

# Fabio Farinosi, PhD

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Nationality : Italian

Language Fluency in: English, Italian, Portugese

## WATER MANAGEMENT AND CLIMATE SPECIALIST - ENVIRONMENTAL ECONOMIST

### COMPETENCIES

Environmental economist specialized in water management, disaster risk reduction, natural resource management, climate change adaptation and mitigation strategies, with over 8 years of experience in research projects on natural hazards impact assessment, integrated water resource management, risk analysis, policy assessment and implementation, with the ability to integrate analytical work to formulate policy advise.

### EXPERIENCE

**POST DOCTORAL RESEARCHER**, Harvard University – Boston, UNITED STATES

Kennedy School of Government's Mossavar-Rahmani Center for Business and Government

September 2015-Present

*Responsibility:* Engaging with national water institutions to provide analysis work between the synergies in land use planning, infrastructure investment and conservation in Brazil

*Project Contribution:*

- Sustainable Development in Amazonia: Land use and the Hydrologic Cycle

**GIORGIO RUFFOLO DOCTORAL RESEARCH FELLOW**, Harvard University – Boston, UNITED STATES

Kennedy School of Government's Mossavar-Rahmani Center for Business and Government

September 2013-August 2015

*Responsibility:* Contribute in the design and execution of technical and analytical work on sustainable science initiative to evaluate institutional policies, strategies and regulations

*Project Contribution:*

- Future climate and land use change impacts on river flows in the Tapajos Basin in the Brazilian Amazon
- Agricultural adaptation to climate change: evidence from the Upper Tapajos River Basin

**JUNIOR POLICY ANALYST**, FEEM Fondazione Eni Enrico Mattei – Venice, ITALY

September 2011- August 2013

*Responsibility:* Environmental economics and governance analysis on natural hazards and disaster risk reduction to generate publications and case studies on lessons learned and policy recommendations

*Project Contribution:*

- EU FP7 project EPI-WATER (Evaluating Economic Policy Instruments for Sustainable Water Management in Europe);
- DG Humanitarian Aid and Civil Protection funded project PREEMPT (Policy-relevant assessment of socio-economic effects of droughts and floods);
- DG Environment funded project Water Scarcity and Drought Gap Analysis (WS&D);
- ERA-net project WATER2ADAPT (Resilience enhancement and water demand management for climate change adaptation, 2010-2012)

**AFFILIATED RESEARCHER**, Euro-Mediterranean Centre for Climate Change CMCC – Venice, ITALY

August 2011-date

*Responsibility:* Conduct numerical simulations and production of climate scenarios; impact studies and adaptation and mitigation policies related to extreme climate events

*Project Contribution:*

- European Environmental Agency (EEA) European Topic Centre on Climate Change impacts, vulnerability and adaptation (ETC-CCA).
- EC DG Environment funded study 'Climate Adaptation – modelling water scenarios and sectoral impacts' (ClimWatAdapt). Tender DG ENV.D.2/SER/2009/0034.

**RESEARCH ASSISTANT**, UNEP Regional Resource Centre for Asia and the Pacific – Bangkok, THAILAND

September 2010 – February 2011

*Responsibility:* Research on the Community-Based Adaptation to Climate Change in Thailand; Assistance on the production of reports, compilation of project proposals

**ECONOMIC POLICY CONSULTANT**, Maior S.r.l. for Infocamere S.C.p.a., Sicily, Calabria and Piedmont, ITALY

September 2007 – August 2009

*Responsibility:* In charge of developing, managing and delivering economic consultations for top management of Italian Chambers of Commerce in Sicily, Calabria and Piedmont including investments evaluation, financial reporting, tracking progress and managing customer relationships

## **EDUCATION**

**PhD Science and Management of Climate Change**, “Ca’ Foscari” University – Venice, 2016

*Dissertation:* Impacts of Global Environmental Changes on Water: Challenges for Sustainable Development

**MSc Environmental Economics**, “Ca’ Foscari” University – Venice, 2011

*Thesis:* Climate Change and Development Community Based Reactions; The case of Agri-Nature Foundation and Sufficiency Economy in Thailand

**BSc Business Administration**, “Ca’ Foscari” University – Venice, 2010

*Final year Project:* Economic and Industrial Analysis of Photovoltaic Sector

## **TRAININGS**

**Globalization Programme**, Venice International University – Venice, 2010

Studied Ethical Problems in Globalization, Environment and Sustainable Development; International Management and Human Rights.

