

# Full Programme



# IAERE

Italian Association of Environmental  
and Resource Economists

## Eleventh IAERE Annual Conference

23<sup>rd</sup>-24<sup>th</sup> February 2023, Naples

### Organised by



**IAERE**

Italian Association of Environmental  
and Resource Economists

**DISEG**

Dipartimento  
di Studi Economici  
e Giuridici



UNIVERSITÀ  
DEGLI STUDI  
DI NAPOLI  
PARTHENOPE



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**EAERE**

European Association  
of Environmental and  
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Chair

**DM MUR 727/2021**

UNESCO Chair on  
Environment, Resources and Sustainable Development

Last update: 22/02/2023

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## IAERE2023 Telegram Channel



A IAERE2023 private channel has been created on Telegram to allow the participants to receive during the conference notification in real time.

Join it at: <https://bit.ly/2FLhDyX>

## Programme Overview

Wednesday 22 February

10-12.30 Pre conference event

Gli effetti del cambiamento climatico sull'economia Italiana, Fondazione Banco di Napoli, Via dei Tribunali 213, Napoli

Thursday 23 February

8.00-9.00 Registrations

9.00-09.30 Opening Ceremony

9.30-10.30 Keynote lecture

Prof. Elizabeth J Z Robinson, Grantham Research Institute on Climate Change and the Environment, LSE (UK)

10.30-11.00 Coffee break

11.00-13.00 Parallel Session 1

13.00-14.30 Lunch

13.30-14.30 Poster Session 1

14.30-15.30 IAERE General Assembly of Members

15.30-17.30 Parallel Session 2

18.00-20.00 Social Event

20.00-22.30 Social Dinner

Friday 24 February

8.00-9.00 Registrations

9.00-11.00 Parallel Session 3

11.00-11.30 Coffee break

11.30-12.30 Keynote Lecture Prof. Anastasios Xepapadeas, Athens University of Economics and Business (Greece) and University of Bologna (Italy)

12.30-14.00 Lunch

13.30-14.30 Poster Session 2

14.30-15.30 Round Table Environmental risks and resilience in the Mediterranean area: challenges and policy recipes

15.30-16.00 Award and Closing Ceremony

**Parallel sessions will be held on the first and ground floor of the right wing (SCALA C) of Pacanowski building.**

**Rooms T1 and T2: ground floor. Rooms 1.1-1.8 first floor.**

**Poster session, lunch and coffee break February 23<sup>rd</sup>: study room level C (level -3).**

**Poster session, lunch and coffee break February 24<sup>th</sup>: study room level A (level -1).**

## Full Programme

### February 23<sup>rd</sup>, 2023

8:00 – 9:00	<b>REGISTRATIONS</b>	First floor
9:00 – 9:30	<b>OPENING CEREMONY</b>	Room 1.2
9:30 – 10:30	<b>IAERE KEYNOTE LECTURE</b> <i>Food security in a climate insecure world</i> <b>Prof. Elizabeth J Z Robinson</b> , Grantham Research Institute on Climate Change and the Environment, LSE (UK)	Room 1.2
10:30 – 11:00	<b>COFFEE BREAK</b>	Study room level C
11:00 – 13:00	<b>IAERE PARALLEL SESSION 1</b>	
11:00 – 13:00	<b>Climate (I)</b> Chair: Shouro DASGUPTA (Fondazione CMCC and Grantham Research Institute, LSE)	Room T.2
	<b>Multi-criteria analysis and data driven assessments of sea level rise risk on a global scale</b> Marco BIDOIA (Fondazione Eni Enrico Mattei (FEEM)) Co-authors: Michele Zen, Carlo Giupponi	

**Local sources of vulnerability to climate change and armed conflicts in East Africa**

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Federica CAPPELLI (University of Ferrara)

Co-authors: Valeria Costantini, Mariagrazia D'Angeli, Giovanni Marin, Elena Paglialonga

**Re-estimating climate change impacts on energy demand and economic growth: short- vs long-term effects in macro panels**

Francesco COLELLI (Ca' Foscari; CMCC)

Co-authors: Ian Sue Wing

**Global Climate Governance in the Light of Geoengineering: A Shot in the Dark?**

Francesco FURINI (University of Hamburg)

Co-authors: Michael Finus

**Climate change, crop yields, and child health in lower-income countries**

Shouro DASGUPTA (Fondazione CMCC and Grantham Research Institute, LSE)

Co-authors: Elizabeth JZ Robinson

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**DISTRIBUTION**

11:00 – 13:00 Chair: Esther SHEARS (University of Bologna ALMA MATER)

Room T1

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**Inequality and the adoption of climate mitigation policies**

Margherita BELLANCA (Ca' Foscari University of Venice)

