

Preliminary Programme



IAERE

Italian Association of Environmental
and Resource Economists

Tenth IAERE Annual Conference & First MED-IAERE Conference

21st-23rd April 2020, Cagliari

Organised by



IAERE

Italian Association of Environmental
and Resource Economists



Università degli
Studi di Cagliari



FONDAZIONE ENI
ENRICO MATTEI

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Resource Economists

Committees

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Elisabetta Strazzera (Chair of the 10th IAERE Annual Conference, co-chair MED-IAERE Conference)
Simone Borghesi (Chair of the MED-IAERE Conference, co-chair 10th IAERE Annual Conference)
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Fabio Eboli
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Ilenia Gaia Romani
Sergio Vergalli
Marcella Veronesi
Mariangela Zol

Useful information

NOTES ABOUT THIS CONFERENCE PROGRAMME

All sessions will be available online. In the following pages, **In person** indicates that all presentations will be in person, **Online** indicates that all presentations will be held online, and **Hybrid** indicates that some presentations will be in person and others online.

IAERE2020 Telegram Channel



A IAERE2022 private channel has been created on Telegram to allow the participants to receive notification in real time.

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

Programme Overview

Thursday 21 April

14:30-15:00	Registrations
15:00-15:30	Opening ceremony
15:30-16:30	IAERE KEYNOTE LECTURE
16:30-17:00	Coffee break
17:00-19:00	IAERE PARALLEL SESSION 1

Friday 22 April

8:30-9:00	Registrations
9:00-11:00	IAERE PARALLEL SESSION 2 + MED-IAERE PARALLEL SESSION 1
11:00-11:30	Coffee break
11:30-13:30	IAERE PARALLEL SESSION 3 + MED-IAERE PARALLEL SESSION 2
13:30-14:30	Lunch
14:30-15:30	IAERE KEYNOTE LECTURE
15:30-16:30	IAERE General Assembly of Members
16:30-17:30	IAERE AWARD and CLOSING CEREMONY
18:00-20:00	Social Event
20:00-	Social Dinner

Saturday 23 April

8:30-9:00	Registrations
9:00-11:00	MED- IAERE POSTER SESSION Coffee and pastries
10:00-11:00	MED-IAERE POLICY ROUND TABLE Which policies to address the water- energy-food nexus in the Med area?
11:00-11:30	Coffee break
11:30-12:30	MED-IAERE KEYNOTE LECTURE
12:30-13:30	MED-IAERE COUNTRY- REPRESENTATIVES' ROUND TABLE Common problems, common solutions? Cooperation perspectives among environmental economists in the Med area
13:30	MED-IAERE CLOSING CEREMONY

Preliminary Programme

APRIL 21ST, 2022

14:30 – 15:00	REGISTRATIONS	
15:00 – 15:30	OPENING CEREMONY	
15:30 – 16:30	IAERE KEYNOTE LECTURE Timo GOESCHL (Heidelberg University) Chair: Alessio D'AMATO (University of Rome Tor Vergata & SEEDS)	
16:30 – 17:00	COFFEE BREAK	
17:00 – 19:00	IAERE PARALLEL SESSION 1	
17:00 – 19:00	AGENT-BASED MODELLING, ENERGY TRANSITION AND CLIMATE CHANGE Chair: Ivan SAVIN (Autonomous University of Barcelona)	Session 1 (Hybrid)
Charging the macroeconomy with an energy sector: an agent-based model Emanuele CIOLA (Fondazione Eni Enrico Mattei) Co-authors: Enrico Maria Turco, Davide Bazzana, Sergio Vergalli, Francesco Menoncin, Andrea Gurgone		
Macroeconomic policy to stay below 2°C with sustainable growth Francesco LAMPERTI (Sant'Anna School of Advanced Studies & RFF-CMCC EIEE) Co-authors: Claudia Wieners, Giovanni Dosi, Andrea Roventini, Roberto Buizza		
Assessing the double materiality of climate financial risks in the euro area economy and banking sector Andrea MAZZOCCHETTI (Ca' Foscari University of Venice) Co-authors: Irene Monasterolo, Regis Gourdel, Nepo Dunz, Laura Parisi		
Macroeconomic implications of climate change in the EU: a country and sub national assessment Alessandro SPIGANTI (Ca' Foscari University of Venice) Co-authors: Emanuele Campiglio, Anthony Wiskich		
Co-dynamics of climate policy stringency and public support Ivan SAVIN (Autonomous University of Barcelona) Co-authors: Theo Konc, Stefan Drews, Jeroen van den Bergh		

17:00 – 19:00	ENVIRONMENTAL POLICY: REGULATIONS, MARKET INSTRUMENTS, UNCERTAINTY	Session 1 (In person)
	Chair: Alessio D'AMATO (University of Rome Tor Vergata & SEEDS)	

Italian Catalogue of Environmentally Harmful and Friendly Subsidies (EHS-EFS): main findings from the fourth edition, 2019-2020 data

Aldo RAVAZZI DOUVAN & Nicolò TRIA (MITE & Sogesid)

Co-authors: Giulia Dramis, Federico Drogo, Luca Grassi, Mario Iannotti, Greti Lucaroni, Luisa Nenci, Antonia Oriani, Giulia Romano

Does environmental policy uncertainty deter low-carbon technology FDI inflows to the US?