**LLP/Erasmus** Universidade Nova – Economics Faculty – Lisbon 2009-2010

Portuguese language

## **AWARDS AND RECOGNITIONS**

**Giorgio Ruffolo Post-Doctoral Research Fellowship in Sustainable Science**

Harvard University in Boston (United States) September 2015 – June 2016

**Giorgio Ruffolo Doctoral Research Fellowship in Sustainable Science**

Harvard University in Boston (United States) September 2013 – August 2015

**World Congress on Risk and Development in a Changing World** Travel Stipend Recipient

Society for Risk Analysis (SRA) in Sydney (Australia) 18-20 July 2012

## **PUBLICATIONS**

Mysiak J., Farinosi F., Carrera L., Testella F., Breil M., Massarutto A., (2015a). Green Energy Certificates and Compliance Market. In M. Lago et al., eds. *Use of Economic Instruments in Water Policy*. Springer International Publishing, pp. 171–184. Available at: [http://link.springer.com/10.1007/978-3-319-18287-2\\_12](http://link.springer.com/10.1007/978-3-319-18287-2_12).

Mysiak J., Farinosi F., Carrera L., Testella F., Breil M., Massarutto A., (2015b). Residential Water Pricing in Italy. In M. Lago et al., eds. *Use of Economic Instruments in Water Policy*. Springer International Publishing, pp. 105–119. Available at: [http://link.springer.com/10.1007/978-3-319-18287-2\\_8](http://link.springer.com/10.1007/978-3-319-18287-2_8).

Carrera L., Farinosi F., Maziotis A., (2012), Risk assessment to extreme hydrometeorological events: evidence from the Po River Basin, Italy. in Mohamed Hamza, Cosmin Corendea , *SOURCE 17/2012*, Bonn, United Nations University Institute for Environment and Human Security (UNU-EHS)

Farinosi F., Carrera L., Mysiak J., Breil M., Testella F., (2012), Tradable certificates for renewable energy: The Italian experience with hydropower. in IEEE, 9th International Conference on European Energy Market (EEM12) Conference Proceedings, Florence, Copyright ©2012 by IEEE

## **WORKING PAPERS**

Farinosi F., Carrera L., Maziotis A., Mysiak J., Eboli F, Standardi G. , (2012), Policy-relevant Assessment Method of Socio-economic Impacts of Floods: an Italian case study, Note Di Lavoro -FEEM, 2012.087

## **PROJECTS' REPORTS**

Maziotis A., Farinosi F., Carrera L., Mysiak J., (2012), Essay on robust institutional design for water markets and essay on water pricing for irrigation, Report of the project EPI-WATER

Farinosi F., Carrera L., Maziotis A., Calliari E., Cappuccini E., Mysiak J., De Salvo M., (2012), Vulnerability and resilience report. Assessment of preventive measures. Deliverable E1 of the project PREEMPT

Carrera L., Maziotis A., Farinosi F., Mysiak J., (2012), Potential of WDM to boost adaptive capacity to climate change – policy recommendations. Deliverable D4.2 of the project Water2Adapt

Maziotis A., Farinosi F., Carrera L., Mysiak J., (2012), Policy Relevance of the EPIs from a European perspective, Project EPI-WATER

Carrera L., Farinosi F., Maziotis A., Mysiak J., (2012), Developing the common frame (SCENES) based scenarios, Project EPI-WATER

Farinosi F., Carrera L., Maziotis A., Calliari E., Cappuccini E., Mysiak J., De Salvo M., (2012), Vulnerability and resilience report. Analysis of drivers amplifying/attenuating the effects of disasters. Deliverable D.2 of the project PREEMPT

Carrera L., Cappuccini E., Maziotis A., De Salvo M., Calliari E., Farinosi F., Mysiak J., (2012), Socio-economic resilience in practice: Recommendations for the Po river basin. In Galarraga I (ed) *Recommendations for a practical implementation of the resilience concept*. Deliverable D2.3-3.3 of the project Water2Adapt

Carrera L., Cappuccini E., Farinosi F., Maziotis A., Calliari E., Mysiak J., (2012). In Mysiak J (ed) Water demand management in the case studies: performance assessment and lessons learned. Deliverable 4.1 of the project Water2Adapt