Co-authors: Marinella Davide, Enrica De Cian

**The EU Fit-for-55 climate action: a distributive analysis for Italy**

Benedetta MINA (University of Rome Tor Vergata)

Co-authors: Valeria Costantini, Chiara Martini, Mariangela Zoli

**Inequality and Climate Change: Two Problems, One Solution?**

Francesco NICOLLI (University of Ferrara)

Co-authors: Marianna Gilli; Francesco Vona

**Inequality in exposure to air pollution in France: Bringing pollutant cocktails into the picture**

Camille SALESSE (University of Montpellier)

**Designing just climate policies accounting for international production networks**

Esther SHEARS (University of Bologna ALMA MATER)

Co-authors: Emanuele Campiglio

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11:00 – 13:00 **ENERGY AND ENERGY MARKETS (I)** Room 1.1  
Chair: Carlo Andrea BOLLINO (University Perugia)

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**Energy shocks in the Euro area: disentangling the pass-through from oil and gas prices to inflation**

Chiara CASOLI (Fondazione Eni Enrico Mattei)  
Co-authors: Matteo Manera, Daniele Valenti

**Renewable energy communities, digitalization and information**

Marta CASTELLINI (University of Padova / Fondazione Eni Enrico Mattei)  
Co-authors: Dirk Bergemann, Marina Bertolini, Michele Moretto and Sergio Vergalli

**The Effects of Carbon Taxation on Electricity Price Dynamics Empirical Evidence from the Australian Market**

Nicola COMINCIOLI (University of Brescia and Fondazione Eni Enrico Mattei)  
Co-authors: Mattia Guerini, Sergio Vergalli

**Assessing the effects of COVID-19 on fuel consumption and CO2 emissions in Italy at industry level**

Paolo MARANZANO (University of Milano-Bicocca & Fondazione Eni Enrico Mattei)  
Co-authors: Francesco Galimberti

**Ukrainian crisis and market power in the Italian electricity market**

Carlo Andrea BOLLINO (University Perugia)  
Co-authors: Maria Chiara D'Errico

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11:00 – 13:00 **INNOVATION (I)** Room 1.2  
Chair: Alessio D'AMATO (University of Rome TOR VERGATA)

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**The Dynamic Impact of Climate-Induced Innovation: Empirical Insights into the Performance of European Firms**

Sabrina AUCI (University of Palermo)  
Co-authors: Nicolò Barbieri and Manuela Coromaldi

**The evolving boundary of green technologies**

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Nicolò BARBIERI (University of Ferrara)  
Co-authors: Kerstin Hötte and Peter Persoon

**Mapping the regional scientific knowledge base for the “twin” transition**

Claudia GHISSETTI (University of Milano-Bicocca)  
Co-authors: Stefano Bianchini, Giacomo Damioli

**Eco-innovation diffusion in retailers’ last-mile delivery: an ABM approach**

Ottavia VALENTINI (University of Insubria)  
Co-authors: Elena Maggi, Moreno Baruffini, Elena Vallino

**Green or greenwashing technologies? Theory and evidence**

Alessio D’AMATO (University of Rome TOR VERGATA)  
Co-authors: Giulio Cainelli, Massimiliano Mazzanti

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11:00 – 13:00 **Macroeconomics and the environment (I)** Room 1.5  
Chair: Emanuele CAMPIGLIO (University of Bologna)

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**Climate Policies, Macroprudential Regulation, and the Welfare Cost of Business Cycles**

Barbara ANNICCHIARICO (Università di Roma Tor Vergata)  
Co-authors: Marco Carli, Francesca Diluiso

**Weather Shocks and Monetary Policy in Sub-Saharan Africa: The Gambia Case**

Ebrima BAYO (University of Naples Parthenope)  
Co-authors: Francesco Busato, and Maria Ferrara

**Greta Thunberg Effect and Business Cycle Dynamics: A DSGE model**

Gianluigi CISCO (University of Naples Parthenope)  
Co-authors: Francesco Busato, Bruno Chiarini and Maria Ferrara

**Fiscal, Environmental, and Bank Regulation Policies in a Small Open Economy for the Green Transition**

Patrick GRÜNING (Bank of Latvia)

**Optimal climate policy as if the transition matters**

Emanuele CAMPIGLIO (University of Bologna)  
Co-authors: Simon Dietz; Frank Venmans

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11:00 – 13:00 **WATER** Room 1.4

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Chair: Ruslana Rachel PALATNIK (Yezreel Valley College)

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**Does Climate Change Adaptation Matter? Evidence from the City on the Water**

Alessandro MISTRETTA (Bank of Italy)

Co-authors: Matteo Benetton, Simone Emiliozzi, Elisa Guglielminetti, Michele Loberto