Laura NOWZOHOUR (Graduate Institute Geneva)

Co-authors: Joelle Noailly

Believe me when I say green! Heterogeneous expectations and climate policy uncertainty

Roberta TERRANOVA (RFF-CMCC EIEE)

Co-authors: Emanuele Campiglio, Francesco Lamperti

Timing and commitment of environmental policy with an eco-industry

Roberta SESTINI (Sapienza - University of Rome)

Co-authors: Donatella Pugliese

Unburdening regulation: the impact of regulatory simplification on photovoltaic adoption in Italy

Stefano CLÒ (University of Florence)

Co-authors: Federica Daniele, Alessandra Pasquini, Enza Maltese

17:00 – 19:00	AWARENESS AND BEHAVIOR	Session 1 (Hybrid)
	Chair: Elisabetta MARZANO (University of Naples Parthenope)	

Can stated-preference support Water Safety Plans? Evidences from Italy

Antonio MASSARUTTO (University of Udine)

Co-authors: Giulia Roder, Stefania Troiano

Do subjective perceptions shape adaptation to climate change? Evidence from Bangladesh

Guglielmo ZAPPALÀ (Paris School of Economics)

Did the COVID-19 pandemic speed up a transition away from coal? An expert elicitation survey

Lorenzo MONTRONE (Mercator Research Institute on Global Commons and Climate Change)

Co-authors: Jan Christoph Steckel, Lina Maria Puerto Chaves, Gregory Nemet

What are households willing to pay to increase drinking water quality? Results from a meta-analysis benefit-transfer application to PFAS water pollution in Veneto Region, Italy

Francesco Jacopo PINTUS (University of Padova & CRIEP)

The determinants of water conservation behaviour: a social cognitive approach

Elisabetta MARZANO (University of Naples Parthenope)

Co-authors: Maria Carmela Aprile, Antonella D'Agostino, Andrea Regoli

17:00 – 19:00	PREFERENCES, ATTITUDES AND PRO-ENVIRONMENTAL BEHAVIOURS	Session 1 (Hybrid)
Chair: Sandra NOTARO (University of Trento)		

Socio-psychological models predicting the intention to adopt sustainable household energy systems

Ferdinando FORNARA (University of Cagliari)

Co-authors: Sara Manca, Oriana Mosca, Daniela Meleddu, Elisabetta Strazzera

The role of individual variables and purchasing habits in determining milk consumers' preferences and choices

Valentina MERLINO (University of Turin)

Co-authors: Stefano Massaglia, Danielle Borra, Oriana Mosca, Ferdinando Fornara

Integrated Designs for increased Efficiencies in Advanced climatically tunable renewable energy Systems: willingness to pay and drivers of choice in Italy and Ireland

Davide CONTU (Canadian University Dubai)

Co-authors: Ferdinando Fornara, Daniela Meleddu, Elisabetta Strazzera

What determines consumers' behavior in water and electricity markets: is price an effective deterrence mechanism?

Lígia PINTO (University of Minho)

Co-authors: Paulo Ramísio, Marieta Valente

Consumer reaction to information on micro-plastic content in food: how communicating information with a positive or negative framework affect preferences

Sandra NOTARO (University of Trento)

Co-authors: Simone Cerroni, Rodolfo M. Nayga

17:00 – 19:00	FIRMS AND TRADE	Session 1 (In person)
Chair: Giovanni MARIN (University of Urbino Carlo Bo)		

Voluntary environmental information disclosure and firms' performance: evidence from the Italian manufacturing sector

Manuela COROMALDI (University of Rome Niccolò Cusano)

Co-authors: Valentino Parisi

The impact of hydro-geological hazards on Italian firms

Francesco DAVID (Bank of Italy)

Co-authors: Stefano Clò, Samuele Segoni

The EU ETS's time-varying impact on competitiveness and investments: evidence from Dutch manufacturing

Konstantin SOMMER (University of Amsterdam)

Co-authors: Leon Bremer

Strategic co-optimization on the Italian day-ahead and ancillary services markets: implications for the phase out of coal and for the path towards carbon neutrality

Ilaria LIVI (Fondazione Eni Enrico Mattei)

Co-authors: Federico Pontoni, Filippo Del Grosso, Edoardo Somenzi

The impact of EU-ETS on trade: evidence on Italian manufacturing firms

Giovanni MARIN (University of Urbino Carlo Bo)

