efficiency of residential sector: evidence from EU countries”, SPRU (Science Policy Research Unit) University of Sussex, Freeman Friday Seminar, Brighton (UK).

June 2017: Invited Lecturer, “Climate Change and Long-term Development”, EAEPE 2017, Structural Change, Institutions and Economic Development, Ph.D. Summer School at the University of Roma Tre (Italy).

July 2015: Invited Lecturer, “Inducement effects in eco-innovation dynamics: the role of public policy design”, KID2015, Knowledge dynamics, industry evolution, economic development, Ph.D. Summer School at the University of Nice Sophia Antipolis, Nice (France).

TEACHING

From October 2018: Professor, “Economic Policy”, under-graduate course at the Department of Business Studies, Roma Tre University (Italy).

From October 2012: Professor, “Energy Economics and Climate Change Policy”, post-graduate and Ph.D. courses at the Department of Economics, Roma Tre University (Italy).

2014-2018: Professor, “Environmental Economics”, post-graduate and Ph.D. courses at the Department of Economics, Roma Tre University (Italy).

2011-2012: Lecturer, “Energy Economics”, post-graduate courses of Faculty of Economics, Roma Tre University (Italy).

2007-2014: Lecturer, “Urban Economics”, under-graduate and post-graduate courses of Faculty of Architecture, Roma Tre University (Italy).

2007-2010: Lecturer, “Environment and Development” and “Empirical Econometric Analysis in Environmental Economics”, Ph.D program in “Institutions, Environment and Policies for Economic Development”, Faculty of Economics, Roma Tre University (Italy).

2005-2007: Instructor, “Environment and Development”, MSc in “Human Development and Food Security”, Faculty of Economics, Roma Tre University (Italy).

2005-2007: Instructor, “Economics of the Kyoto Protocol”, MSc in “Engineering and

Economics of Environment and Territory”, Faculty of Economics, Roma Tre University (Italy).

2005-2007: Teaching assistant, post-graduate course of “Agro-environmental Policies and International Relations”, (specific issues: Trade and Environment; The Economics of the Kyoto Protocol), Faculty of Economics, Roma Tre University (Italy).

2004-2006: Instructor, Environmental Economics, MSc in “Environmental Management”, Department of Technology and Quality of Products, University of Rome “La Sapienza” (Italy).

PH.D. SUPERVISION

Federica Cappelli: Climate change and armed conflicts in Africa: a geo-referenced approach, Ph.D. in Economics, Department of Economics, Roma Tre University (Italy), ongoing.

Francesca Mazzarella: Electricity Market and Environmental Policies: Evidence from the Italian Case, Ph.D. in Economics, Department of Economics, Roma Tre University (Italy), discussed November 2017.

Giorgia Sforza: Climate Change and Developing Countries, Ph.D. in Economics, Department of Economics, Roma Tre University (Italy), discussed April 2016.

Antonio Mele: Carbon Finance and Project Evaluation, Ph.D. in Economics, Department of Economics, Roma Tre University (Italy), discussed April 2016.

Elena Paglialunga: Elasticity of substitution in capital-energy relationship at sector level: econometric estimation for OECD countries and application to the GDynE model, Ph.D. in Economics, Department of Economics, Roma Tre University (Italy), discussed June 2015.

Alessandro Palma: Energy Efficiency of Residential Sector in Europe and Its Potential for Facing Climate Change Through Innovation, Ph.D. in Economics, Department of Economics, Roma Tre University (Italy), discussed June 2014.

Ylenia Curci: Understanding Biofuels through Patent Data, Ph.D. in Economics, Department of Economics, Roma Tre University (Italy), discussed June 2013.

PH.D. EXTERNAL EVALUATOR

Chiara Curcio, Ph.D. in Economics, Department of Economics and Law, Sapienza University of Rome, discussed in 2019.

Fabrizio Fusillo, Ph.D. in Innovation for the Circular Economy, Department of Economics and Statistics "S. Cogneetti de Martiis", University of Turin, discussed in 2019.

Laetitia Pettinotti: Ph.D. at the Facultad de Economía y Empresa, Departamento de Fundamentos del Análisis Económico I, Universidad del País Vasco (Bilbao, Spain), discussed in 2018.