**Integrated Assessment Model for analyzing Water-Energy-Food nexus in Central Asia**

Maksud BEKCHANOV (Ca'Foscari University Venice)

**Performances in water saving behavior. An empirical investigation in Italian Municipalities**

Katia MARCHESANO (University of Naples Parthenope)

Co-authors: Elisabetta Marzano, Marco De Simone

**Valuing alternative water sources and aquaponics as means of adaptation to climate change: The Case of the Mediterranean Region**

Ruslana Rachel PALATNIK (Yezreel Valley College)

Co-authors: Orna Raviv, Julia Sirota, Mordechai Shechter

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11:00 – 13:00 **FINANCE AND THE ENVIRONMENT**

Room 1.7

Chair: Mattia GUERINI (University of Brescia and FEEM)

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**Carbon Default Swap -- Disentangling the Exposure to Carbon Risk Through CDS**

Alexander BLASBERG (University of Duisburg-Essen)

Co-authors: Rüdiger Kiesel; Luca Taschini

**ESG Factors and Firm Credit Risk**

Laura BONACORSI (Bocconi University)

Co-authors: Vittoria Cerasi, Paola Galfrascoli, Mattero Manera

**Climate disclosure and risk premium in the European bond market**

Gianni GUASTELLA (Università Cattolica del Sacro Cuore)

Co-authors: Matteo Mazzarano, Stefano Pareglio, Anastasios Xepapadeas, Simone Borghesi

**Financial constraints and climate policies**

Mattia GUERINI (University of Brescia and FEEM)

Co-authors: Giovanni Marin and Francesco Vona



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11:00 – 13:00 **SPECIAL SESSION ON AGRI-FOOD (I)**  
Chair: Selene RIGHI (University of Urbino Carlo Bo)

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Room 1.6

**An integrated economic and environmental assessment of clean technologies for a soilless cultivation system**

Antonia D'AMICO (Università degli Studi di Bari Aldo Moro)  
Co-authors: Annalisa De Boni, Claudio Acciani, Rocco Roma

**Economic implications of environmental and social sustainability in wine production: an exploratory analysis in Italy**

Valentina DI CHIARA (University of Padua)  
Co-authors: Maggio Elena, Pomarici Eugenio

**Environmental awareness affects adoption of cleaner farming practices: evidence from Italian winegrowers**

Maria RAIMONDO (University of Catania)  
Co-authors: Luigi Galletto, Luigino Barisan, Mario D'Amico, Francesco Caracciolo

**Drivers of circular eco-innovations adoption: Evidence from Apulian olive growers**

Giacomo GIANNOCARO (University of Bari Aldo Moro)  
Co-authors: Domenico Carlucci, Bernardo C. de Gennaro, Luigi Roselli, Luigi Cembalo, Alessia Lombardi, Antonio Paparella, Riccardo Vecchio

**How collective smart innovation create sustainable value: an analysis of models and practices in the wine territories and cooperatives of Italian inner areas**

Concetta NAZZARO (University of Sannio)  
Co-authors: Anna Uliano, Marcello Stanco, Marco Lerro, Giuseppe Marotta

**Farm production costs and profitability. The case of Italian durum wheat**

Selene RIGHI (University of Urbino Carlo Bo)  
Co-authors: Simonetta De Leo, Federica Palazzi, Elena Viganò

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13:00 – 14:30 **LUNCH**

Study room level C

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13:30 – 14:30 **POSTER SESSION 1**

Study room level C

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**The impact of the European CBAM on international competitiveness: an Input-Output analysis**

Marco AMENDOLA (University of L'Aquila)

**Energy price shocks and stabilization policies in a multi-agent macroeconomic model for the Euro Area**

Enrico TURCO (Fondazione Eni Enrico Mattei & Università Cattolica)

Co-authors: Davide Bazzana, Massimiliano Rizzati, Emanuele Ciola, Sergio Vergalli

**Safeguarding our roots: natural resources accounting and reporting**

Marco BISOGNO (University of Salerno)

Co-authors: Giovanna Dabbicco, Caroline Aggestam Pontoppidan, Marco Bisogno and Josette Caruana

**Impacts of energy generation facilities**

Nicolas CABALLERO (Eurac Research, Ruhr-Universität Bochum)

Co-authors: Manuel Frondel, Stephan Sommer, Colin Vance

**Estimation of the change in willingness to pay for Ursus arctos in two different Italian regions**

Fabiola ONOFRIO (University of Ferrara)

Co-authors: Nicolli Francesco, Bertorelle Giorgio

**Regional sustainability of local natural wastes. A case study for Etna volcano ash geopolymers**

Paolo FERRARA (University of Catania)

Co-authors: Marina Cavalieri, Marco Ferdinando Martorana

**Regional state capacity and economic performance in Colombia**

Henry Sebastián RANGEL QUIÑONEZ (Universidad Santo Tomás-Universidad Industrial de Santander)

