

PERSONAL INFORMATION

**Elisa Delpiazzo**



📍 Edificio Porta dell'Innovazione - Piano 2 Via della Libertà, 12 – 30175, Venezia Marghera, Italy

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🌐 <http://www.cmcc.it/it/people/delpiazzo-elisa>



Sex Female | Date of birth 12/07/1982 | Nationality Italian

POSITION

**Junior Scientist**

WORK EXPERIENCE

From 07/2018  
to present

**Scientist**

RFF-CMCC European Institute on Economics and the Environment

Edificio Porta dell'Innovazione - Piano 2

Via della Libertà, 12

IT– 30175, Venezia Marghera

Website: [www.eiee.org](http://www.eiee.org)

- Impact assessment of climate change using CGE models.
- Analysis and evaluation of climate policies Using CGE models.

From 01/2018  
to present

**Business or sector:** Research centre

**Junior Scientist**

CMCC@Ca'Foscari

Centro Euro-Mediterraneo sui Cambiamenti Climatici and Ca' Foscari University Venice

Edificio Porta dell'Innovazione - Piano 2

Via della Libertà, 12

IT– 30175, Venezia Marghera

Website: [www.cmcc.it](http://www.cmcc.it)

- CGE modelling: Impact assessment of climate change; Analysis and evaluation of climate policies.
- Economic evaluation of climate services: assessing socio- economic value; co-production and co-evaluation; decision theory.

From 04/2017  
to 12/2017

**Business or sector:** Foundation, Research centre

**Junior Researcher**

Fondazione Eni Enrico Mattei

Economic Impact Assessment (EIA) Programme

Isola di San Giorgio Maggiore 8,

IT- 30124 Venice

Website: [www.feem.it](http://www.feem.it)

- Impact assessment of climate change using the Computable General Equilibrium model ICES.

**Business or sector:** Foundation, Research centre

From 09/2013  
to 03/2017

### Affiliated Researcher

Fondazione Eni Enrico Mattei  
Economic Impact Assessment (EIA) Programme

Isola di San Giorgio Maggiore 8,

IT- 30124 Venice

Website: [www.feem.it](http://www.feem.it)

- Impact assessment of climate change using the Computable general Equilibrium model ICES.

**Business or sector:** Foundation, Research centre

From 09/2013  
to 12/2017

### Post-Doc

Fondazione Centro Euro-Mediterraneo sui Cambiamenti Climatici

Economic analysis of Climate Impacts and Policies (ECIP) division

Isola di San Giorgio Maggiore 8,

IT- 30124 Venice

Website: [www.cmcc.it](http://www.cmcc.it)

- Impact assessment of climate change using the Computable General Equilibrium model ICES.
- Development of the ICES-XPS model.
- Assessment of fiscal and budgetary effects of climate change using the ICES-XPS model.
- Assessment of fiscal and budgetary effects of mitigation and adaptation policies using the ICES-XPS model.
- Economic valuation and assessment of climate change impacts, mitigation and adaptation policies using alternative economic instruments.

**Business or sector:** Foundation, Research centre

From 05/2013  
to 06/2013

### Lecturer

University of Genova- Political Science Faculty

Department of Political Science (DISPO)

Largo della Zecca 8,

IT- 16124 Genova

Website: [www.dispo.unige.it](http://www.dispo.unige.it)

- Teaching at the doctoral program in “Public economics and finance”.
- 20hour module in “CGE modelling for beginners”.

Topics: Social Accounting Matrix; Computable general equilibrium modelling theory; Application to fiscal issues using GAMS/MPSGE.

**Business or sector:** University

From 02/2012  
to 06/2013

### Researcher

University of Genova- Economic Faculty

Department of Economics and Quantitative Methods (DIEM)

Via Vivaldi, 2  
IT- 16124 Genova

Website: [www.economia.unige.it](http://www.economia.unige.it)

Tasks: Building of a survey for local governments to assess the use of means tests (i.e. ISEE); Analysis of the final survey and report results to regional civil servants and stakeholders; Final report; Assistance in the development of a regional microsimulation model.