Co-authors: Giulio Dal Savio, Andrea Locatelli, Alessandro Palma

17:00 – 19:00	HEALTH, POLLUTION AND THE ENVIRONMENT (III) Chair: Nadia BURANI (University of Bologna)	Session 1 (In person)
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The dark side of batteries: child labor and cobalt mining in the Democratic Republic of the Congo

Maurizio MALPEDE (Bocconi University & University of Verona)

The site is closed! Waste facilities, mortality, and socio-economic consequences

Claudio DEIANA (University of Cagliari)

Co-authors: Ludovica Giua

Kuznets and the cities: urban level EKC evidence from Europe

Massimiliano RIZZATI (Fondazione Eni Enrico Mattei)

Co-authors: Nicolò Florenzio, Gianni Guastella, Stefano Pareglio

Work accidents and air pollution

Alessandro PALMA (Gran Sasso Science Institute)

Co-authors: Domenico Depalo

Does a green network effect lower global pollution emissions?

Nadia BURANI (University of Bologna)

Co-authors: Andrea Mantovani

17:00 – 19:00	SOCIO-ECONOMIC CONSEQUENCES OF CLIMATE CHANGE Chair: Marcella VERONESI (Technical University of Denmark & University of Verona)	Session 1 (In person)
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Income, wages and the impact of weather: evidence from half-million American storm

Matteo CORONESE (Sant'Anna School of Advanced Studies)

Co-authors: Federico Crippa, Francesco Lamperti, Francesca Chiaromonte, Andrea Roventini

Forecasting the climate-conflict nexus in Africa under SSPs scenarios

Elena PAGLIALUNGA (University of Urbino Carlo Bo)

Co-authors: Caterina Conigliani, Valeria Costantini, Andrea Tancredi

Can weather shocks give rise to a poverty trap? Evidence from Nigeria

Giulia MALEVOLTI (University of Florence & University of Trento)

The effect of climate change on economic growth: a Structural Global Vector Autoregressive approach

Chiara CASOLI (Fondazione Eni Enrico Mattei)

Co-authors: Maryam Ahmadi, Matteo Manera, Daniele Valenti

Trust, temperature fluctuations, and migration

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

Co-authors: Stefano Carattini

17:00 – 19:00	SPECIAL SESSION ON AGRICULTURE AND THE ENVIRONMENT (I) Chair: Alessandro PETRONTINO (University of Bari Aldo Moro)	Session 1 (Online)
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Evidence of pesticide dependence in perennial crops: an empirical test based on Italian FADN crop-level data

Edoardo BALDONI (Joint Research Centre Seville)

Co-authors: Federico Antonioli

A methodology to calculate the resource cost of agricultural water

Francesco SAPINO (University of Salamanca)

Co-authors: Carlos Dionisio Pérez-Blanco

A global appraisal of the effects of climate shocks on food prices and monetary policy

Maria Teresa TRENTINAGLIA (University of Milan)

Co-authors: Lucia Baldi, Alessandro Gobbi, Massimo Peri

Relationship between forest ecosystem services and civil society. A survey in the Western Alps

Simone BLANC (University of Turin)

Co-authors: Stefano Bruzzese, Valentina Maria Merlino, Filippo Brun

Ornamental Nursery at the time of Xylella fastidiosa. Assessing the economic and environmental sustainability of innovations

Alessandro PETRONTINO (University of Bari Aldo Moro)

Co-authors: Francesco Bozzo, Claudio Acciani, Vincenzo Fucilli, Michel Frem, Giovanni Tricarico, Antonio Mizzi, Emanuela Tria, Roberta Coronelli, Massimo D'Aprile

APRIL 22ND, 2022

08:30 – 09:00 **REGISTRATIONS**

09:00 – 11:00 **IAERE PARALLEL SESSION 2**

HEALTH, POLLUTION AND THE ENVIRONMENT (I)

09:00 – 11:00 Chair: Alessio D'AMATO (University of Rome Tor Vergata & SEEDS)

Session 2
(In person)

Climate, weather, and child health in Burkina Faso

Shouro DASGUPTA (Fondazione CMCC & Ca' Foscari University of Venice)

Co-authors: Elizabeth J.Z. Robinson

Early childhood effect of Chernobyl accident on woman fertility

Matilde GIACCHERINI (University of Rome Tor Vergata)

Co-authors: Joanna Kopinska

Temperature and mental health: evidence from Helpline calls

Benedikt JANZEN (University of Bern)

Air pollution, environmental crime and health: an empirical investigation on Italian provinces

Alessio D'AMATO (University of Rome Tor Vergata & SEEDS)

Co-authors: Anna Rita Germani, Giorgia Marini

09:00 – 11:00	SPECIAL SESSION ON AGRICULTURE AND THE ENVIRONMENT (II) Chair: Silvia GRANATO (Joint Research Centre of the European Commission)	Session 2 <i>(Hybrid)</i>
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Community composting for sustainable food waste management

Francesca MELUCCI (University of Bari Aldo Moro)