Co-authors: Wilfred Alonso Romero Arciniegas

**Green-growth relationship and green growth: An investigation around non linearities**

Anna ROMAGNO (University of Foggia)

Co-authors: Gianluigi De Pascale

**Interactions between concerns for the environment and other sources of concern in 31 European countries**

Chiara SOTIS (London School of Economics)

Co-authors: Addolorata Marasco and Alessandro Romano

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14:30 – 15:30 **IAERE GENERAL ASSEMBLY**

Room 1.8

15.30 – 17:30 **IAERE PARALLEL SESSION 2**

**SPECIAL SESSION ON AGRI-FOOD (II)**

15:30 – 17:30 Chair: Daniele VALENTI (Fondazione Eni Enrico Mattei  
(FEEM))

Room 1.5

**Greenhouse gases and CAP reform: the case study of the Parmigiano-Reggiano cheese system using an agent-based model**

Lisa BALDI (UNIFI-UNIPR)

Co-authors: Sara Calzolari, Filippo Arfini, Michele Donati

**Farms Innovation and sustainability analysis based on an integrated and multisource database**

Filippo OROPALLO (ISTAT)

Co-authors: Roberto Gismondi, Chiara Gnesi, Francesco Borrelli

**Consumption behaviour and willingness-to-pay for sustainable agri-food**

Michel FREM (Università degli Studi di Bari Aldo Moro & SINAGRI)

Co-authors: Vincenzo Fucilli, Biagio Saracino, Federica Rizzitiello, Giovanni Tricarico, Alessandro Petrontino

**Analysis of the demand for blockchain technologies to support the forestry supply chain**

Stefano BRUZZESE (University of Turin)

Co-authors: Simone Blanc and Filippo Brun

**Sustainable transition of European coastal areas: assessing the externalities from small-scale fisheries**

Alberto CECCACCI (University of Bologna)

Co-authors: Ana Faria Lopes, Luca Mulazzani, Giulio Malorgio

**Understanding the role of supply and demand factors in the global market for wheat: a Structural Vector Autoregressive approach**

Daniele VALENTI (Fondazione Eni Enrico Mattei (FEEM))

Co-authors: Alessandro Olper

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15:30 – 17:30 **ENERGY AND ENERGY MARKETS (II)** Room 1.6  
Chair: Marco VALENTE (University of L'Aquila)

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**Electricity trade and the effects on health in Mexico**

Lilia GARCIA MANRIQUE (University of Sussex)

**Optimal revenue sharing under uncertainty: a business model for Energy Service Companies in the Energy Community context**

Gregorio MOROSINOTTO (Università degli Studi di Padova)

**The Impact of Air-conditioning on Residential Electricity Consumption across World Countries**

Filippo PAVANELLO (University of Bologna and CMCC Foundation)

Co-authors: Giacomo Falchetta, Enrica De Cian, Ian Sue Wing, Yasmin Romitti

**Supply and demand shocks in energy commodity markets: the evolution of financial spillovers during the COVID-19 pandemic and the Russo-Ukrainian war**

Mattia CHIAPPARI (Politecnico di Milano)

Co-authors: Francesco Scotti and Andrea Flori

**Sustainable Transition Patterns in the Electricity Sector: a Calibrated Simulation Model for Italy**

Marco VALENTE (University of L'Aquila)

Co-authors: Marco Amendola, Paola D'Orazio

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**BEHAVIOURAL AND EXPERIMENTS**

15:30 – 17:30 Chair: Marcella VERONESI (Technical University of  
Denmark and University of Verona)

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Room T.2

**Environmental Awareness vs Economic Barriers: An exploratory study of Academic Sustainable Policies**

Saverio DI GIORNO (University of Naples Parthenope)

Co-authors: Marina Albanese, Francesco Busato, Gianluigi Cisco

**The effects of non-binding agreements on cooperation in forest user groups in Nepal and Ethiopia**

Peter MARTINSSON (Technical University of Denmark)

Co-authors: Astrid Dannenberg

**When nudges ricochet, behavioural spillovers of social norm nudges promoting plant-based diets**

Julien PICARD (London School of Economics and Political Science)

Co-authors: Sanchayan Banerjee

**Cooperation in the ecological social dilemma: the role of perception of the climate change threat on ecological actions**

Francesco SALUSTRI (Roma Tre University & UCL)

Co-authors: Leonardo Becchetti; Gianluigi Conzo

**The Role of Environmental Information and Attention on the Demand for Fair Trade Products**

Marcella VERONESI (Technical University of Denmark and University of Verona)

Co-authors: Isabel Günther; Erwin Lefoll

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15:30 – 17:30

**LABOUR**

Chair: Elisa TICCI (University of Siena)

