



IAERE

Italian Association of Environmental
and Resource Economists

IAERE Second Annual Conference
Milan, 13th-14th February 2014

IAERE Second Annual Conference Programme

FEBRUARY 13th 2014

09:00 – 11:00 **IAERE COUNCIL MEETING**

13:30 - 14:30 **REGISTRATION - Palazzo Greppi**

14:30 - 14:45 **OPENING CEREMONY – Sala Napoleonica (palazzo Greppi)**

15:00 - 17:00 **PARALLEL SESSIONS 1**

15:00 - 17:00 **Green Innovation and transitions - ROOM 102**
Chair: Riccardo Leoncini, University of Bologna

The Greener the Better: Job Creation and Environmentally-Friendly Technological Change

Caterina Miriello: IEFE - Università Bocconi

Co-Author(s): Luisa Gagliardi, Giovanni Marin

SMEs and Barriers to Eco-Innovation: A Proposed Taxonomy

Alberto Marzucchi: Catholic University of Milan

Co-Author(s): Giovanni Marin, Roberto Zoboli

The dark side of ecoinnovation. The role of invention and diffusion in the energy efficiency technologies

Alessandro Palma: Roma Tre University

Co-Author(s): Valeria Costantini, Giovanni Marin

Environmental innovations and firm's boundaries: evidence from two ecological industries in North-East Italy

Riccardo Leoncini: University of Bologna

Co-Author(s): Sandro Montresor, Francesco Rentocchini



15:00 - 17:00

Environmental and climate change impact assessment – ROOM 104

Chair: Simone Borghesi, University of Siena

The effect of climate shock on labor income: evidence from US counties

Giuseppe Maggio: LUISS Guido Carli University

Assessing Vulnerability to Landslides in Italy

Caterina De Lucia: University of Foggia

Co-Author(s): Claudia Ceppi, Dino Borri

Migration and climate change in rural Africa

Emanuele Massetti: Fondazione Eni Enrico Mattei - FEEM

Co-Author(s): Cristina Cattaneo

FDI, environmental externalities and capital segmentation in a poor rural economy

Simone Borghesi: University of Siena

Co-Author(s): Angelo Antoci, Paolo Russua, Elisa Ticci

15:00 - 17:00

Instruments and effects of environmental policies – ROOM 109

Chair: Alessio D'Amato, University of Rome Tor Vergata

The Carbon Bubble Climate Targets in a Fire-Sale Model of Deleveraging

Alessandro Spiganti: University of Edinburgh

Co-Author(s): David Comerford

A quantitative assessment of the implications of including non-CO2 emissions in the European ETS

Carlo Orecchia: Fondazione Eni Enrico Mattei - FEEM, Euro-Mediterranean Center on Climate Change - CMCC

Co-Author(s): Ramiro Parrado

On Emissions Trading Taxation and Market Power

Alessio D'Amato: University of Rome, Tor Vergata

Co-Author(s): Edilio Valentini, Mariangela Zoli

15:00 - 17:00

Ecosystems and biodiversity – ROOM 111

Chair: Caterina Gennaioli, London School of Economics

How valuable are ecosystem services provided by Alpine landscapes?

Paola Sabina Lupo Stanghellini: The European Academy of Bozen/Bolzano (EURAC)

Co-Author(s): B. Zoderer, E. Tasser, U. Tappeiner



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Biodiversity and Child health: evidence from Tanzania

Marcella Veronesi: University of Verona and ETH Zurich

Co-Author(s): Stefania Lovo, and Jonas Hilty

Accounting for ecosystem services. The case of Water Purification in the EU-27

Alessandra La Notte: University of Torino

Co-Author(s): Silvana Dalmazzone

Ethnic Diversity and Deforestation: Evidence from Indonesia

Caterina Gennaioli: London School of Economics

Co-Author(s): Stefania Lovo

17:00 – 17:30

COFFEE BREAK (Palazzo Greppi)

17:30 - 18:30

PLENARY SESSION: “Do Car Markets Reward Fuel Efficiency? Evidence from the Swiss and Other Car Markets ” – Sala Napoleonica (Palazzo Greppi)

Prof. Anna Alberini, University of Maryland

Chair: Marzio Galeotti, University of Milan

18:30 - 19:30

IAERE GENERAL ASSEMBLY OF MEMBERS

20:30 - 22:30

CONFERENCE DINNER

FEBRUARY 14th 2014

9:00 - 11:00

PARALLEL SESSIONS 2

9:00 - 11:00

Green Innovation and transitions – ROOM 102

Chair: Giovanni Marin, CERIS-CNR

Is green knowledge improving environmental performances? Sectoral Evidence from Italian Regions

Claudia Ghisetti: University of Bologna

Co-Author(s): Francesco Quatraro

The effects of environmental regulation and technological position: a patent data analysis on environmental automotive patenting activity.