Emy Zecca: Ph.D. in Economics and Finance, Department of Economic and Social Science, La Sapienza Università di Roma, discussed in 2018.

Marco Letta: Ph.D. in Economics and Finance, Department of Economic and Social Science, La Sapienza Università di Roma, discussed in 2018.

Giulia Rapicetta: Ph.D. in Economics, Department of Economics, Università degli Studi Roma Tre, discussed in 2017.

Xaquín García-Muros: Ph.D. at the Facultad de Ciencias Económicas y Empresariales Departamento de Fundamentos del Análisis Económico I, Universidad del País Vasco (Bilbao, Spain), discussed in 2017.

Andrea Rampa: Ph.D. in Economics Law and Institutions, University of “Tor Vergata” (Rome, Italy), discussed in 2016.

Anna Dellarole: Ph.D. in Economics, Lombardy Advanced School of Economic Research (LASER), University of Milan (Milan, Italy), discussed in 2016.

Adeline Tubb: Ph.D. in Economics, University of New South Wales (Sidney, Australia), discussed in 2012.

RESEARCH INTERESTS

Climate Change Economics and Policy; Computable General Equilibrium Model for Energy/Environment; Development Economics; Energy Economics and Policy; Environmental Economics and Policy; International Trade; Econometrics; Innovation and research policy.

INTERNATIONAL PUBLICATIONS: JOURNAL ARTICLES

2019

Costantini V., Crespi, F., Pagliarunga, E., Sforza G., 2019, System transition and structural change processes in the energy efficiency of residential sector: evidence from EU countries, *Structural Change and Economic Dynamics*, forthcoming.

Costantini V., Crespi, F., Pagliarunga, E., 2019, Capital-energy substitutability in manufacturing sectors: methodological and policy implications, *Eurasian Business Review*, Vol. 9, pp 157–182.

2018

Costantini V., Markandya, A., Pagliarunga E., Sforza 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*, Vol. 35, pp. 809-843.

Corradini, M., Costantini V., Markandya, A., Pagliarunga E., Sforza G., 2018, A dynamic assessment of instrument interaction and timing alternatives in the EU low-carbon policy mix design, *Energy Policy*, Vol. 120, pp. 73-84.

Costantini V., Crespi F., Pagliarunga, E., 2018, The employment impact of private and

public actions for energy efficiency: Evidence from European industries, *Energy Policy*, Vol. 119, pp. 250-267.

2017

Antimiani, A., Costantini V., Markandya, A., Paglialunga E., Sforza G., 2017, The Green Climate Fund as an effective compensatory mechanism in global climate negotiations, *Environmental Science & Policy*, Vol. 77, pp. 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*, Vol. 46, pp. 799-819.

Costantini V., Crespi F., Marin, G., Paglialunga, E., 2017, Eco-innovation, sustainable supply chains and environmental performances in the European Union industries, *Journal of Cleaner Production*, Vol. 155, pp. 141-154 (Best Paper Award in ENEF Conference 2016, 13th European Network on the Economics of the Firm meeting, Collegio Carlo Alberto, Turin, Italy, September 2016).

2016

Antimiani, A., Costantini V., Kuik, O., Paglialunga, E., 2016, Mitigation of adverse effects on competitiveness and leakage of unilateral EU climate policy: an assessment of policy instruments, *Ecological Economics*, Vol. 128, pp. 246-259.

Costantini V., Sforza G., Zoli M., 2016, Interpreting bargaining strategies of developing countries in climate negotiations. A quantitative approach, *Ecological Economics*, Vol. 121, pp. 128-139.

2015

Antimiani A., Costantini V., Paglialunga E., 2015, The sensitivity of climate-economy CGE models to energy-related elasticity parameters. Implications for climate policy design, *Economic Modelling*, Vol. 51, pp. 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*, Vol. 74, pp. 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*, Vol. 24, pp. 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*, Vol. 44, pp. 577-595.

Costantini V., Crespi F., 2015, European enlargement policy, technological capabilities and sectoral export dynamics, *Journal of Technology Transfer*, Vol. 40, pp. 25-69.

Corradini M., Costantini V., Mancinelli M., Mazzanti M., 2015, Interacting innovation investments and environmental performances: a dynamic impure public good model, *Environmental Economics and Policy Studies*, Vol. 17, pp. 109-129.

