

PERSONAL INFORMATION

Gabriele Standardi

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

WORK EXPERIENCE

January 2012 to present **Researcher**

CMCC@Ca'Foscari

Centro Euro-Mediterraneo sui Cambiamenti Climatici | Università Ca' Foscari Venezia

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

Via della libertà 12 - 30175, Venice - ITALY

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

- Economic Evaluation of Climate Impacts and Policies

January 2012 to 2017 **Researcher**

FEEM – Fondazione ENI Enrico Mattei

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

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

- Economic Evaluation of Climate Impacts and Policies

January 2011 to December 2011 **Post-Doc Researcher**

CNRS – Centre Nationale de la Recherche Scientifique

Rue de Canoniers 2, 59046 Lille - FRANCE

- Simulation of Educational Systems in a Dynamic General Equilibrium Model

February 2008 to June 2008 **Intern – Research Assistant**

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

Rue de Grenelle 113, 75007 Paris - FRANCE

- Simulation of Trade policy Scenarios using large database in CGE models

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 **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	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, Stata, Latex, Office

ADDITIONAL INFORMATION

Projects

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

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.

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).

Publications in peer reviewed journals 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.

- References**
- Carlo Carraro
Full Professor of Environmental Economics and Econometrics at the University Ca' Foscari of Venice
Executive Board Member of CMCC
- Francesco Bosello
Associate professor of economics at the University Statale of Milan
Director of the Economic Analysis of Climate Impacts and Policy Division (ECIP) of CMCC