Co-authors: Rocco Roma, Annalisa De Boni, Claudio Acciani

Farmland economic value and the sustainability of a bird community

Germán SÁNCHEZ ARCE (University of Lleida)

Co-authors: Montserrat Viladrich-Grau

Modelling biodiversity in the agri-food supply chain: exploring the potential of the Agent-Based model approach

Marta VERZA (University of Bologna)

Co-authors: Luca Camanzi, Luca Mulazzani, Giulio Malorgio

How to promote the collective uptake of agri-environmental schemes by farmers? A review of the literature

Simone PIRAS (James Hutton Institute)

Co-authors: Laure Kuhfuss, Sharon Flanigan, Cathy Hawes, Graham Begg

Measuring sustainability of agriculture in European countries: a multicriteria approach for assessing progress within SDG2

Lucia ROCCHI (University of Perugia)

Co-authors: Antonio Boggia, Luisa Paolotti

The role of the EU CAP in the adoption of risk-mitigating strategies in agriculture: evidence from a Generalised Propensity Score approach

Silvia GRANATO (Joint Research Centre of the European Commission)

Co-authors: Carlo Bottoni, Annalisa Frigo

09:00 – 11:00	FOOD AND THE ENVIRONMENT Chair: Carlo Andrea BOLLINO (University of Perugia)	Session 2 <i>(In person)</i>
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The effect of EU Carbon tariffs on the UK food trade market and emissions: a micro-simulation with a Structural Gravity Model

Elena BENEDETTI (Northumbria University)

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

The effects of gasoline prices on food purchases: quantity, quality and heterogeneity

Ondine BERLAND (INRAE)

Co-authors: Fabrice Etilé

Playing with the Mediterranean Diet: may little changes benefit the environment without compromising health?

Enrica Nadia FROLA (University of Milan)

Co-authors: Cavaliere Alessia, Elisa De Marchi, Jacopo Bacenetti, Francesca Orlando, Alessandro Banterle

Forests as a safety net for nutrition following a weather shock: who benefits from it?

Jessica MEYER (Erudite - Université Paris-Est Créteil)

On the water-energy-food nexus: is there multivariate convergence?

Carlo Andrea BOLLINO (University of Perugia)

Co-authors: Marzio Galeotti

09:00 – 11:00

FIRMS AND INNOVATION

Chair: Andrea PRONTI (Catholic University of Milan)

Session 2

(Hybrid)

Digital technologies and eco-innovations. Evidence of the “twin transition” from Italian firms

Sandro MONTRESOR (Gran Sasso Science Institute)

Co-authors: Antonio Vezzani

Circular innovation contagion: study on the dissemination of innovative circular practices among firms in Emilia Romagna

Elisa CHIOATTO (University of Ferrara)

Co-authors: Susanna Mancinelli, Emy Zecca

Factor-eliminating technical change in a resource economy

Daniel HAERLE (VU Amsterdam)

Co-authors: Gerard van der Meijden

Trading for economies of scale: the cost efficiency of cap-and-trade in common-pool resources

Phuong HO (Norwegian School of Economics)

Multidimensional impact of negative emissions’ research reveals sizeable and heterogeneous spillovers

Giorgio TRIPODI (Scuola Normale Superiore)

Co-authors: Francesco Lamperti, Roberto Mavilia, Andrea Mina, Francesca Chiaromonte, Fabrizio Lillo

The 'Good Farmer' concept and the diffusion of innovations for sustainable development in rural Africa

Andrea PRONTI (Catholic University of Milan)

Co-authors: Susanna Mancinelli, Massimiliano Mazzanti, Luca Crudeli

09:00 – 11:00

ENVIRONMENTAL MACROECONOMICS

Chair: Daniele VALENTI (Fondazione Eni Enrico Mattei &
University of Milan)

Session 2

(Hybrid)

What is the shape of Environmental Engel Curves? Evidence using panel data

Stefan WÖHRMÜLLER (University of Amsterdam)

Environmentally extended input-output analysis in complex networks: a multilayer approach

Giorgio RIZZINI (University of Milano-Bicocca)

Co-authors: Gian Paolo Clemente, Alessandra Cornaro, Rosanna Grassi

Recycling in a sustainable framework

Etienne LORANG (INRAE)

“Carbon” boards and transition risk: explicit and implicit exposure implications for total stock returns and dividends payouts

Matteo MAZZARANO (University of Siena)

Co-authors: Gianni Guastella, Stefano Pareglio, Anastasios Xepapadeas, Simone Borghesi

The Effects of population, technology and affluence on CO₂ emissions in the global economy

Daniele VALENTI (Fondazione Eni Enrico Mattei & University of Milan)

Co-authors: Veronica Lupi, Marzio Galeotti

09:00 – 11:00	CLIMATE CHANGE ADAPTATION Chair: Michael RAUSCHER (University of Rostock)	Session 2 (In person)
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The negative environmental impacts of climate change adaptation in agriculture

Niccolò PARISSI (University of Trento)