2014

Costantini V., Sforza G., 2014, Do bilateral trade relationships influence the distribution of CDM projects?, *Climate Policy*, Vol. 14 (5), pp. 559-580.

Costantini V., Liberati P., 2014, Technology transfer, institutions and development, *Technological Forecasting and Social Change*, Vol. 88, pp. 26-48.

Corradini, M., Costantini V., Mancinelli, M., Mazzanti, M., 2014, Unveiling the dynamic relation between R&D and emission abatement. National and sectoral innovation perspectives from the EU, *Ecological Economics*, Vol. 102, pp. 48-59.

2013

Costantini, V., D'Amato, A., Martini, C., Tommasino, C., Valentini, E., Zoli, M., 2013, Taxing international emissions trading, *Energy Economics*, Vol. 40, pp. 609-621.

Borghesi, S., Costantini V., Crespi F., Mazzanti, M., 2013, Environmental innovation and socio-economic dynamics in institutional and policy contexts, *Journal of Evolutionary Economics*, Vol. 23, pp. 241-245.

Costantini V., Crespi F., 2013, Public policies for a sustainable energy sector: regulation, diversity and fostering of innovation, *Journal of Evolutionary Economics*, Vol. 23, pp. 401-429.

Costantini V., Mazzanti, M., Montini, A., 2013, Environmental performance, innovation and spillovers. Evidence from a regional NAMEA, *Ecological Economics*, Vol. 89, pp. 101-114.

Antimiani, A., Costantini V., 2013, Trade performances and technology in the enlarged European Union, *Journal of Economic Studies*, Vol. 40 (3), pp. 355-389.

Antimiani, A., Costantini, V., Martini, C., Salvatici, L., Tommasino, C., 2013, Assessing alternative solutions to carbon leakage, *Energy Economics*, Vol. 36, pp. 299-311.

2012

Antimiani, A., Carbone, A., Costantini, V., Henke, R., 2012, Agri-food exports in the enlarged European Union, *Agricultural Economics – the Czeck (Zemědělská ekonomika)*, Vol. 58, pp. 354-366.

Costantini V., Mazzanti, M., 2012, On the green and innovative side of trade competitiveness? The impact of environmental policies and innovation on EU exports, *Research Policy*, Vol. 41 (1), pp. 132-153.

Previous years

Costantini, V., Martini, C., 2010, The causality between energy consumption and economic growth: A multi-sectoral analysis using non-stationary cointegrated panel data, *Energy Economics*, Vol. 32(2), pp. 591-603.

Costantini V., Martini C., 2010, A Modified Environmental Kuznets Curve for Sustainable Development Assessment Using Panel Data, *International Journal of Global Environmental Issues*, Vol. 10 (1/2), pp. 84-122.

Costantini V., Monni S., 2009, Gender disparities in the Italian Regions from a Human

Development Perspective, *Journal of Behavioural and Experimental Economics* (formerly *Journal of Socio-Economics*) Vol. 38(2), pp. 256-269.

Costantini V., Crespi F., 2008, Environmental institutions and the trade of energy technologies in Europe, *International Journal of Global Environmental Issues*, Vol. 8 (4), pp. 445-460.

Costantini V., Crespi F., 2008, Environmental regulation and the export dynamics of energy technologies, *Ecological Economics*, Vol. 66 (2-3), pp. 447-460.

Costantini V., Monni S., 2008, Environment, Human Development and Economic Growth, *Ecological Economics*, Vol. 64 (4), pp. 867-880.

Costantini V., Crescenzi R., De Filippis F., Salvatici L., 2007, Bargaining Coalitions in the WTO Agricultural Negotiations?, *The World Economy*, Vol. 30 (5), pp. 863-891.

Costantini V., Gracceva F., Markandya A., Vicini G., 2007, Security of energy supply: comparing scenarios from a European perspective, *Energy Policy*, Vol. 35 (1), pp. 210-226.

Costantini V., Monni S., 2005, Sustainable Human Development for European Countries, *Journal of Human Development*, n. 6 (3), pp. 329-351.

