

XI Conference of the Spanish-Portuguese Association of Natural and Environmental Resource Economics (AERNA)

4th - 6th September, 2024

Nova School of Business and Economics, Carcavelos, Portugal

PRELIMINARY PROGRAM

Wednesday, September 4th

17.30-19.00 Cocktail reception and registration

Thursday, September 5th

08.30-09.00 Registration

09.00-10.30 Welcome and plenary session I - Prof. Nicolai V. Kuminoff
“Socially Efficient Menu Design: Evidence from Electricity Markets”

10.30-11.00 Coffee break

11.00-13.00 [Parallel Session I](#)

13.00-14.30 Lunch

14.30-16.30 [Parallel Session II](#)

16.30-17.00 Coffee break

17.00-19.00 [Parallel Session III](#)

20.00 Conference dinner

Friday, September 6th

09.00-11.00 [Parallel Session IV](#)

11.00-11.30 Coffee break

11.30-12.30 Plenary Session II - Prof. Inês M. Azevedo

12.30-13.00 Awards

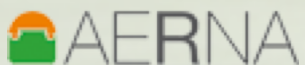
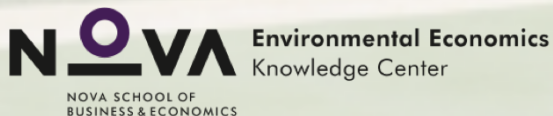
13.00-14.30 Lunch

14.30-16.30 MED-AERNA Roundtable:
“Climate Change and the WEF (Water-Energy-Food) Nexus: Challenges for the Long-term Stability of the Med Area”
Chair: Prof. Simone Borghesi
Dr. Haithem Bahri
Prof. Begüm Özkaynak
Dr. Amandine Pastor

16.30-17.00 Coffee break

17.00-18.30 AERNA General Assembly

Organised by



PARALLEL SESSION I - Thursday, September 5th, 11.00-13.00

PARALLEL SESSION I.1 Environmental Valuation I Moderator: Llorenç Femenias Rosselló	11.00-11.30	Small steps in the right direction: preferences of small-scale farmers for sustainable cattle systems in Guaviare, Colombian Amazon Catalina Posada Borrero , Driss Ezzine-de-Blas, Emmanuelle Lavaine, Sébastien Roussela	Discussant: Llorenç Femenias Rosselló
	11.30-12.00	Exploring organizational attitudes and preferences toward forest carbon offset: a case study of the spanish carbon footprint registry Brenda Morales , Paola Ovando	Discussant: Germán Sánchez Arce
	12.00-12.30	Spatially homogeneous and heterogeneous payments for biodiversity conservation: the case of the Lleida plain Germán Sánchez Arce , Montserrat Viladrich Grau	Discussant: Brenda Morales
	12.30-13.00	The role of environmental attitudes on social preferences for mitigation policies: s Hybrid Choice Model approach Llorenç B. Femenias Rosselló , Angel Bujosa Bestard, Antoni Riera Font	Discussant: Catalina Posada Borrero
PARALLEL SESSION I.2 Environmental Policy I Moderator: Bojan Shimbov	11.00-11.30	Local spending on global public goods: the impact of government commitment and trust in government on productivity and convergence Ingrid Ott, Susanne Soretz	Discussant: Bojan Shimbov
	11.30-12.00	Environmental cooperation and trade – The impact of heterogeneity in environmental damages: an endogenous solution Dana Ghandour	Discussant: Johan Gustafsson
	12.00-12.30	Climate policy and gender inequality Mohamed Tahar Benkhodja, Johan Gustafsson , Xiaofei Ma, Junior Maih	Discussant: Dana Ghandour
	12.30-13.00	Environmental stringency and international trade: a look across the globe Bojan Shimbov , Inmaculada Martinez- Zarzoso, Maite Alguacil	Discussant: Susanne Soretz
PARALLEL SESSION I.3 Waste Managment Moderator: Catarina Roseta-Palma	11.00-11.30	Actions to reduce food loss and waste: stakeholder perspectives Gwendy Bonte , Tine Compennolle , Simon De Jaeger and Sandra Rousseau	Discussant: Catarina Roseta-Palma
	11.30-12.00	Analyzing water footprint associated with household food waste. Exploring drivers across Spanish regions and food product categories Pilar Gracia de Rentería , Hugo Ferrer Pérez	Discussant: Claudia Ranocchia
	12.00-12.30	Peer-to-peer sharing and price competition Francisco J. André, Carmen Arguedas, Claudia Ranocchia , Sandra Rousseau	Discussant: Pilar Gracia de Rentería
	12.30-13.00	Encouraging household waste separation: Can social comparison help? Eduardo Cardadeiro, Catarina Roseta-Palma , Tito Laneiro	Discussant: Bonte Gwendy
PARALLEL SESSION I.4 Air Pollution Moderator: Alessio D'Amato	11.00-11.30	FDI and environmental regulation: a two-part modelling approach with redistributinal effects Stefan Borsky, Andrea Leiter, Michael Pfaffermayr, Richard Pirker	Discussant: Alessio D'Amato
	11.30-12.00	Winds of illness: Air pollution and health outcomes in Germany Shushanik Margaryan, Adrian Santonja , Thomas Siedler	Discussant: Sachintha Fernando
	12.00-12.30	Zero fare, cleaner air? The causal effect of Luxembourgs free public transportation policy on carbon emissions Sachintha Fernando , Tobias Eibinger	Discussant: Adrian Santonja
	12.30-13.00	Do environmental crimes contribute to air pollution? Empirical evidence and effects on health Anna Rita Germani, Giorgia Marini, Alessio D'Amato , Alan Ker	Discussant: Richard Pirker