AgriOnIA: Agriculture Impact On Italian Air Quality

Paolo MARANZANO (University of Milano-Bicocca)

Co-authors: Riccardo Borgoni, Michela Cameletti, Alessandro Fassò, Francesco Finazzi, Alessandro Fusta Moro, Andrea Gilardi, Natalia Golini, Rosalba Ignaccolo, Philipp Otto, Jacopo Rodeschini, Qendrim Shaboviq, Alessandro Vaglio

Adaptation to climate change: air-conditioning and the role of remittances

Filippo PAVANELLO (University of Bologna & CMCC)

Co-authors: Teresa Randazzo, Enrica De Cian

A cost-benefit assessment associated to the climate adaptation measures listed in the CAMBIA Library

Simonetta DE LEO (CREA)

Co-authors: Giulia Villani, Guido Bonati, Antonella Di Fonzo, Sabrina Giuca, Antonio Volta, Gabriele Antolini, Alice Vecchi

Planting new varieties in viticulture under conditions of climate change: a dynamic stochastic investment model

Michael RAUSCHER (University of Rostock)

09:00 – 11:00	CLIMATE CHANGE AND REDISTRIBUTIONAL EFFECTS Chair: Andrea RAMPA (Ministry of Economic Affairs and Finance)	Session 2 (Online)
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Too different to get along: inequality and international environmental agreements

Margherita BELLANCA (Ca' Foscari University of Venice)

Co-authors: Alessandro Spiganti

How to redistribute the revenues from climate policy? A dynamic perspective with heterogeneous households

Ulrich EYDAM (University of Potsdam)

Co-authors: Francesca Diluiso

Precipitation anomalies non-linearly affect income inequality

Elisa PALAGI (Sant'Anna School of Advanced Studies)

Co-authors: Matteo Coronese, Francesco Lamperti, Andrea Roventini

Labour in the Circular Economy: a catalyst towards sustainable development

Julie METTA (KU Leuven)

The distributional incidence of diesel differential removal in Italy, in time of post-pandemic recovery

Andrea RAMPA (Ministry of Economic Affairs and Finance)

Co-authors: Chiara Antonelli, Gionata Castaldi

09:00 – 11:00	CLIMATE CHANGE IMPLICATIONS FOR COUNTRIES AND FINANCE	Session 2 (Online)
Chair: Francesco BOSELLO (University of Venice)		

Assessing macro-economic effects of climate impacts on energy demand in EU sub-national regions

Gabriele STANDARDI (CMCC)

Co-authors: Shouro Dasgupta, Ramiro Parrado, Enrica De Cian, Francesco Bosello

Surging sovereign spreads: the impact of rising seas on sovereign risk

Atreya DEY (University of Edinburgh)

Climate change, conflicts and resilience in Eastern Sub-Saharan Africa

Mariagrazia D'ANGELI (University of Urbino Carlo Bo)

Co-authors: Federica Cappelli, Valeria Costantini, Giovanni Marin, Elena Paglialunga

The impact of climate transition risks on financial stability. A systemic risk approach

Javier OJEA-FERREIRO (Joint Research Centre of the European Commission)

Co-authors: Juan C. Reboredo, Andrea Ugolini

Macroeconomic implications of climate change in the EU: a country and sub national assessment

Francesco BOSELLO (University of Venice)

Co-authors: Ramiro Parrado, Gabriele Standardi

09:00 – 11:00	MED-IAERE PARALLEL SESSION 1
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09:00 – 11:00	MED-IAERE SESSION (I) - CLIMATE CHANGE AND ECOSYSTEM SERVICES	(Hybrid)
Chair: Sabrina AUCI (University of Palermo)		

Fiscal policy response of local governments to floods in Italy

Chiara LODI (University of Urbino Carlo Bo)

Co-authors: Giovanni Marin, Marco Modica

Climate shocks and job displacement. Evidence from Morocco.

Giacomo PALLANTE (ENEA)

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

The economic value of land-based ecosystem services: a spatially explicit approach for Portugal

João SEIXO (Nova School of Business and Economics)

Co-authors: Carina Vieira da Silva, Maria A. Cunha-e-Sá

Crowdfunding vs. Taxes: does the payment vehicle influence WTP for ecosystem services protection?