Boots M., Costantini V., Egenhofer C., Gialoglou K., Gracceva F., Luciani G., Markandya A., Scheepers M., Vicini G., 2004, Insuring against Disruptions of Energy Supplies: Market-based Options for Security of Energy Supply, CEPS Policy Brief Working Paper n. 1, Bruxelles.

Costantini, V., Gracceva, F., 2004, Social Costs of Energy Disruptions, CEPS Policy Brief Working Paper n. 6, Brussels.

Costantini, V., Gracceva, F., 2004, Oil Security: short and long term policies, CEPS Policy Brief Working Paper n. 7, Brussels.

INTERNATIONAL PUBLICATIONS: BOOKS

Costantini V., Mazzanti, M., (Eds.), 2013, *The Dynamics of Environmental and Economic Systems. Innovation, Environmental Policy and Competitiveness*, Springer.

Costantini, V., Mazzanti, M., Montini, A., (Eds.), 2012, *Hybrid Economic-Environmental Accounts*, Routledge, New York (ISBN 9780415594219).

INTERNATIONAL PUBLICATIONS: CHAPTERS IN EDITED BOOKS

Costantini, V., Fiedler, A.B., 2018, The Challenge of Implementing Macro Policy in an Increasingly Micro World, Ch. 1 in Fiedler, A.B. (Ed.) "Translating National Policy to Improve Environmental Conditions Impacting Public Health Through Community Planning", Springer, ISBN 9783319753607, pp. 1-21.

Costantini, V., Mele, A., 2018, Green aid flows: trends and opportunities for developing countries, Ch. 21 in Fiedler, A.B. (Ed.) "Translating National Policy to Improve Environmental Conditions Impacting Public Health Through Community Planning",

Springer, ISBN 9783319753607, pp. 23-40.

Caravaggio, N., Costantini, V., Iorio, M., Monni, S., Paglialunga, E., 2017, The challenge of hydropower as a sustainable development alternative. Benefits and controversial effects in the case of the Brazilian Amazon, Ch. 11 in Fadda, S., Tridico, P. (Eds.) "Inequality and Uneven development in the Post-crisis world", Routledge, UK, ISBN 9781138229563, pp. 213-242.

Markandya A., Paglialunga E., Costantini V., Sforza G., 2017, Economic Damages from Climate Change, in "Oxford Research Encyclopaedia in Environmental Economics", Oxford University Press, New York.

Costantini V., Crespi, F., Palma, A., 2015, Mapping innovation systems through patent analysis. The case of technologies for energy efficiency in the residential sector, in Patrucco, P. (Ed.) *The Economics of Knowledge Generation and Distribution: The Role of Interactions in the System Dynamics of Innovation and Growth*, Routledge, ISBN-13: 978-0415821582, pp. 199-220.

Costantini V., Crespi, F., Orsatti, G., Palma, A., 2015, Policy Inducement Effects in Energy Efficiency Technologies. An Empirical Analysis of the Residential Sector, in Ansuategi A., Delgado J., Galarraga. I. (Eds.) *Green Energy and Efficiency. An Economic Perspective*, Springer, ISBN 978-3-319-03631-1, pp. 201-234.

Antimiani, A., Costantini, V., Martini, C., Palma, A., Tommasino, C., 2013, The GTAP-E: model description and improvements, in Costantini V., Mazzanti, M., (Eds.), 2013, *The Dynamics of Environmental and Economic Systems. Innovation, Environmental Policy and Competitiveness*, Springer.

Antimiani, A., Costantini, V., Martini, C., Salvatici, L., Tommasino, C., 2013, Carbon leakage and trade adjustment policies, in Costantini V., Mazzanti, M., (Eds.), 2013, *The Dynamics of Environmental and Economic Systems. Innovation, Environmental Policy and Competitiveness*, Springer.

Costantini, V., Crespi F., Curci, Y., 2013, BioPat: an investigation tool for analysis of industry evolution, technological paths and policy impact in the biofuels sector, in Costantini V., Mazzanti, M., (Eds.), 2013, *The Dynamics of Environmental and Economic Systems. Innovation, Environmental Policy and Competitiveness*, Springer.

Costantini, V., Mazzanti, M., Montini, A., 2012, Air emissions in Italian regions: the role of technological and geographical spillovers, in Costantini, V., Mazzanti, M., Montini, A., (Eds.), *Hybrid Economic-Environmental Accounts*, Routledge, New York (ISBN 9780415594219).