Nicolò Barbieri: University of Bologna

Are Regional systems greening the economy? The role of environmental innovations and agglomeration forces

Davide Antonioli: University of Ferrara

Co-Author(s): Simone Borghesi, Massimiliano Mazzanti

The ‘emission disease’ in services

Giovanni Marin: CERIS-CNR

Co-Author(s): Roberto Zoboli

9:00 - 11:00

Environmental and climate change impact assessment – ROOM 104

Chair: Enrica De Cian, Fondazione Eni Enrico Mattei - FEEM

Assessing the economic general equilibrium effects of Sea Level Rise in the Italian Regions

Gabriele Standardi: Fondazione Eni Enrico Mattei - FEEM and Euro-Mediterranean Center on Climate Change (CMCC)

Co-Author(s): Fabio Eboli

A Ricardian Analysis of the Impact of Climate Change on Italian Agriculture

Martina Bozzola: Graduate Institute (IHEID) and Centre for International Environmental Studies (CIES) Geneva

Co-Author(s): Fabian Capitanio; Emanuele Massetti, Robert Mendelsohn

Assessing economic impacts of a flood event using spatial and computable general equilibrium modelling



Lorenzo Carrera: Fondazione Eni Enrico Mattei - FEEM, Euro-Mediterranean Center on
Climate Change - CMCC

Co-Author(s): G. Standardi, F. Bosello, F. Farinosi, J. Mysiak, F. Eboli

**Future vulnerability of sectoral electricity demand to temperature and
humidity changes. A global analysis.**

Enrica De Cian: Fondazione Eni Enrico Mattei - FEEM

Co-Author(s): Ian Sue Wing

9:00 - 11:00

Instruments and effects of environmental policies – ROOM 109

Chair: Giacomo Marangoni, Fondazione Eni Enrico Mattei - FEEM, Euro-Mediterranean Center on
Climate Change – CMCC and Politecnico di Milano

**Green Tariffs and Household Electricity Consumption: an Agent-Based
Simulation**

Vito Frontuto: University of Torino

Co-Author(s): Silvana Dalmazzone

Taxing Carbon under Market Incompleteness

Marco Maffezzoli: Bocconi University

Co-Author(s): Valentina Bosetti

**Limiti dell'efficacia del sistema di responsabilità ambientale europeo: i risultati
di un'indagine**

Tiziana Cianflone: Institute for Environmental Protection and Research (ISPRA)

**The Optimal Energy Mix in Power Generation and the Contribution from
Natural Gas in Reducing Carbon Emissions to 2030 and Beyond**

Giacomo Marangoni: Fondazione Eni Enrico Mattei - FEEM, Euro-Mediterranean Center
on Climate Change – CMCC and Politecnico di Milano Co-Author(s): Carlo Carraro,
Massimo Tavoni, Thomas Longden

9:00 - 11:00

Risk and Uncertainty – ROOM 111

Chair: Edilio Valentini, University G. D'Annunzio of Chieti-Pescara

**Regional disaggregation and uncertainty: Disentangling preferences and and
risk sharing**

Johannes Emmerling: Fondazione Eni Enrico Mattei - FEEM

Collective risk management: prevention and risk sharing

Maddalena Ferranna : Toulouse School of Economics

Robust selection of climate policies under current knowledge of uncertainties

Laurent Drouet: Fondazione Eni Enrico Mattei - FEEM, Euro-Mediterranean Center on Climate Change - CMCC

Co-Author(s): Valentina Bosetti, Massimo Tavoni

Optimal Climate Policy for a Pessimistic Social Planner

Edilio Valentini: Italian National Institute of Statistics (ISTAT)

Co-Author(s): Paolo Vitale

9:00 - 11:00

Energy markets and accounting – Sala Napoleonica, Palazzo Greppi

Chair: Federico Pulselli, University of Siena

Oil Market and Long-term Scenarios: a Nash-Cournot Approach

Fabio Sferra: Fondazione Eni Enrico Mattei - FEEM

Rockets and Feathers: A Forecasting Assessment

Andrea Bastianin: University of Milan and Fondazione Eni Enrico Mattei - FEEM

Co-Author(s): Marzio Galeotti, Matteo Manera

Including the effects of trade in national GHG balances: an alternative computation method