Carina VIEIRA DA SILVA (Nova School of Business and Economics)

Co-authors: Margarida Ortigão, Ana Faria, Til Dietrich, Luís Catela Nunes, Renato Rosa, Maria A. Cunha-e-Sá

Climate variability and urban heat islands: an empirical efficiency analysis for the Italian main cities

Sabrina AUCI (University of Palermo)

Co-authors: Donatella Vignani

11:00 – 11:30 **COFFEE BREAK**

11:30 – 13:30 **IAERE PARALLEL SESSION 3**

11:30 – 13:30 **THE VALUATION OF ECOSYSTEM SERVICES FOR PUBLIC POLICY
AND ENVIRONMENTAL ACCOUNTING**

Chair: Silvia FERRINI (CSERGE, University of East Anglia)

Session 3
(In person)

Mapping, valuing and accounting for habitat and species maintenance in Europe

Alessandra LA NOTTE (Joint Research Centre of the European Commission)

Co-authors: Silvia Ferrini, Ioanna Grammatikopoulou, Gaetano Grilli

A payment scheme for the ecosystem services of mountain grasslands embedded in dairy products. a stated preference investigation

Elena LAGOMARSINO (University of Salerno)

Co-authors: Barbara Cavalletti, Matteo Corsi

Small is beautiful: visitors' and firms' willingness to commit to a protected area

Marta MELEDDU (University of Sassari & CRENoS)

Co-authors: Manuela Pulina, Ilaria Sale, Marco Vannini, Marilena Vecco

Estimating willingness to pay for Alpine Pastures: a discrete choice experiment accounting for attribute non-attendance

Maria DE SALVO (University of Catania)

Co-authors: Roberta Raffaelli, Sandra Notaro

Exploring the role of choice experiments in ecosystem accounting and management: a simulated exchange value approach

Silvia FERRINI (CSERGE, University of East Anglia)

Co-authors: Gaetano Grilli, Tiziana Luisetti, Kerry Turner

11:30 – 13:30 **SPECIAL SESSION ON AGRICULTURE AND THE ENVIRONMENT
(III)**

Chair: Gioacchino PAPPALARDO (University of Catania)

Session 3
(In person)

Dance for the rain or pay for insurance? An empirical analysis of the Italian crop insurance market

Luca CITINO (Bank of Italy)

Co-authors: Alessandro Palma, Matteo Paradisi

Tofu desert and neighborhood effects: what explain variations of food price elasticities?

Zhaoxin LIU (VU Amsterdam)

Factors fostering and hindering farmers' intention to adopt organic agriculture: a case study in the Pesaro Urbino province (Italy)

Selene RIGHI (University of Urbino Carlo Bo)

Co-authors: Maurizio Canavari, Federico Gori, Elena Viganò

Droughts and deforestation: does seasonality matter?

Giulia VAGLIETTI (Climate Economic Chair, INRAE & University of Lorraine)

Co-authors: Philippe Delacote, Antoine Leblois

Do forest conservation policies undermine the soybean sector in the Brazilian Amazon? Evidence from the blacklisting of municipalities

Léa CREPIN (Université Paris-Saclay)

Assessment of economic cost for distributing microfiltered liquid digestate on Mediterranean crops

Gioacchino PAPPALARDO (University of Catania)

Co-authors: Roberta Selvaggi, Ettore Trimarchi

CLIMATE ECONOMY AND WEF		
11:30 – 13:30	Chair: Marta CASTELLINI (University of Brescia & Fondazione Eni Enrico Mattei)	Session 3 (Hybrid)

A regional integrated assessment model of climate and the economy: which role for the Mediterranean region?

Veronica LUPI (University of Milan & Fondazione Eni Enrico Mattei)

Co-authors: Chiara Castelli, Marta Castellini, Camilla Gusperti, Sergio Vergalli

A general framework for the generation of probabilistic socioeconomic scenarios and risk quantification concerning food security with application in the Upper Nile river basin

Georgios PAPAYIANNIS (Hellenic Naval Academy)

Co-authors: Phoebe Koundouri, Achilleas Vassilopoulos, Athanasios N. Yannacopoulos

Attributing changes in food insecurity to a changing climate

Elizabeth ROBINSON (London School of Economics)

Co-authors: Shouro Dasgupta

Alternative water sources, food security and ecosystems in the Mediterranean: what we have learned and the way forward

Ruslana PALATNIK (Yezreel Valley College)

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

Literature review of macroeconomic models for WEF nexus assessment

Marta CASTELLINI & Chiara CASTELLI (Fondazione Eni Enrico Mattei & University of Brescia)

Co-authors: Emanuele Ciola, Camilla Gusperti, Ilenia Gaia Romani, Sergio Vergalli

WATER RESOURCES		
11:30 – 13:30	Chair: Elena VALLINO (University of Torino)	Session 3 (Hybrid)

Illusory water decoupling: a case of study in the eastern plain of Naples, Italy

Marco DE SIMONE (University of Naples Parthenope)

Co-authors: Vincenzo Allocca, Elisabetta Marzano

Smart meters and gamification: a field experiment to promote water saving in the metropolitan area of Milan

Sabrina RUBERTO (University of Florence)

Co-authors: Stefano Clò, Tommaso Reggiani

Potential economic value of seasonal forecasts of water flows for hydropower production.