Costantini, V., Crespi F., Zezza, A., 2010, Biofuels public support and technological specialisation in the energy sector, in Mazzanti, M. and Montini, A. (Eds.) "Environmental efficiency, economic performances and environmental policy", Routledge, London, pp. 190-212 (ISBN 9780415478526).

Costantini, V., 2009, WTO Agriculture Negotiations and Developing Countries: An Overview, in Caldeira, T.V., (Ed.) "Economics of Developing Countries", Nova Science Publishers, New York, pp. 21-51 (ISBN 9781604569247).

WORKING PAPERS (RECENT)

Cappelli, F., Conigliani, C., Costantini, V., Lelo, K., Markandya, A., Paglialunga, E., Sforza, G. (2018) Climate Change and Armed Conflicts African Observatory (CACAO): a georeferenced map of Africa. BC3 Working Paper Series 2018-02. Basque Centre for Climate Change (BC3). Leioa, Spain.

Costantini, V., Crespi, F., Paglialunga, E., Sforza, G. (2017). System Transition and Structural Change Processes in the Energy Efficiency of Residential Sector: Evidence from EU countries. SPRU Working Paper Series (SWPS), 2018-03: 1-43. ISSN 2057-6668. Available at: www.sussex.ac.uk/spru/swps2018-03.

SUBMITTED PAPERS (UNDER REVIEW)

Cappelli, F., Conigliani, C., Costantini, V., Lelo, K., Markandya, A., Paglialunga, E., Sforza, G., The impact of short and medium-term change in climate conditions on violent conflicts in Africa: a dynamic spatial panel analysis (World Development).

Costantini, V., Sforza, G., A dynamic CGE model for jointly accounting ageing population, automation and environmental tax reform. European Union as a case study (Economic Modelling, Revision).

INTERNATIONAL PROJECT EVALUATION ACTIVITY

September-October 2018: member of the panel of expert for the European Commission, Horizon2020, Call H2020-LC-CLA-2018-2, H2020-SC5-2018-2, second stage evaluation.

March-May 2018: member of the panel of expert for the European Commission, Horizon2020, Call H2020-LC-CLA-2018-2, H2020-SC5-2018-2, first stage evaluation.

April-October 2014: member of the panel of expert for the European Commission, Horizon2020, Call H2020-SC5-2014-two-stage, first and second stage.

March-April 2013: member of the panel of expert for the European Commission, FP7, Call ENV-2013-two-stage.

November 2011-February 2012: Academy of Finland Research Council for Biosciences and Environment for Project evaluation, Call for Applications Sustainable Economy SUSTECON.

AWARDS, GRANTS, FUNDS FOR RESEARCH PROJECTS

June 2019-May 2022: 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).

January 2019-December 2021: Participation to the research activity under the European Topic Centre on Waste and Materials in a Green Economy (ETC/WMGE) 2019-2021

(Work Package 5 – Economics, Production and Consumption), financial support from the European Environment Agency (EEA) (three-year grant).

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

December 2017-December 2018: Participation to the research activity under the ETC/WMGE Action Plan 2018 (Topic: Sectoral integration and the green economy), financial support from the European Environment Agency (EEA).

October 2017: Financial support for research activities 2017 for best performance in research scores associate professors, Ministry of Research and University, one-year grant.

September 2016: Best Paper Award in ENEF Conference 2016, 13th European Network on the Economics of the Firm meeting, Collegio Carlo Alberto, Turin, Italy, with the paper: Costantini V., Crespi F., Marin, G., Paglialunga, E., 2016, Eco-innovation, sustainable supply chains and environmental performances in the European Union industries.

June 2015-June 2017: Participation to EU H2020 project ENTRUST “Energy System Transition through Stakeholders Activation, Education and Skills Development”, Grant Agreement No. 657998, European Commission, DG-Research (three-year grant).

June 2015-June 2017: Local Scientific Coordinator of Department of Economics, Roma Tre University, for the Department of Economics, Regional Project “SMART ENVIRONMENTS”, financial support from Filas BIC Lazio (two-year grant).