Room 1.7

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**The impact of climate on working careers**

Grazia ERRICHELLO (Parthenope University of Naples)

**Industrial versus artisanal mining: The effects on local labour in Liberia**

Melanie GRÄSER (Vienna University of Economics and Business)

**Winners and Losers of the Low-Carbon Transition: A Micro-Macro Occupational Analysis**

Giovanni MARIN (University of Urbino Carlo Bo; SEEDS; FEEM)

Co-authors: Francesco Vona

**Job Displacement and Reallocation Failure. Evidence from Climate Shocks in Morocco**

Giacomo PALLANTE (University of Trento)

Co-authors: Federica Alfani, Vasco Molini, Alessandro Palma

**Land tenure, weather, and women's resilience in rural Benin**

Elisa TICCI (University of Siena)

Co-authors: Teresa Cappelli and Luca Tiberti

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15:30 – 17:30

**POLICIES (I)**

Chair: Ilaria FUSACCHIA (Roma Tre University)

Room T.1

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**Undesired effects of joined pollution regulation sourced by a multi-use production factor**

Ines CHIADMI (UMR PSAE (INRAE-AgroParisTech) - Universiteit Antwerpen)

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Co-authors: Pierre-Alain Jayet and Pierre Humblot

### **Spillovers in the EU ETS**

Andrea FLORI (Politecnico di Milano)

### **Searching for a Carbon Laffer Curve: Estimates from the EU ETS**

Matteo MAZZARANO (University of Siena)

Co-authors: Simone Borghesi

### **Prevention first vs. cap-and-trade in an agent-based integrated assessment model with GHG emissions permits**

Lilit POPOYAN (University of Naples Parthenope)

Co-authors: Alessandro Sapio

### **The forest content of global supply chains: which mitigation policy options?**

Ilaria FUSACCHIA (Roma Tre University)

Co-authors: Etienne Berthet and Alessandro Antimiani

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15:30 – 17:30

### **ECOLOGICAL AND SUSTAINABILITY ISSUES (I)**

Room 1.4

Chair: Michael BERNARDI (University of Trento)

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### **Consumption-based or production-based? The effect of different accounting methodologies of carbon emissions on energy intensity: a GVAR application**

Francesco Jacopo PINTUS (CRIEP & University of Padova)

Co-authors: Claudia Amadei, Cesare Dosi

### **Nature-Based Solutions modelling and Cost-Benefit Analysis to face climate change risks in urban area: the case of Turin (Italy)**

Anna BIASIN (University of Padova)

Co-authors: Mauro Masiero, Giulia Amato, Davide Pettenella

### **Bottom-up innovative initiatives for sustainable mountain development in Italy: a first interregional explorative survey**

Matteo SPINAZZOLA (Fondazione Eni Enrico Mattei)

Co-authors: Laura Cavalli, Veronica Polin

### **Using random forests to predict subjective well being in OECD regions**

Marco QUATROSI (University of Ferrara)

Co-authors: Lasare Samartzidis

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**The effects of extreme weather events on tourism: the case of the Vaia storm**

Michael BERNARDI (University of Trento)

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15:30 – 17:30

**POLICIES AND POLITICAL ECONOMY**

Room 1.1

Chair: Michael RAUSCHER (Universität Rostock)

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**Informal Economy and Environmental Pollution: an Efficiency and Technological Innovation Perspective**

Irene BOSCO (Università LUMSA)

Co-authors: Salvatore Capasso, Vito Pipitone

**Externality Control and Endogenous Market Structure under Uncertainty: the Price vs. Quantity dilemma**

Luca DI CORATO (Ca' Foscari University of Venice)

Co-authors: Yishay D. Maoz

**Are green cars an efficient choice for the consumer? The effect of subsidies on Italian consumer car purchase**

Aniello FERRARO (University of Naples Parthenope)

Co-authors: Massimiliano Agovino, Antonio Garofalo

**The role of local institutional quality for the digital and environmental transitions in Italy**

Andrea PRONTI (Catholic University of Sacred Heart)

Co-authors: Gianluigi Depascale, Roberto Zoboli

**Voluntary Emission Reductions, Social Rewards, and Environmental Policy**

Michael RAUSCHER (Universität Rostock)

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15:30 – 17:30

**AIR QUALITY**

Room 1.2

Chair: Chiara LODI (University of Urbino Carlo Bo)

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**Cleaning the Air: Empirical Evidence from a Difference-in-Discontinuities Design**

Maurizio MALPEDE (University of Verona and EIEE)

Co-authors: Marcella Veronesi, Paolo Pertile, Angelo Zago

**The Unaccounted air quality and mortality effects of Low Emission Zones**

Luis SARMIENTO (RFF-CMCC: European Institute on Economics and the Environment)