Elisa DELPIAZZO (CMCC, Ca' Foscari University of Venice & EIEE)

Co-authors: Carlotta Gianni, Paolo Mazzoli, Francesco Dalla Valle, Stefano Bagli

The use of satellite data to support sewer infrastructures management

Davide VURCHIO (University of Bari Aldo Moro)

Co-authors: Stefano Clò

Economic water scarcity and virtual water trade in Africa

Elena VALLINO (University of Torino)

Co-authors: Silvana Dalmazzone, Francesco Laio, Luca Ridolfi

11:30 – 13:30

BEHAVIOUR, ECONOMICS AND PUBLIC GOODS

Chair: Peter MARTINSSON (University of Gothenburg & DTU)

Session 3

(Hybrid)

The local provision of global public goods: the WTP for carbon sequestration in the Murano Glass District

Laura ONOFRI (University of Padova)

Co-authors: Anil Markandya, Marcantonio Brandolini d'Adda

Time on the road and the price of gasoline: evidence from ATUS and NHTS

Valeria DI COSMO (University of Turin)

Co-authors: Anna Alberini, Marco Horvath

Representation, peer pressure and punishment in a public goods game

Alessandro TAVONI (University of Bologna)

Co-authors: Hyoyoung Kim, Doruk İriş, Jinkwon Lee

Time and waste recycling

Giulio GALDI (University of Trento)

Co-authors: Francesco Nicolli, Chiara Franco

Pledges and cooperation: does it matter if a pledge is vague or precise?

Peter MARTINSSON (University of Gothenburg & DTU)

Co-authors: Ann-Kathrin Koessler

11:30 – 13:30

CARBON TAXES AND TRADING SCHEMES

Chair: Vito FRONTUTO (University of Turin)

Session 3

(Hybrid)

Effects of carbon tax on electricity price volatility: empirical evidence from the Australian market

Nicola COMINCIOLI (University of Brescia & Fondazione Eni Enrico Mattei)

Co-authors: Matteo Guerini, Sergio Vergalli

The impact of the EU Carbon Border Adjustment Mechanism and the presence of cross-hauling: the case of Italy

Gionata CASTALDI (Ministry of Economy and Finance)

Co-authors: Carlo Orecchia

The interplay between carbon abatement and transferring of allowances in the EU ETS

Andrea FLORI (Polytechnic University of Milan)

Time-weighted difference-in-differences: accounting for common factors in short T Panels

Timo SCHENK (University of Amsterdam)

Distributional impacts of the extension of the EU-ETS to transport fuels

Vito FRONTUTO (University of Turin)

Co-authors: Silvana Dalmazzone, Stefano Menegat

11:30 – 13:30 **HEALTH, POLLUTION AND THE ENVIRONMENT (II)**
 Chair: Carmen AINA (University of Eastern Piedmont)

Session 3
(Online)

Quantifying secondhand smoke health risks in U.S. and U.K.

Eleanya NDUKA (University of Warwick)

Pollution, life expectancy and inequality: the role of health investments and environmental maintenance

Anna DUGAN (University of Graz)

Including the change in natural capital stock and environmental degradation in Peruvian mining GDP and NNP

Carlos ORIHUELA (National Agrarian University - La Molina)

Co-authors: Victor Chumpitaz

Natural disasters and fertility in African countries: evidence on the role of contraception and wealth

Nathan DELACRÉTAZ (University of Neuchâtel)

Co-authors: Bruno Lanz

The effect of climate on birth rates in Italian municipalities

Carmen AINA (University of Eastern Piedmont)

Co-authors: Enrico Ferrero, Laura Sigalotti

11:30 – 13:30 **MED-IAERE PARALLEL SESSION 2**

11:30 – 13:30 **MED-IAERE SESSION (II) - ECOLOGICAL TRANSITION**
 Chair: Laura CAVALLI (Fondazione Eni Enrico Mattei)

(Hybrid)

Macroeconomic and climate impacts of the Next Generation EU

Francesca DILUIISO (Mercator Research Institute on Global Commons and Climate Change - MCC)

Co-authors: Ottmar Edenhofer, Matthias Kalkuhl

Clustering environmental performances, energy efficiency and clean energy patterns: a comparative static approach across EU Countries

Marco QUATROSI (University of Ferrara)

Strategies and drivers of eco-innovations in the circular context: the case of Italian SMEs

Emy ZECCA (University of Ferrara)

Co-authors: Massimiliano Mazzanti, Andrea Pronti

Besides promising economic growth, will the National Recovery and Resilience Plan of Italy also produce fewer emissions?