May-October 2015: Local Scientific Coordinator of Department of Economics, Roma Tre University, for the National Project “Assessment methods for evaluating the employment impact of the green economy: the case of energy efficient technologies in the residential sector”, ENEA-ROMATRE Agreement, financial support from MISE (Italian Ministry of Economic Development) (one-year grant).

February 2013-October 2015: Participation to EU FP7 Project CECILIA2050 “Choosing Efficient Combinations of Policy Instruments for Low-carbon development and Innovation to Achieve Europe’s 2050 climate targets”, Grant Agreement No. 308680, European Commission, DG-Research (three-year grant).

October 2012-January 2016: Local Coordinator of Department of Economics, Roma Tre University, for the national project “Climate change in the Mediterranean area: scenarios, economic impacts, mitigation policies and technological innovation”, financial support from Italian Ministry of Education, University and Research (Scientific Research Program of National Relevance 2010-2011) Grant Agreement No. 2010S2LHSE_004 (three-year grant).

January 2012-October 2013: Local Coordinator of Department of Economics, Roma Tre University, for the project “CGE models for emission assessment in the cattle sector”, financial support from INEA, National Institute for Agricultural Economics, Rome (Italy), (two-year grant).

November 2011-March 2015: Participation to EU FP7 Project EMININN

“Environmental Macro Indicators of Innovation”, Grant Agreement no: 283002, FP7 (as a member of research unit CERIS-CNR Milano) (four-year grant).

March 2010-October 2012: Local Coordinator of Department of Economics, Roma Tre University, for the project “Technological innovation in the biofuels sector: economic drivers and public policies”, financial support from INEA, National Institute for Agricultural Economics, Rome (Italy), (two-year grant).

March 2010-February 2013: Local Coordinator of Department of Economics, Roma Tre University, for the project “Integrated assessment models for the assessment of public policies for Energy efficiency in the building sector”, financial support from local administration (Regione Lazio) (three-year grant).

From December 2008: Coordinator for research unit Department of Economics, University Roma Tre, in the consortium ENEA-INEA-ROMATRE on “Integrating bottom-up and top-down energy models: the case of GTAP-E and Markal-Italy”.

2008-2010: Participation to the research project on “European Union policies, economic and trade integration processes and WTO negotiations”, financial support from the Italian Ministry of Education, Universities and Research (Scientific Research Program of National Relevance 2007).

2005-2007: Participation to the research project on “The new multilateral trade negotiations within the World Trade Organisation (Doha Round): liberalisation prospects and the impact on the Italian economy”, financial support from the Italian Ministry of Education, Universities and Research (Scientific Research Program of National Relevance 2007).

2005-2007: Department of Economics, Roma Tre University, research fellowship, (three-year grant).

2003: Participation to the EU FP5 Research project “INDES: ensuring security of energy supply”, European Commission DGTren, with FEEM, Fondazione Eni Enrico Mattei, Milan (Italy).

1999-2002: Department of Economics, Roma Tre University, three years grant for PhD course.

INTERNATIONAL CONFERENCE (RECENT)

26-29 June 2019: “The impact of short and medium-term change in climate conditions on violent conflicts in Africa: a dynamic spatial panel analysis” (Cappelli F., Conigliani, C., Costantini V., Lelo K., Markandya, A., Paglialunga E., Sforza G.), 24rd Annual EAERE Conference, University of Manchester, UK.

11-13 April 2019: “Climate Change and Armed Conflicts African Observatory (CACAO): Challenges for the XXI Century” (Cappelli F., Conigliani, C., Costantini V., Lelo K., Markandya, A., Paglialunga E., Sforza G.), 24th Spring Meeting of Young Economists (SMYE), European Association of Young Economists, Université libre de Bruxelles, Belgium.

15-16 February 2018: “Climate change, armed conflicts and socio-economic conditions: A georeferenced map of Africa” (Cappelli F., Costantini V., Lelo K., Paglialunga E., Sforza G.), 6th Annual IAERE Conference, Università degli Studi di Torino, Italy.

28 June-01 July 2017: “Policy instruments interaction in the long-term EU low-carbon strategy” (Corradini M., Costantini V., Markandya A., Paglialunga E., Sforza G.), 23rd Annual EAERE Conference, International Centre for Research on the Environment and the Economy (ICRE8), Athens, Greece.

