


PERSONAL INFORMATION

Gabriele Standardi

 Via della libertà 12 - 30175, Venice - ITALY

 gabriele.standardi@cmcc.it

 <https://www.cmcc.it/people/standardi-gabriele>

Sex Male | Date of birth 01/02/1979 | Nationality Italian

ORCID iD: <https://orcid.org/0000-0002-4989-2201>

WORK EXPERIENCE

January 2012 to present

Researcher

CMCC@Ca'Foscari

Euro-Mediterranean Center on Climate Change (CMCC) | Ca' Foscari University Venice

RFF-CMCC European Institute on Economics and the Environment (EIEE)

Via della libertà 12 - 30175, Venice - ITALY

<http://www.cmcc.it/>

January 2012 to 2017

Researcher

FEEM – Fondazione ENI Enrico Mattei

Isola di San Giorgio Maggiore 8, 30124, Venice - ITALY

<http://www.feem.it/>

January 2011 to December 2011

Post-Doc Researcher

CNRS – Centre Nationale de la Recherche Scientifique

Rue de Canonniers 2, 59046 Lille – FRANCE

February 2008 to June 2008

Intern – Research Assistant

CEPII – Centre d'Etudes Prospectives et d'Informations Internationales

Rue de Grenelle 113, 75007 Paris – France

EDUCATION AND TRAINING

January 2006 to May 2010

PhD in Economics and Finance

University of Verona – Via dell'Artigliere 8, 37129 Verona - ITALY

• Computable General Equilibrium Modelling, International Trade

October 2006 to October 2008

Master of Science in International Economics

University of Cergy-Pontoise – 33 Boulevard du Port, 95011 Cergy-Pontoise - FRANCE

• Computable General Equilibrium Modelling, International Trade, Econometrics

October 1998 to November 2004

Master Degree in Political Science

▪ University of Perugia – Piazza Università 1, 06123 Perugia - ITALY

Statistics, Economics, Demography

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

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

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

Common European Framework of Reference for Languages

Computer skills

Gempack, Gams, R, Stata, Office

ADDITIONAL INFORMATION

Projects

2021, Atlanteco (Horizon Europe): Atlantic ECOsystems assessment, forecasting & sustainability

2021, Talanoa Water (H2020): Talanoa Water Dialogue for Transformational Adaptation to Water Scarcity Under Climate Change

2018, Coacch (H2020): Co-designing the Assessment of Climate Change costs

2016, Enhance (FP7): Enhancing risk management partnerships for catastrophic natural disasters in Europe

2015, Costadapt (Commissioned Project): complementing the national adaptation strategies with tailor-made regional adaptation and climate risk reduction strategies

2014-2015, Vectors (FP7): improving our understanding of how environmental and man made factors are impacting marine ecosystems now and how they will do so in the future

2013-2015, Dynamix (FP7): dynamic and robust policy mixes to shift the EU onto a pathway to absolute decoupling of long-term economic growth from resource use and adverse environmental impacts

2012-2015, Gemina (National Project): detailing the spatial resolution of a global CGE model for the Mediterranean area

2014, Economic Assessment for the Finnish Environment Institute (Commissioned Project): indirect economic impacts of climate change on the Finnish economic system using the CGE approach

2014, Marine Strategy (National Project): preparatory phase on the Marine Strategy Framework Directive developed by ISPRA and University of Cà Foscari

2014, Climafrica (FP7): Socio-economic implications of climate change impacts and adaptation measures in Sub Saharan Africa

2013, Global-IQ (FP7): estimation of socio-economic impacts of global challenges, at the global, European and national scales; Identification of optimal adaptation strategies; optimal mix of adaptation and mitigation

Conferences

Assessing macro-economic effects of climate impacts on energy demand in EU sub-national regions. Presented in: 24th Annual Conference on Global Economic Analysis, online, 23-25 June 2021

Welfare implications of increasing spatial resolution in national CGE models for climate change impact assessment. Presented in: 23th Annual Conference on Global Economic Analysis, online, 17-19 June 2020

Welfare implications of increasing spatial resolution in national CGE models for climate change impact assessment. Presented in: 8th Annual Conference of the Italian Association of the Environmental and Resource Economists, Brescia, 7 February 2020

Exploring market adaptation to climate change in a general equilibrium global trade model. Presented in: 24th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Manchester, UK, 26-29 June 2019

Testing a methodology to split a national database and compute intra-national trade flows: an application for the Russian regions. Presented in: 22th Annual Conference on Global Economic Analysis, Warsaw, 19-21 June 2019

The role of spatial and technological details for energy/carbon mitigation impacts assessment in Computable General Equilibrium models. Presented in: 37th International Energy Workshop (IEW), Gothenburg, Sweden, 19-21 June 2018

A Coupled Positive Multi-Attribute Utility Programming and Computable General Equilibrium Model to Assess the Micro-macro Feedback Links of Agricultural Water Management. Presented in: 6th Annual Conference of the Italian Association of the Environmental and Resource Economists, Turin, Italy, 15-16 February 2018

Economy-wide repercussions of agricultural water buyback. Presented in: Società Italiana per le Scienze del Clima (SISC) - Fifth Annual Conference -, Bologna, Italy, 26-27 October 2017.