Business or sector: University

From 09/2008  
to 06/2009

### Assistant researcher

CICOPS, Interfaculty Centre for Cooperation with Developing Countries- University of Pavia  
University of Pavia

Cooperazione Italiana in Mozambico U.T.L.- MAE (Ministry for Foreign Affairs)

Website: [www.unipv.eu/site/home/naviga-per/laureati/cicops.html](http://www.unipv.eu/site/home/naviga-per/laureati/cicops.html)

Tasks: Building of a trade- focused 2003 Social Accounting Matrix for Mozambique, Using different data sources, development of a Social Accounting Matrix with a highly disaggregated external sector to study the effects of the SADC trade protocol; Participation in the construction of a Bastard Keynesian Computable General Equilibrium model; Definition of a simplified version of the Bastard Keynesian model.

Business or sector: University

## EDUCATION AND TRAINING

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From 19/05/2014  
to 23/05/2014

### 14th Workshop on Economic Modelling. Equilibrium Analysis of Energy and Climate Policies

Department of Applied Economic Analysis.

University of Las Palmas de G.C.

Campus universitario de Tarifa, 35017 Las Palmas de Gran Canaria

Topics: Economic equilibrium and mixed complementarity; Partial equilibrium modelling of climate and energy policies; CGE models and analysis of energy and climate policies.

From 03/06/2009  
to 16/06/2009

### Summer School on Structural Changes: Analysis, Experiences, and Methodology

CDN- Cooperation and Development Network

University of Pavia

Corso Strada Nuova

IT- 27100 Pavia

Topics: Keynesian and Structuralist Macroeconomics; Heterodox Approaches to International Finance; Structural Changes and Development Policies; Structuralist CGE Modelling.

From 10/2006  
to 07/2011

### Doctor of Philosophy (PhD)

Doctoral School of Economic Policy

Doctoral Program in Quantitative Methods for Policy Analysis (QMPA)

Università Cattolica del Sacro Cuore

Via Emilia Parmense

IT-29100 Piacenza

PhD dissertation title: "The Mozambican participation in SADC- A liberalization process through different models and different closure".

Scientific sectors: SECS- P/ 01; SECS-P/ 02

Supervisors: prof. Marco Missaglia (University of Pavia)

Topics: Computable General Equilibrium Theory; Neoclassical, Keynesian, and Structuralist/ post Keynesian CGE modelling; SAMs building; Simulation with GAMS-MPSGE.

From 10/2004  
to 07/2006

**Master's degree**

Major in Economics, Politics, and International Organizations

University of Pavia

Political Science and Economic Faculties

Corso Strada Nuova

IT- 27100 Pavia

Master dissertation title: "Regionalismo economico: Una soluzione per le asimmetrie Nord-Sud? Il caso dell'ASEAN." (Economic Regionalism: a solution for North- South asymmetries? The ASEAN case)

Scientific sectors: SECS- P/ 01; SECS-P/ 02

Grade: 110/110 cum laude

Supervisors: prof. Marco Missaglia (University of Pavia); prof. Riccardo Fiorentini (University of Pavia); prof. Renata Targetti Lenti (University of Pavia)

Topics: International Macroeconomics; International Trade; Development Economics

From 10/2001  
to 07/2004

**Bachelor's degree**

Major in Economics and International Finance

University of Genova

Political Science Faculty

Via Balbi

IT-16124 Genova

Bachelor dissertation title: "La programmazione finanziaria dell'ente provincia." ((Financial budget in local governments)

Scientific sectors: SECS- P/ 03

Grade: 110/110 cum laude

Supervisors: prof. Luca Gandullia (University of Genova)

Topics: Public Economics

**PERSONAL SKILLS**

Mother tongue(s)

Italian

Other language(s)