07-09 June 2017: “Mapping policy mix and innovation performance in energy efficiency for the residential sector: clusters and trajectories over the last twenty years in EU countries” (Costantini V., Crespi F., Paglialunga E., Sforza G.), EU-SPRI Conference, The Future of STI – The Future of STI Policy, Austrian Institute of Technology, Wien, Austria.

15-17 June 2016: “Climate change damage and negotiations” (Antimiani A., Costantini V., Markandya A., Paglialunga E., Sforza G.), 19th Annual GTAP Conference, Analytical Foundations for Cooperation in a Multipolar World, The World Bank, Washington DC, USA.

07-09 June 2016: “Characterizing the policy mix and its impact on eco-innovation in energy-efficient technologies” (Costantini V., Crespi F., Palma A.), EU-SPRI Conference, Exploring new Avenues for Innovation and Research Policies, CIRCLE, Lund University, Sweden.

07-10 July 2015: “Interpreting bargaining strategies of developing countries in climate negotiations – A quantitative approach” (Costantini V., Sforza G., Zoli M.), Poster at the International Scientific Conference “Our Common Future Under Climate Change”, UNESCO, Paris, France.

01-03 July 2015: “Characterizing the policy mix and its impact on eco-innovation in energy-efficient technologies” (Costantini V., Crespi F., Palma A.), 4th Governance of a Complex World (GCW) Conference, Nice, France.

28 June-02 July 2014: “Analysing Trade-offs in International Climate Policy Options: the Case of the Green Climate Fund” (Antimiani A., Costantini V., Markandya A., Martini C., Palma A., Tommasino M.C.), 5th WCERE (World Congress of Environmental and Resource Economics), Istanbul, Turkey.

18-20 June 2014: “Analysing Trade-offs in International Climate Policy Options: the Case of the Green Climate Fund” (Antimiani A., Costantini V., Markandya A., Martini C., Palma A., Tommasino M.C.), 17th Annual Conference on Global Economic Analysis (GTAP), Dakar, Senegal.

18-20 June 2012: “Demand-pull and technology-push public support for eco-innovation: The case of the biofuels sector”, (Costantini V., Crespi F., Martini C., Pennacchio L.), 1st Governance of a Complex World (GCW) International Conference, Nice, France.

28-30 October 2010: “Trade and technology transfer from a development perspective”, (Antimiani A., Costantini V., Liberati P.), EAEPE 2010 Conference, Bordeaux, France.

21-24 June 2010: “Environmental Performance and Regional Innovation Spillovers”,

(Costantini V., Mazzanti M., Montini A.), 13th Conference of the International Schumpeter Society, Aalborg University, Denmark.

04 March 2010: “On the green side of trade competitiveness? Environmental policies and innovation in the EU” (Costantini V., Mazzanti M.), ENVECON, UK network of Environmental Economists, Royal Society, London.

REFEREE ACTIVITY FOR INTERNATIONAL JOURNALS

Applied Economics, Applied Energy, Ecological Economics, Economic Modelling, Economics of Innovation and New Technologies, Energy Economics, Energy Policy, Environment and Development Economics, Environmental and Resource Economics, Environmental Science and Policy, Industrial & Corporate Change, Industry & Innovation, International Journal of Global Energy Issues, International Journal of Global Environmental Issues, International Journal of Production Economics, International Journal of Sustainable Economy, International Environmental Agreements: Politics, Law and Economics, Journal of Cleaner Production, Journal of Economic Studies, Journal of Environmental Economics and Management, Journal of Evolutionary Economics, Land Use Policy, Nature-Energy, PNAS-Proceedings of the National Academy of Sciences of the US, Regional Studies, Research Policy, Resource and Energy Economics, Structural Change and Economic Dynamics, Technological Forecasting & Social Change, Technovation, The Energy Journal, The World Economy, World Development.

COMMITTEE PARTICIPATION FOR ACADEMIC SELECTION

April 2019: Associate Professor in Economics of Innovation, University of Nice-GREDEG (CNRS), France.

January-April 2019: Full Professor in Economic Policy, University of Siena, Italy.

May 2018: Associate Professor in Economic Policy, University of Ferrara, Italy.

January 2018: Temporary Researcher in Economics of Innovation, University of Ferrara, Italy.

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