Economy-wide repercussions of agricultural water buyback. Presented in: 23rd Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Athens, Greece, 28 June – 1 July 2017

Endogenous technical change linked to international mobility of primary factors in climate change scenarios: global welfare implications using the GTAP model. Presented in: 20th Annual Conference on Global Economic Analysis, West Lafayette, USA, 7-9 June 2017

Economy-wide repercussions of agricultural water buyback. Presented in: 5th Annual Conference of the Italian Association of the Environmental and Resource Economists, Rome, Italy, 16-17 February 2017

Sensitivity of Modeling Results to Technological and Regional Details: The Case of Italy's Carbon Mitigation Policy. Presented in: Ecomod2016, Lisbon, Portugal, 6-8 July 2016

Sensitivity of Modeling Results to Technological and Regional Details: The Case of Italy's Carbon Mitigation Policy. Presented in: 22nd Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Zurich, Switzerland, 22-25 June 2016

Sensitivity of Modeling Results to Technological and Regional Details: The Case of Italy's Carbon Mitigation Policy. Presented in: 35th International Energy Workshop (IEW), Cork, Ireland, 1-3 June 2016

Sensitivity of Mitigation costs to regional and technological detail: the case of the Italian electricity sector. Presented in: 4th Annual Conference of the Italian Association of the Environmental and Resource Economists, Bologna, Italy, 11-12 February 2016

Sensitivity of Mitigation costs to regional and technological detail: the case of the Italian electricity sector. Presented in: Florence School of Regulation, Climate Annual Conference, Florence, Italy, 22-23 October 2015

Incremental water charging in agriculture. A case study of the Region Emilia Romagna in Italy. Presented in: Science Symposium on Climate, Rome, Italy, 19-20 November 2015

Economics of flood risk in Italy under current and future climate. Presented in: Our Common

Future Conference, Paris, France, 7-10 July 2015

Assessing the economic general equilibrium effects of sea level rise in the Italian regions.
Presented in: European Climate Change Adaptation Conference, Copenhagen, Denmark, 12-14 May 2015

International Migration and Climate Change Economic Impact: a CGE Assessment for SLR.
Presented in: 3rd Annual Conference of the Italian Association of the Environmental and Resource Economists, Padua, Italy, 20-21 February 2015

Assessing the economic general equilibrium effects of sea level rise in the Italian regions.
Presented in: Società Italiana per le Scienze del Clima (SISC) - Second Annual Conference - Climate Change: scenarios, impacts and policy, Venice, Italy, 29-30 September 2014

Endogenous determination of migration flows between Africa and European Union by interlinking demographic dynamics and labour market liberalization in a modified version of the GTAP model.
Presented in: 17th Annual Conference on Global Economic Analysis, Dakar, Senegal, 18-20 June 2014

Assessing the economic general equilibrium effects of sea level rise in the Italian regions.
Presented in: 2nd Annual Conference of the Italian Association of the Environmental and Resource Economists, Milan, Italy, 13-14 February 2014

Assessing direct and indirect economic impacts of a flood event through the integration of spatial and computable general equilibrium modelling. Presented in: Second Convention of CMCC and FEEM Research Divisions on Climate Change and Sustainable Development, Venice, Italy, 21-23 October 2013

A Sub-national Version of the GTAP Model for Italy. Presented in: 16th Annual Conference on Global Economic Analysis, Shanghai, China, 12-14 June 2013

A sub-national version of the ICES model for the Italian macro-regions. Presented in: 1st Convention of CMCC and FEEM Research Divisions on Climate Change and Sustainable Development held in Venice, Italy, 22-24 October 2012

A Global CGE Model at the NUTS 1 level for Trade Policy Evaluation. Presented in: Doctoral Meeting in International Trade and International Finance, Kiel, Germany, 27-28 May 2010, Research in International Economics and Finance network (RIEF)

Honours and awards

Economic Modelling for Climate Energy Policy (ECOCEP) grant., Australian National University, Canberra, Australia (October-December 2014)

Research prize 2nd semester 2014, Best paper FEEM internal meeting, "Assessing direct and indirect economic impacts of a flood event through the integration of spatial and computable general equilibrium modelling"

Referee Activity

Climate Change Economics, Climatic Change, Economic System Research, Energies, Environmental Economics and Policy Studies, Land Use Policy, Regional Environmental Change, Water, Mitigation and Adaptation Strategies for Global Change, Environmental Modeling & Assessment

Memberships

Centre for Applied Macroeconomic Analysis (CAMA), Australian National University.
Program Affiliation: Multi-Country Models and Methods

European Association of Environmental and Resource Economists (EAERE)

Italian Association of Environmental and Resource Economists (IAERE)

Global Trade Analysis Project (GTAP)

Publications in peer reviewed journals

García-León D., Casanueva A., Standardi G., Burgstall A., Flouris A.D., Nybo L. (2021). Current and projected regional economic impacts of heatwaves in Europe, *Nature Communications*, f12:5807