UNDERSTANDING

SPEAKING

WRITING

Listening

Reading

Spoken interaction

Spoken production

English

C2

C2

C1

C1

C2

German

B1

B1

A2

A2

B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

- Communication skills**
- Good communication skills gained through team work on several international projects.
  - Extensive experience in working in cross-cultural settings gained through the work at CMCC and FEEM.
  - Good presentation skills gained through participation in international conferences, workshops, and doctoral seminars.
- Organisational / managerial skills**
- Good ability to work under pressure and to deal with tight deadlines.
  - Excellent ability in writing papers, and technical reports as well as project reports mainly gained through the work at CMCC and FEEM.
  - Good ability to report to different stakeholders (academics, civil servants, other researchers) gained through the work at CMCC and FEEM and during my work in the joined project University of Genova-Regione Liguria.
  - Excellent ability in organizing teamwork gained through coordinating working groups in international projects.
- Job-related skills**
- Ability in data handling and development of large-scale databases.
  - Ability in CGE models code writing.
  - Proficient user of GAMS/MPSGE software.
  - Proficient user of GTAP database and software.
  - Proficient user of GEMPACK software.
  - Independent user of UNDevInfo software and database.
  - Basic user of Mathematica, EViews, Stata.
- Computer skills**
- Good command of Microsoft Office™ tools.
  - Good command of Microsoft Windows program.
- Others**
- 2017: Course on safety at work (general course).
  - 2017: Course on safety at work (VDU operator).

## ADDITIONAL INFORMATION

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- Publications**      **Articles in peer-reviewed journals:**
- **Delpiazzo E.**, Bosello F., Mazzoli P., Bagli S., Luzzi V. and Dalla Valle F. (*submitted*). Co-Evaluation of Climate Services. A Case Study for Hydropower Generation. *Climate Services*.
  - Giarola S., Mittal S., Vielle M., Perdana S., Campagnolo L., **Delpiazzo E.**, Bui H., Anger Kraavi A., Kolpakov A., Sognnaes I., Peters G., Hawkes A., Koberle A., Grant N., Gambhir A., Nikas A., Doukas H., Moreno J., van de Ven D.-J. (2021). Challenges in the harmonisation of global integrated assessment models: A comprehensive methodology to reduce model response heterogeneity. *Science of The Total Environment*, vol. 783. <https://doi.org/10.1016/j.scitotenv.2021.146861>
  - Nikas A., Elia A., Boitier B., Koasidis K., Doukas H., Casseti G., Anger-Kraavi A., Bui, H., Campagnolo L., De Miglio R., **Delpiazzo E.**, Fougeyrollas, A., Gambhir, A., Gargiulo M., S. Giarola, Grant N., Hawkes A., Herbst A., Köberle A.C., Kolpakov A., Le Mouël P., McWilliams B., Mittal S., Moreno J., Neuner F., Perdana S., Peters G.P., Plötz P., Rogelj J., Sognnaes I., Van de Ven D.-J., Vielle M., Zachmann G., Zagamé P., Chiodi A. (2021). Where is the EU headed given its current climate policy? A stakeholder-driven model inter-comparison. *Science of The Total Environment*, vol. 793. <https://doi.org/10.1016/j.scitotenv.2021.148549>
  - Sognnaes I., Gambhir A., van de Ven D.-J., Nikas A., Anger-Kraavi A., Bui H., Campagnolo L., **Delpiazzo E.**, Doukas H., Giarola S., Grant N., Hawkes A., Köberle A.C., Kolpakov A., Mittal S., Moreno J., Perdana S., Rogelj J., Vielle M., Peters G.P. (2021). A multi-model analysis of long-term emissions and warming implications of current mitigation efforts. *Nature Climate Change*. <https://doi.org/10.1038/s41558-021-01206-3>
  - Parrado R., Bosello F., **Delpiazzo E.**, Hinkel J., Lincke D., Brown S. (2020). Fiscal effects and the potential implications on economic growth of sea level rise impacts and coastal zone protection. *Climatic Change*. <https://doi.org/10.1007/s10584-020-02664-y>
  - Groeneveld R. A., Bartelings H., Börger T., Bosello F., Buisman E., **Delpiazzo E.**, Eboli F., Fernandes J.A., Hamon K.G., Hattam C., Loureiro M., Nunes P.A.L.D., Piwowarczyki J., Schasfoort J.E., Simonsk S.L., Walkera A.N. (2018). Economic impacts of marine ecological

change: Review and recent contributions of the VECTORS project on European marine waters. *Estuarine, Coastal and Shelf Science*, 201, p. 152-163. <https://doi.org/10.1016/j.ecss.2016.04.002>

#### Online articles:

- Bosello, F., **Delpiazzo, E.** and F. Eboli (2015). Acidification in the Mediterranean Sea: impacts and adaptation strategies. *Review of Environment, Energy and Economics*. Available online at: <http://re3.feem.it/getpage.aspx?id=7335>

