



Research Division on
Climate Impacts and Policies



Research Programme on
Climate Change and Sustainable
Development

Climate Change and Sustainable Development Economics

First Convention of *CMCC and FEEM Research Divisions on Climate Change and Sustainable Development*

October, 22nd-24th, 2012

Island of San Giorgio Maggiore, Venice, Italy

First Day – October 22nd, 2012

11:30 – 11:40 **Welcome Address**
Carlo CARRARO

KEYNOTE ADDRESSES

11:40 – 12:20 **Aart DE ZEEUW, Tilburg University**
Asymmetries in international environmental agreements

12:20 – 13:00 **Michael HOEL, University of Oslo**
Supply side climate policy and the green paradox

13:00 – 14:00 *Lunch*

14:00 – 17:10 **SESSION 1: Climate Change Modeling and Policy (Impacts and Adaptation)**
Chair: Francesco BOSELLO

14:00 – 14:30 **The cost of climate change inaction in the EU. A CGE approach**
Francesco Bosello, Fabio Eboli, and Roberta PIERFEDERICI

14:30 – 14:40 Discussant: Enrica DE CIAN

14:40 – 15:10 **Dropping climate policy: does it really increase wellbeing?
A CGE perspective on sustainable development**
Lorenza Campagnolo, Carlo Carraro, Marinella Davide, Fabio EBOLI,
Elisa Lanzi, and Ramiro Parrado

15:10 – 15:20 Discussant: Carlo ORECCHIA

15:20 – 15:50 **An indicator-based assessment of vulnerability to climate change in
Italian coastal cities**

Margaretha BREIL, Katie Johnson, and Edoardo Bucchignani

15:50 – 16:00 Discussant: Fabio EBOLI

16:00 – 16:30 **Climate change and adaptation: the case of Nigerian agriculture**
Francesco Bosello, Lorenza CAMPAGNOLO, and Fabio Eboli

16:30 – 16:40 Discussant: Laura BONZANIGO

16:40 – 17.10 Open discussion on future directions of research

17:10 – late **Treasure Hunt in Venice + Dinner**

Second Day – October 23rd, 2012

KEYNOTE ADDRESS

09:00 – 09:40 **Reyer GERLAGH, Tilburg University**
Carbon prices for the next thousand years

09:40 – 13:20 **SESSION 2: Climate Change Modeling and Policy (Mitigation)**
Chair: Massimo TAVONI

09:40 – 10:10 **Geoengineering and uncertainty**
Johannes EMMERLING

10:10 – 10:20 Discussant: Francesco BOSELLO

10:20 – 10:50 **Do technology externalities justify restrictions on emission permit trading**

Enrica DE CIAN, and Massimo Tavoni

10:50 – 11:00 Discussant: Ramiro PARRADO

11:00 – 11:30 *Coffee break*

11:30 – 12:00 **Endogenous participation to a partial climate agreement with open entry: a numerical assessment**

Fabio SFERRA, and Massimo Tavoni

12:00 – 12:10 Discussant: Elena RICCI

12:10 – 12:40 **Improving land-use modelling within CGE to assess the potential and costs of forest-based mitigation in Europe**

Melania MICHETTI, and Ramiro Parrado

12:40 – 12:50 Discussant: Samuel CARRARA

12:50 – 13:20 Open discussion on future directions of research

13:20 – 14:50 *Lunch*

KEYNOTE ADDRESS

14:50 – 15:30 **Lincoln PRATSON, Duke University**
Impact of low natural gas prices, EPA regulations & other factors on U.S. coal demand for electricity

15:30 – 18:00 **SESSION 3: Natural hazards and extreme climate-related events**

Chair: Jaroslav MYSIAK

15:30 – 16:00 **Policy-relevant assessment of socio-economic impacts of floods**
Fabio FARINOSI, Lorenzo Carrera, Alexandros Maziotis, Jaroslav Mysiak, Fabio Eboli, and Gabriele Standardi

16:00 – 16:10 Discussant: Margaretha BREIL

16:10 – 16:40 **A bio-economic modeling of climate change variability on coral reef & fisheries**

Sabah ABDULLAH, and Anders Skonhoft

16:40 – 16:50 Discussant: Anna ALBERINI

16:50 – 17:20 *Coffee break*

17:20 – 17:50 **A sub-national version of the ICES model for the Italian macro-regions**
Gabriele STANDARDI, Francesco Bosello, and Fabio Eboli

17:50 – 18:00 Discussant: Lorenzo CARRERA

19:30 – late **Dinner on the island**

Third Day – October 24th, 2012

KEYNOTE ADDRESS

09:00 – 09:40 **Anna ALBERINI, University of Maryland**
Energy efficiency incentives: do they work? Evidence from Maryland homeowners

09:40 – 12:40 **SESSION 4: Empirical Assessment**
Chair: Valentina BOSETTI

09:40 – 10:10 **Migration, cultural diversity and innovation: a European perspective**
Valentina Bosetti, Cristina CATTANEO, and Elena Verdolini

10:10 – 10:20 Discussant: Roberta DISTANTE

10:20 – 10:50 **Heterogeneous firms trading in ideas: an application to energy technologies**

Valentina Bosetti, and Elena VERDOLINI

10:50 – 11:00 Discussant: Andrea BIGANO

11:00 – 11:30 *Coffee break*

11:30 – 12:00 **Free-riding opportunities: energy efficiency incentives and Italian homeowners**

Anna Alberini, Andrea BIGANO, and Marco Boeri

12:00 – 12:10 Discussant: Elena VERDOLINI

12:10 – 12:40 **Deviations in kilometres travelled: the impact of different mobility futures on energy use and climate policy**

Thomas LONGDEN

12:40 – 12:50 Discussant: Michela CATENACCI

12:50 – 13:20 Open discussion on future directions of research

13:20 – 13:30 **Annual Award for the Best Presentation at the Convention**

Committee: Anna ALBERINI, Carlo CARRARO (chair), Reyer GERLAGH, Lincoln PRATSON, Massimo TAVONI

Research Paper Award

Final remarks

13:30 – 14:30 *Lunch*

End of the Convention