Ilenia Gaia ROMANI (University of Brescia & Fondazione Eni Enrico Mattei)

Co-authors: Marzio Galeotti, Alessandro Lanza

Sustainability assessment of ROPs investments – Application to Mediterranean island regions

Laura CAVALLI (Fondazione Eni Enrico Mattei)

Co-authors: Mia Alibegovic, Edward Cruickshank, Marco Onnis, Sandro Sanna

13:30 – 14:30 **LUNCH**

	IAERE KEYNOTE LECTURE
14:30 – 15:30	Maria LOUREIRO (University of Santiago de Compostela) Chair: Elisabetta STRAZZERA (University of Cagliari)

15:30 – 16:30	IAERE GENERAL ASSEMBLY OF MEMBERS
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16:30 – 17:30	IAERE AWARD AND CLOSING CEREMONY
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18:00 – 20:00 **SOCIAL EVENT**

20:00 – **SOCIAL DINNER**

APRIL 23RD, 2022

08:30 – 09:00 **REGISTRATIONS**

09:00 – 11:00	MED-IAERE PROJECTS POSTER SESSION
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VERSUS+ Heritage for people

Funded by EU Creative Europe Programme

Presenter: Maddalena ACHENZA (University of Cagliari)

WECAREMED - ToWards the CARbon offsEtting in MED

Funded by Interreg MED

Presenter: Marina BERTOLINI (University of Padova)

LIVE-HAZE: HAZELNUT INDUSTRIAL BY-PRODUCT INCLUSION IN LIVESTOCK CHAINS IN ITALY

Funded by MIUR PRIN 2020

Presenter: Valentina Maria MERLINO (University of Turin)

Supreme - developing tools for SUSTainable food PROduction in mEditerranean area using MicrobEs

Funded by ERANET-MED2

Presenter: Giovanni DE GIUDICI (University of Cagliari)

Land system dynamics in the Mediterranean basin across scales as relevant indicator for species diversity and local food systems

Funded by ARIMNet 2: Agricultural Research In the Mediterranean Network 2

Presenter: Marta DEBOLINI (INRAE & CMCC)

TALANOA-WATER - Talanoa Water Dialogue for Transformational Adaptation to Water Scarcity Under Climate Change

Funded by PRIMA-MED

Presenter: Marta DEBOLINI (INRAE & CMCC)

AWESOME - mAnaging Water, Ecosystems and food across sectors and Scales in the sOuth Mediterranean

Funded by PRIMA-MED

Presenter: TBA

IDEAS - Novel building Integration Designs for increased Efficiencies in Advanced climatically tunable renewable energy Systems

Funded by EU Horizon 2020

Presenter: Daniela MELEDDU (University of Cagliari)

BESTMEDGRAPE - New Business opportunities & Environmental suSTainability using MED GRAPE nanotechnological products

Funded by EU ENI-CBC-MED

Presenter: Francesca MELONI (University of Cagliari)

SWATCH - Strategies for increasing the WATER use efficiency of semi-arid Mediterranean watersheds and agrosilvopastoral systems under climate CHange

Funded by PRIMA-MED

Presenter: Nicola MONTALDO (University of Cagliari)

Si.E.S. - Sistema Energetico Sostenibile

Funded by Regione Autonoma della Sardegna

Presenter: Augusto MONTISCI (University of Cagliari)

Developing integrated Municipal Solid Waste Management Program for the Protection of the Saniq River Basin in Southern Lebanon

Funded by EU ENI-CBC-MED

Presenter: Augusto MONTISCI (University of Cagliari)

BERLIN

Funded by EU ENI-CBC-MED

Presenter: Fabrizio PILO (University of Cagliari)

ECO.Fire - The economic value of forest fires as support for prevention behavior

Funded by Fundação para a Ciência e Tecnologia

Presenter: Lígia PINTO (University of Minho)

LENSES - LEarning and action alliances for NexuS EnvironmentS in an uncertain future

Funded by PRIMA-MED

Presenter: Tiziana PIRELLI (Centre for Agricultural Research and Economics)

MedArtSal - Sustainable management for Mediterranean artisanal salinas

Funded by EU ENI-CBC-MED

Presenter: Manuela PUDDU (MEDSEA Foundation)

CuBER - Copper-based Flow Batteries for Energy Storage and Renewables Integration

Funded by EU Horizon 2020

Presenter: Carlo RICCI (University of Cagliari)

BLUEfasma - Empowering innovation capacity of SMEs, maritime clusters and networks in MED islands and coastal areas to support blue circular economy growth in fishing/aquaculture

Funded by Interreg MED Programme 2014-2020

Presenter: Elisa SERRA (IMC - International Marine Centre)

MEDISS - Mediterranean Integrated System for Water Supply

Funded by EU ENI-CBC-MED

Presenter: Giovanni SISTU (University of Cagliari)

MED-IAERE POLICY ROUND TABLE

Which policies to address the water-energy-food nexus in the Med area?

Chair: Elisabetta STRAZZERA (University of Cagliari)

Panelists:

10:00 – 11:00

Phoebe KOUNDOURI (EAERE President, UN SDSN Europe, Athens University of Economics and Business)

Maria LOUREIRO (University Santiago de Compostela)

Ece OZDEMIROGLU (Eftec, London)

Aldo PULEO (ENI CBC Med)

Angelo RICCABONI (Chair PRIMA, Chair SDSN MED, University of Siena)

Alessio SATTA (MedWet Coordinator, President MEDSEA)

11:00 – 11:30 **COFFEE BREAK**