García León D., Standardi G. and Staccione A. (2020). An integrated approach for the estimation of agricultural drought costs, *Land Use Policy*, Vol 100, 104923

Pérez-Blanco C.D. and Standardi G. (2019). Farm waters run deep: a coupled positive multi-attribute utility programming and computable general equilibrium model to assess the economy-wide impacts of water buyback, *Agricultural Water Management*, 213, pp 336-351

Parrado R., Pérez-Blanco C.D., Gutiérrez-Martín C. and Standardi G. (2019). Micro-macro feedback links of agricultural water management: insights from a coupled iterative Positive Multi-Attribute Utility Programming and Computable General Equilibrium model in a Mediterranean basin, *Journal of Hydrology*, vol. 569, pp 291-309

Panagos P., Standardi G., Borrelli P., Lugato E., Montanarella L. and Bosello F. (2018). Cost of agricultural productivity loss due to soil erosion in the European Union: from direct cost evaluation approaches to the use of macroeconomic models, *Land Degradation & Development*, vol. 29(3), pp.471-484

Standardi G., Cai Y. and Yeh S. (2017). Sensitivity of Modeling Results to Technological and Regional Details: The Case of Italy's Carbon Mitigation Policy, *Energy Economics*, vol. 63, pp 116-128

Koks E. E., Carrera L., Jonkeren O., Aerts J.C.J.H., Husby T.G., Thissen M., Standardi G. and Mysiak J. (2016). Regional disaster impact analysis: comparing Input-Output and Computable General Equilibrium models, *Natural Hazards and Earth System Sciences*, vol. 16, pp. 1911-1924

Pérez-Blanco C.D., Standardi G., Mysiak J., Parrado R. and Gutiérrez-Martín C. (2016). Incremental water charging in agriculture. A case study of the Region Emilia Romagna in Italy, *Environmental Modelling & Software*, vol. 78, pp 202-215

Carrera L., Standardi G., Bosello F. and Mysiak Y. (2015). Assessing direct and indirect economic impacts of a flood event through the integration of spatial and computable general equilibrium modelling, *Environmental Modelling & Software*, vol. 63, 109-122

Perali F., Pieroni L. and Standardi G. (2012). World Tariff Liberalization in Agriculture: an Assessment Using a Global CGE Trade Model for EU15 Regions, *Journal of Policy Modeling*, vol. 34(2), pp. 155-180

Chapters in books Bosello F. and Standardi G. (2018). A Sub-national CGE Model for the European Mediterranean Countries, in F. Perali and P. L. Scandizzo (eds.), *The New Generation of Computable General Equilibrium Models*, Springer International

Working papers Standardi G, Cai Y and Yeh S. (2017). Sensitivity of Modeling Results to Technological and Regional Details: The Case of Italy's Carbon Mitigation Policy, Working Papers 2017.019, Fondazione Eni Enrico Mattei

Del Piaggio E., Parrado R. and Standardi G. (2017). Extending the Public Sector in the ICES Model with an Explicit Government Institution, Working Papers 2017.011, Fondazione Eni Enrico Mattei

Carrera L., Standardi G., Koks E. E., Feyen L., Mysiak J., Aerts J.C.J.H. and Bosello F. (2015). Economics of flood risk in Italy under current and future climate, Research Paper CMCC, RP0272

Bosello F. and Standardi G. (2015). A Sub-national CGE model for the European Mediterranean Countries, Research Paper CMCC, RP0274

Del Piaggio E., Parrado R. and Standardi G. (2015). Phase-out of fossil fuel subsidies: implications for emissions, GDP and public budget, Research Paper CMCC, RP0275

Del Piaggio E., Standardi G., (2015). Introducing an explicit Government institution in ICES model, Research Paper CMCC, RP0243

Standardi G., Eboli F., (2015). Sea Level Rise in the Italian regions: a macro-economic assessment , Research Papers CMCC, RP0251

Carrera L., Standardi G., Bosello F. and Mysiak J. (2014). Assessing Direct and Indirect Economic Impacts of a Flood Event Through the Integration of Spatial and Computable General Equilibrium Modelling, Working Papers 2014.82, Fondazione Eni Enrico Mattei

Standardi G., Bosello F. and Eboli F. (2014). A Sub-national CGE Model for Italy, Working Papers 2014.04, Fondazione Eni Enrico Mattei

Bosello F. and Standardi G. (2013). Data on fiscal systems of countries represented in the ICES model, with focus on fossil fuel subsidies and first test run. Research Papers CMCC, RP0198

Farinosi F., Carrera L., Maziotis A., Mysiak J., Eboli F. and Standardi G. (2012). Policy-relevant Assessment Method of Socio-economic Impacts of Floods: an Italian Case Study, Working Papers 2012.87, Fondazione Eni Enrico Mattei

Standardi G. (2010). A Global CGE Model at the NUTS 1 level for Trade Policy Evaluation, Working Paper 10/2010, University of Verona, Department of Economic Sciences