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Co-authors: Nicole Wagner and Adrian Santoja

**Commuting to university: transportation choices and environmental impacts at the University of Urbino (IT)**

Chiara LODI (University of Urbino Carlo Bo)

Co-authors: Giovanni Marin, Paolo Polidori, Desirée Teobaldelli

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**18:00 – 20:00 SOCIAL EVENT** Optional guided tour to discover monumental Naples: Piazza del Plebiscito, Lungomare Caracciolo, Borgo Marinari

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**20.00 – 22:30 SOCIAL DINNER** Antonio&Antonio Ristorante  
Via Parthenope, 26

## February 24<sup>th</sup>, 2023

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**08:00 – 09:00 REGISTRATIONS** First floor

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**09:00 – 11:00 IAERE PARALLEL SESSION 3**

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**9:00 – 11:00 SPECIAL SESSION AGRI\_FOOD (III)** Room 1.6  
Chair: Luigi CEMBALO (University of Naples Federico II)

**Insight into ecological transition of vending sector - consumers preferences towards sustainable snacks**

Alberto BERTOSSI (University of Udine)

Co-authors: Francesco Marangon, Stefania Troiano

**Eating Out the Sustainable Transition: Personalized Nudging and Ecosystem Conservation at the Restaurant**

Matteo CORSI (University of Genoa)

Co-authors: Chiara Baggetta; Barbara Cavalletti

**Towards the Farm to Fork Strategy, how to measure the environmental impact of agriculture**

Daniela FUSCO (ISTAT)



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Co-authors: MARIA ANTONIETTA LIGUORI, ANDREI LUCIAN TURLEA

**Sustainable food choices: Do time perspective and personality traits explain taste heterogeneity for social and environmental labelling?**

Giovanna PIRACCI (Università di Firenze)

Co-authors: Fabio Boncinelli, Leonardo Casini

**Changes in well-being during an epiphyty: the case of Xylella fastidiosa in Apulia**

Ruggiero SARDARO (University of Foggia)

Co-authors: Piermichele La Sala, Daniela Panio, Francesco Contò

**Circular economy beyond efficiency: three questions to revert overconsumption**

Luigi CEMBALO (University of Naples Federico II)

Co-authors: Alessia Lombardi, Antonio Paparella, Massimiliano Borrello

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9:00 – 11:00 **WASTE**

Room 1.7

Chair: Amedeo ARGENTIERO (Kore University of Enna)

**The impact of Extended Producer Responsibility on the trade of waste batteries. A European perspective**

Marco COMPAGNONI (University of Trento)

Co-authors: Marco Grazzi, Fabio Pieri, Chiara Tomasi

**Municipal Waste Policies and Spatial Effects: An Empirical Analysis on the Veneto Region of Italy**

Roberta MURI (University of Bologna)

Co-authors: Alessandro Buccioli, Francesca Rossi

**Socio-economic (Place-based) drivers of waste-prevention efficiency enhancement in the manufacturing industry. Evidence from Northern Italy LLMA**

Giulio PEDRINI (Kore University of Enna)

Co-authors: Francesca Gambarotto; Chiara Magrini; Niccolò Stamboglis

**Market failures as barrier to high-quality recycling — A theoretical investigation for an efficient and fair policy package**

Xi SUN (DIW Berlin)

Co-authors: Karsten Neuhoff

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**Stimulating waste prevention and recycling behavior through nudges. A framework and a research agenda**

Amedeo ARGENTIERO (Kore University of Enna)

Co-authors: Massimo Cesareo, Vincenzo Fasone, Giulio Pedrini, Giovambattista Presti

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9:00 – 11:00

**CLIMATE (II)**

Room T.1

Chair: Guglielmo ZAPPALÀ (Paris School of Economics)

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**In a Hotter World. The Effect of Temperature on Students' Performance**

Alessandro PALMA (Gran Sasso Science Institute & CEIS)

Co-authors: Daniela Vuri, Rosario Ballatore

**Warming the MATRIX: A climate assessment**

Enrico TURCO (Fondazione Eni Enrico Mattei & Università Cattolica)

Co-authors: Davide Bazzana, Emanuele Ciola, Massimiliano Carlo Pietro RIZZATI, Sergio Vergalli

**Weather fluctuations and economic performance. Empirical evidence from Italian firms**

Romano TARSIA (London School of Economics)

Co-authors:

**Climate change impacts and investments in adaptation in agricultural firms**

Marco TOMASI (University of Trento)

Co-authors: Carlo Fezzi

**Sectoral impact and propagation of weather shocks**

Guglielmo ZAPPALÀ (Paris School of Economics)

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9:00 – 11:00

**INNOVATION (II)**

Room 1.2

Chair: Emy ZECCA (University of Ferrara)