F. M. Pulselli: University of Siena

Co-Author(s): Simone Borghesi, Dario Caro

11:00 - 11:40

COFFEE BREAK - Palazzo Greppi

11:45 - 12:45

PLENARY SESSION: “Climate change mitigation as catastrophic risk management” – Sala Napoleonica, Palazzo Greppi

Prof. Simon Dietz: The London School of Economics and Political Science

Chair: Francesco Bosello, University of Milan, Fondazione Eni Enrico Mattei - FEEM and Euro-Mediterranean Center on Climate Change - CMCC

12:45 - 13:00

CLOSING CEREMONY

13:00 – 14:30

LUNCH – Palazzo Greppi



14:30 - 16:30

PARALLEL SESSIONS 3

14:30 - 16:30

Green Innovation and transitions – ROOM 102

Chair: Valentino Marini Govigli, University Of Ioannina

Innovation benefits from nuclear phase-out: Can they compensate the costs?

Samuel Carrara: Fondazione Eni Enrico Mattei - FEEM

Co-Author(s): Enrica De Cian, Massimo Tavoni

What drives Italian electricity price? The role of renewables

Clò Stefano: University of Milan

Co-Author(s): Cataldi Alessandra, Zoppoli Pietro

2E-MeMo-It: an Energy-Environment-Macro Model for the Italian economy

Fabio Bacchini: Italian National Institute of Statistics (ISTAT)

Co-Author(s): Cecilia Jona-Lasinio, Roberto Golinelli

The economics of green economy transition at a city-scale: can low carbon and energy efficient development approaches be extended to urban resources efficiency?

Valentino Marini Govigli: University Of Ioannina

Co-Author(s): Corrado Topi

14:30 - 16:30

Sustainability and growth – ROOM 104

Chair: Ignazio Musu, Ca' Foscari University of Venice

The structural shift to green services: A two-sector growth model with public capital and open-access resources

Emanuele Campiglio: London School of Economics and Political Science

The natural resource curse: empirical analysis from Basilicata case

Alice Giorgio: Fondazione Eni Enrico Mattei - FEEM

Productivity growth with natural capital and bad outputs

Vera Zipperer, Organisation for Economic Co-operation and Development (OECD)

Economic Analysis, Sustainability and Environmental Commons

Ignazio Musu, Ca' Foscari University of Venice



14:30 - 16:30

Instruments and effects of environmental policies – ROOM 109

Chair: Stefano F. Verde, European University Institute, Climate Policy Research Unit

An Agent Based Model to simulate an inter-basin water market in the Segura and Tagus interconnected River Basins in Spain

Carlos Dionisio Pérez-Blanco: Fondazione Eni Enrico Mattei - FEEM and Euro-Mediterranean Center on Climate Change (CMCC)

Co-Author(s): Christophe Viavattene

Environmental Efficiency in Waste Management: an Empirical Analysis of Italian Municipalities

Matteo Ferraris: University of Milan

Co-Author(s): Alessandro Manello

How Effective Are Energy-Efficiency Incentive Programs? Evidence from Italian Homeowners

Andrea Bigano: Fondazione Eni Enrico Mattei - FEEM

Co-Author(s): Anna Alberini, Alex Egorenkov

Replacing Italy's RES-E surcharge with a carbon tax: A macroeconometric analysis

Stefano Verde: European University Institute, Climate Policy Research Unit

Co-Author(s): Maria Grazia Pazienza

14:30 - 16:30

Behaviour - 2 – ROOM 111

Chair: Mariangela Zoli, University of Rome Tor Vergata

Waste sustainability and crime in decentralized environments. Illegal disposal, territorial enforcement and local policy

Massimiliano Mazzanti: University of Ferrara

Co-Author(s): Alessio D'Amato, Francesco Nicolli, Mariangela Zoli

Projection Bias in household investment? The case of solar photovoltaic in Germany

Stefan Lamp: European University Institute

Local environmental preferences and waste management and disposal in Italy

Anna Montini: University of Bologna

Co-Author(s): Massimiliano Mazzanti

I Wish I Did Not Know: Can Personal Values and Environmental Knowledge Explain Waste Related Intentions and Behaviors?

Mariangela Zoli: University of Rome Tor Vergata

Co-Author(s): Alessio D'Amato, Susanna Mancinelli



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