#### Working Papers:

- **Delpiazzo E.**, Parrado R., and G. Standardi (2017). *Extending the public sector in ICES with an explicit government institution*. FEEM Note di lavoro.
- Bosello, F., **Delpiazzo, E.** and F. Eboli (2015). *Macro-economic impact assessment of future changes in European marine ecosystem services*. FEEM Note di lavoro 2015.022.
- **Delpiazzo E.** (2015). *Public finance and climate change adaptation: could adaptation policies foster public fiscal sustainability? The case of Italy*. CMCC Research Papers Issue RP0278.
- **Delpiazzo E.**, Parrado R., and F. Bosello (2015). *Analyzing the coordinated impacts of climate policies for financing adaptation and development actions*. CMCC Research Papers Issue RP0276.
- **Delpiazzo E.**, Parrado R., and G. Standardi (2015). *Phase-out of fossil fuel subsidies: implications for emissions, GDP and public budget*. CMCC Research Papers Issue RP0275.
- **Delpiazzo E.** and G. Standardi (2014). *Introducing an explicit Government institution in ICES model*. CMCC Research Papers Issue RP0243.

#### Chapters in books:

- Ziveri P., **Delpiazzo E.**, Bosello F. and F. Eboli (2017). Adaptation policies and strategies as a response to ocean acidification and warming in the Mediterranean Sea. In P.A.L.D. Nunes, P. Kumar, L. E. Svensson, A. Markandya (eds.) *Handbook on the Economics and Management for Sustainable Oceans*. United Nations Environmental Programme and Edward Elgar Publishing House, United Kingdom.

#### Books:

- **Delpiazzo E.** (2012). *The Mozambican participation in SADC. A liberalization process through different models and different closures*. Lambert Academic Publishing: Saarbrücken.

#### Others (project deliverables and reports):

- **Delpiazzo, E.**, Cerisola E., Cardullo, G. and M. Baldini. (2013). *Valutazione della situazione economica per l'accesso ai servizi e la partecipazione alla spesa degli utenti in Liguria (An assesment of households in Liguria and means tested public services)*. Regione Liguria.
- Bosello, F., **Delpiazzo, E.** and Eboli F. (2014). *A macro-economic (indirect) assessment of ocean acidification. Higher order costs for fishery and tourism*, MEDSEA project contribution to Deliverable D6
- Bosello, F., **Delpiazzo, E.** and Eboli F. (2014), *A set of adaptation tools and policy suggestions*, MEDSEA project Deliverable D6
- Bosello, F., **Delpiazzo, E.** and Eboli F. (2014), *ICES modelled social economic impact assessment for the future*, VECTORS project Deliverable D5.2
- Bosello F., **Delpiazzo E.**, and Parrado R. (2016). *Report: Policy recommendations, lessons learned, and guidance: The effects of combining mitigation and adaptation policies for coastal zone protection*. EconAdapt Deliverable D8.3
- Bosello F., **Delpiazzo E.**, and Parrado R. (2016). *Modelling Planned Adaptation for Coastal Zone Protection in a General Equilibrium Framework*. EconAdapt Deliverable D8.2.3
- Giordano R. (lead author) (2017). *Outling the Urban CS Playing Field- CS and Risk Management at Urban Level, the Institutional Structures, and the Options for Information Sharing*. EU-MACS Deliverable D4.1
- Cochard F., Photiadou C., Polo M. J., **Delpiazzo E.**, Larosa F., Alvarez-Castro C., Calliari E., and Marletto V. (editors) (2017). *Thematic guidance document for the implementation of the thematic work packages*. CLARA Deliverable D1.2

- Bosello F. **Delpiazzo E.**, Dasgupta S, Bagli S., and Costigliola G. (2017). *Methodology for the evaluation of CLARA-enabled climate services*. CLARA Deliverable D4.1
- **Delpiazzo E.** and Bosello F. (2020). *In-dept Assessment of the Economic Value of CLARA Services for the End- Users*. CLARA Deliverable D4.2