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**An investigation of the nexus between public policies, green innovation, and energy intensity in the structural change. Evidence from OECD countries**

Alessandro MARRA (University of Chieti-Pescara)

Co-authors: Emiliano Colantonio

**Regional green-tech diversification and inter-regional knowledge exchange: Evidence from EU**

Adelia FATIKHOVA (Gran Sasso Science Institute)

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Co-authors: Fabrizio Fusillo, Sandro Montresor

**The impact of agglomeration economies on circular innovation: new evidence from Italian firms**

Francesca MAZZONI (Gran Sasso Science Institute (GSSI))

**EU sustainable transition, knowledge co-creation and economic competitiveness**

Elena PAGLIALUNGA (University of Urbino Carlo Bo and SEEDS)

**Demand pull and technology push environmental innovation: a policy mix analysis on EU ETS and EU Cohesion Policy**

Francesco SCOTTI (Politecnico di Milano)

**Monitoring the circular bioeconomy transition: a survey from Italian SMEs**

Emy ZECCA (University of Ferrara)

Co-authors: Annarita Colasante, Enrica Imbert, Massimiliano Mazzanti, Piergiuseppe Morone

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9:00 – 11:00

**MACROECONOMICS AND THE ENVIRONMENT (II)**

Room 1.4

Chair: Francesco BOSELLO (Università di Venezia e CMCC)

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**Green Growth & Sustainability Transition through information. Are the greener better informed? Evidence from European SMEs**

Nikos CHATZISTAMOULOU (University of Ioannina; University of Patras)

Co-authors: Emmanouil Tyllianakis

**An Integrated Assessment Modeling of Climate, Economy and the Agricultural Nexus: the Mediterranean Basin**

Camilla GUSPERTI (Fondazione Eni Enrico Mattei)

Co-authors: Chiara Castelli, Marta Castellini, Veronica Lupi, Sergio Vergalli

**Fostering Public Support: Climate Policy in a Neo-Ricardian Framework**

Nikolaj MORETTI (MCC Berlin, University of Potsdam)

Co-authors: Matthias Kalkuhl and Maximilian Kellner

**Improving the Genuine Saving estimates with natural and social dimensions at the regional level in Italy**

Valentina DI GENNARO (University of Siena)

**Reconciling decarbonization with growth and employment: the “Fit for 55” challenge for Italy**

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Francesco BOSELLO (Università di Venezia e CMCC)

Co-authors: C. Carraro, A. Di Bella, R. Key, R. Parrado, G. Standardi, M. Tavoni

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**POLICIES (II)**

Room 1.1

9:00 – 11:00

Chair: Eugénie JOLTREAU (RFF-CMCC European Institute  
on Economics and the Environment)

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**Exploring the temporal dimension of impact patterns of environmental fiscal reform - A Peruvian case study**

Federico ROSCIOLI (University of Rome Tor Vergata)

Co-authors: Daniele Malerba, Anja Gaentzsch, Hauke Ward

**Fuel Discount and the 9€ Ticket: A Step Backwards for Climate Friendly Mobility in Germany?**

Franziska HARTER (University of Rostock)

Co-authors: Felix Kunert

**The impact of environmental regulatory capture on innovation and emissions: The case of the automobile industry**

Françeska TOMORI (Universitat Rovira i Virgili)

Co-authors: Bernd Theilen

**The economics of carbon leakage mitigation policies**

Antonia PACELLI (University of Naples Federico II)

Co-authors: Stefan Ambec, Federico Esposito

**Evaluation of the economic and environmental efficiency of EPR in Quebec**

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

Co-authors: Karima Afif , Bocar Samba Ba

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**FOOD**

Room T.2

9:00 – 11:00

Chair: Maria Carmela APRILE (University of Naples  
Parthenope)

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**Implications of carbon policies on the quality of UK consumers' diet and health**

Elena BENEDETTI (Northumbria University)

Co-authors: Luca Panzone, John Wildman, Chris Seal

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**The Relationship between Energy and Food Security in Africa: A Cross-country evidence from 37 countries**

Dalia FADLY (KU Leuven)

Co-authors: Francisco Fontes

**The power of information in chefs' acceptance of cultured meat**

Marianna GILLI (Università di Ferrara)

Co-authors: Elisa Chioatto, Fulvio Fortezza, Susanna Mancinelli, Francesco Nicolli

**Investigating the impacts of climate and weather shocks on food security and nutrition in Tanzania**

Lauren O'LEARY (London School of Economics and Political Science)

**A field experiment on norms and information about food choice visibility**

Giorgio DINI (Università di Bologna)

Co-authors: Eva Weingartner, Alessandro Tavoni, Astrid Dannenberg

**Other-regarding preferences in pro-environmental behaviours: Empirical analysis and policy implications of organic and local food purchasing**

Damiano FIORILLO (University of Naples Parthenope)

Co-authors: Maria Carmela Aprile

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**ECOLOGICAL AND SUSTAINABILITY ISSUES (II)**

9:00 – 11:00

Chair: Manuela COROMALDI (University of Rome Niccolò Cusano)

Room 1.5

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**Exploring the global scientific literature on "Ecological Economics": A bibliometric network analysis**

Giulio CORSI (University of Naples Parthenope)

Co-authors: Raffaele Guarino, Umberto Grande, Alessandro Sapio, Elvira Buonocore, Pierpaolo Franzese

**Protection Motivation Theory and attitudes toward flood risk: The Vaia Storm case study**

Carolina BONARDI PELLIZZARI (Università degli Studi di Padova)

Co-authors: Luisa Fernanda Euisse Villa, Cristiano Franceschinis, Mara Thiene

**Mountains of trouble. Accounting for environmental costs in local benefit-driven tourism development**

Stale NAVRUD (Norwegian University of Life Sciences (NMBU))

Co-authors: Endre Kildal Iversen, Kristine Grimsrud and Henrik Lindhjem

**Towards a modelling process for simulating coastal socio-ecosystems with a focus on climate change adaptation**

Federico CORNACCHIA (Fondazione Eni Enrico Mattei)

Co-authors: Alberto Gabino Martínez-Hernández, Marco Bidoia, Carlo Giupponi

**Can economic growth be integrated with the maintenance of the Earth system? An empirical approach**

Manuela COROMALDI (University of Rome Niccolò Cusano)

Co-authors: Laura Castellucci, Elisabetta Marzano, Giacomo Pallante

11:00 – 11:30 **COFFEE BREAK**

Study Room level A

11:30 – 12:30

**IAERE KEYNOTE LECTURE**

*Climate Change, Natural World Preservation and the Emergence and Containment of Infectious Diseases*

**Prof. Anastasios Xepapadeas**, Athens University of Economics and Business (Greece) and University of Bologna (Italy)

Room 1.2

12:30 – 14:00 **LUNCH**

Study Room level A

13:30 – 14:30 **POSTER SESSION 2**

Study Room level A

**Assessing the determinants of bottled and tap water consumption among Italian households. A case study from the Multipurpose Household Survey**

Marco DE SIMONE (University of Naples Parthenope)

Co-authors: Ivano Dileo, Elisabetta Marzano

**Green production and local multipliers: evidence from the EU**

Federico Fabio FRATTINI (Fondazione Eni Enrico Mattei)

Co-authors: Filippo Bontadini, Italo Colantone, Francesco Vona

**Energy and environment: the ENERDATA database on the energy sector and incentives to renewable sources**

Gianna GRECA (ISTAT)

**Tax-subsidy schemes for recycling when quantity and quality of waste matter**

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

Co-authors: Karima Afif , Bocar Samba Ba

**Raining men. The effect of extreme weather events on mental health.**

Giulia MARTINELLI (Gran Sasso Science Institute)

Co-authors: Alberto Marzucchi; Alessandro Palma

**Multi-source indicators to describe the territory: a summary chart for Campania**

Maria Antonietta LIGUORI (ISTAT)

Co-authors: Agata Maria Madia Carucci, Valeriana Leporanico

**New information related to industries for monitor investments to reduce the effects of climate change**

Monica MONTELLA (ISTAT)

**On the notion of value in economics and other fields of science: A comparative analysis**

Giulio CORSI (University of Naples Parthenope)

Co-authors: Alessandro Sapio, Elvira Buonocore, Pierpaolo Franzese

**Political influence and firms' behaviour in the framework of transition risk: evidence from a survey of EU enterprises**

Marco QUATROSI (University of Ferrara)

**ROUND TABLE**

<https://bit.ly/3jD90y8>

14:30 – 15:30 Environmental risks and resilience in the Mediterranean  
area: challenges and policy recipes

Room 1.2

Moderator: *Prof. Alessio D'Amato* (University of Rome Tor Vergata, IAERE President)

Speakers:

*Prof. Carmen Arguedas* (University of Madrid, AERNA President)

*Prof. Simone Borghesi* (University of Siena, Director FSR Climate-EUI, EAERE President elect)

*Prof. Salvatore Capasso* (University of Naples Parthenope, Director ISMED CNR)

	<p><i>Dr. Guido de Blasio</i> (Bank of Italy, Director of the Department Economics and Statistics)</p> <p><i>Prof. Phoebe Koundouri</i> (University of Athens, Chair SDSN Global Climate Hub, EAERE President)</p>	
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15:30 – 16:00 **AWARD AND CLOSING CEREMONY**

Room 1.2