#### Projects

- **MedSea**- European Mediterranean Sea Acidification in a changing climate project (EU- FP7).
- **Vectors**- Vectors of Change in Oceans and Seas Marine Life, Impact on Economic Sectors (EU- FP7).
- **GEMINA**- project funded by the Italian Ministries for the Research and for the Environment, Land and Sea.
- **EconAdapt**- The economics of climate change adaptation (EU- FP7).
- **BASE**- Bottom-up Climate Adaptation Strategies towards a Sustainable Europe (EU- FP7).
- **EU-MACS**- European MARKET for Climate Services (H2020).
- **MATTM/CGE**- project funded by the Italian Ministry for the Environment, Land and Sea.
- **PNACC**- Piano Nazionale di Adattamento ai Cambiamenti Climatici (Italian Ministry for the Environment, Land and Sea).
- **CLARA**- Climate forecast enabled knowledge services (H2020).
- **COP21 RIPPLES**- Results and Implications for Pathways and Policies for Low Emissions European Societies (H2020).
- **EUCP**- European Climate Prediction system (H2020).
- **COACCH**- CO-designing the Assessment of Climate CHange costs (H2020).
- **PARIS REINFORCE**- Delivering on the Paris Agreement: A demand-driven, integrated assessment modelling approach (H2020).
- **CASCADES**- CAScading Climate risks: towards ADaptive and resilient European Societies (H2020).
- **FUTUREMARES**- Climate Change and Future Marine Ecosystem Services and Biodiversity (H2020).
- **ATLANTECO**- Atlantic Ecosystem Assessment, Forecasting, & Sustainability (H2020).
- **ACQUAONUT**- Adapting to Climate change by QUantifying optimal Allocation of resOURces and socio-ecoNomic inTerlinkages (H2020).

#### International Conferences

- Annual Green Growth Knowledge Platform (2015)
- European Climate Change Adaptation Conference (2015; 2019)
- Annual International Conference on Sustainable Development (2015; 2017)
- GTAP Conference (2016)
- SISC Annual conference (2015; 2016; 2018; 2019)
- Annual EAERE Conference (2016)
- Ecomod Conference (2017)
- Annual IAERE Conference (2017; 2020)
- European Geosciences Union General Assembly (2020; 2021)
- European Metereological Society Annual meeting (2021)

#### Seminars and webinars

- Valuing Climate Services in a Co- Generation Framework. Evidence from the CLARA Project. CMCC/ CLARA/ Climateurope Webinar, 23 July 2018.
- Assessing economically coastal zone protection in a general equilibrium framework, CMCC-FEEM seminar, 17 November 2016, Fondazione ENI Enrico Mattei, Island of San Giorgio

Maggiore, Venice, Italy.

- Budgetary Effects of Adaptation in EU Mediterranean Countries: A CGE Framework Applied to Sea Level Rise, CMCC- FEEM seminar, 9 April 2015, Fondazione ENI Enrico Mattei, Island of San Giorgio Maggiore, Venice, Italy.
- Issues on CGE modelling: Complementarity and Closures, DISES Department seminar, 27 October 2010, Catholic University (Piacenza site), Italy.
- A SAM for Mozambique and a standard IFPRI CGE model. Doctoral Seminar Day 12 September 2010, Catholic University (Piacenza site), Italy.
- A Bastard Keynesian model for Mozambican engagement in SADC. Doctoral Seminar Day, 22 September 2009, Catholic University (Piacenza site), Italy.

#### Reviewer Activity

- Environmental Modelling & Assessment.
- International Journal of Disaster Risk Reduction.
- Climate Services.
- Climate Risk Management.
- Climatic Change.

#### Honours and awards

- 2004: awarded scholarship for top 40 University students, University of Genova.
- 2004: awarded scholarship, University of Pavia.
- 2005: awarded scholarship, University of Pavia.
- 2006: awarded PhD scholarship, Catholic University of Milan.

#### Membership and affiliation

- RFF- CMCC EIEE- European Institute on Economics and the Environment (2018- onwards).
- CMCC- Fondazione Centro euro-mediterraneo per il cambiamento climatico (2013-onwards).
- FEEM- Fondazione ENI Enrico Mattei (2013-2017).
- SISC – Italian Society for Climate Sciences (2015-2016; 2018-2019).
- EAERE- European Association of Environmental and Resource Economists (2016-2017; 2021).
- IAERE- Italian Association of Environmental and Resource Economists (2017; 2020).
- Copernicus (2020- onwards).
- EMS- European Meteorological Society (2021).

Venice, 18/01/2021