PARALLEL SESSION II - Thursday, September 5th, 14.30-16.30

PARALLEL SESSION II.1 Environmental Valuation II Moderator: Sandra Rousseau	14.30-15.00	Comparative valuation of mangrove forest conservation: assessing rural and urban willingness to Work and Pay Margarida Ortigão , Alberto Charrua, Stefan Leeffers	Discussant: Sandra Rousseau
	15.00-15.30	Property value and GIAHS sites: an exploration Vitor Bertoluci , Lígia Costa Pinto, Maria Loureiro	Discussant: Inês Póvoa
	15.30-16.00	The impacts of wildfires on productivity: a sectoral approach Inês Póvoa	Discussant: Vitor Bertoluci
	16.00-16.30	Monetary valuation of fauna in legal frameworks of European countries: a comparative analysis Axelle Franck, Sandra Rousseau	Discussant: Margarida Ortigão
PARALLEL SESSION II.2 Environmental Policy II Moderator: Renan Goetz	14.30-15.00	Environmental policy and productivity in an economic geography model María Pilar Martínez-García , José R. Morales	Discussant: Renan Goetz
	15.00-15.30	Sustainability indicators for European countries: synergies and tradeoffs María Jesús Campi3n, Emilio J. Domínguez, Iratxe Legarra, Nuria Osés-Eraso	Discussant: Alex Sanz
	15.30-16.00	Has the EU ETS market been efficient in reducing CO2 emissions? Judith Branchadell, Alex Sanz	Discussant: Nuria Osés-Eraso
	16.00-16.30	Optimal multi-level governance taking account of climate change and air pollution Renan Goetz , Angels Xabadia, David Zilberman	Discussant: María Pilar Martínez-García
PARALLEL SESSION II.3 Environmental Games Modeator: Santiago J. Rubio	14.30-15.00	Environmental regulation and inspection delegation with stock pollution Carmen Arguedas , Francisco Cabo, Guiomar Martín-Herrán	Discussant: Santiago J. Rubio
	15.00-15.30	A fishery coalition game with a regulator Lone Grøn3æk J3rgensen, Marko Lindroos, Gordon Munro, Pedro Pintassilgo	Discussant: Jesús Marín-Solano
	15.30-16.00	Status concern and environmental awareness in a common access resource game with heterogeneous agents Carles Mañó-Cabello, Jesús Marín-Solano , Jorge Navas	Discussant: Pedro Pintassilgo
	16.00-16.30	Cournot competition and green innovation in a dynamic oligopoly Guiomar Martín-Herrán, Santiago J. Rubio	Discussant: Carmen Arguedas
PARALLEL SESSION II.4 Energy I Moderator: Alessia Casamassima	14.30-15.00	Women's political empowerment and renewable electricity capacity. Evidence from a dynamic panel of developed and developing countries Tobias Albrecht , Enrique López-Bazo, Mónica Serrano	Discussant: Alessia Casamassima
	15.00-15.30	Tightening the regulatory framework: assessing the anticipatory effects in hydroelectric production in Portugal Luisa Nobre	Discussant: Hanna Lindstr3m
	15.30-16.00	The effects of electricity and fuel prices on Swedish industry: a panel VAR approach Hanna Lindstr3m , Tommy Lundgren, Mattias Vesterberg	Discussant: Luisa Nobre
	16.00-16.30	Next Generation's energy misperception Alessia Casamassima , Andrea Morone, Jordi Perdiguero García	Discussant: Tobias Albrecht

PARALLEL SESSION III - Thursday, September 5th, 17.00-19.00

PARALLEL SESSION III.1 Forestry Moderator: Àngels Xabadia	17.00-17.30	The green paradox of forest carbon sequestration João Vaz Patto	Discussant: Àngels Xabadia
	17.30-18.00	Is woodland expansion an efficient alternative for carbon offsetting in Scotland? Paola Ovando , Marie Castellazzi, Andrea Baggio-Compagnucci, Richard Hewitt, Alessandro Gimona	Discussant: Ilaria Dibattista
	18.00-18.30	Traditional versus novel carbon farming practices in Southern Europe: Can oak forests compete with bamboo in a voluntary carbon market? Ilaria Dibattista , Mira Manini Tiwari, Matteo Mazzarano, Valentina Niccolucci, Simone Bastianoni, Simone Borghesi	Discussant: Paola Ovando
	18.30-19.00	Forest management for water stress mitigation under climate change: an economy-wide multisectoral approach Iban Ortuzar, Àngels Xabadia , Javier Zabalza	Discussant: João Vaz Patto
PARALLEL SESSION III.2 Environmental Policy III Moderator: Inmaculada Martínez-Zarzoso	17.00-17.30	Can Anti-ESG policy protect targeted industries from divestment? Jonah James Allen	Discussant: Inmaculada Martínez-Zarzoso
	17.30-18.00	The role of institutions to mitigate the impacts of climate change Encarna Esteban , Sara Calvo, Yolanda Martínez	Discussant: Antonia Pacelli
	18.00-18.30	Emissions abatement and the EU ETS: testing the porter hypothesis Antonia Pacelli	Discussant: Encarna Esteban
	18.30-19.00	Environmental regulations and green innovation: the role of trade and technology transfer Corinne Langinier, Inmaculada Martínez-Zarzoso , Amrita Ray Chaudhuri	Discussant: Jonah James Allen
PARALLEL SESSION III.3 Agricultural Policy Moderator: Julia de Frutos Cachorro	17.00-17.30	Building a typology of farms based on their performance. A tool to support agricultural policy-making José A. Gómez-Limón , Jaime Martín-García, Rubén Granado-Díaz	Discussant: Julia de Frutos Cachorro
	17.30-18.00	Comparative economic analysis between natural grazing and mechanical scenarios for biomass regulation and fire prevention Ângela Ferreira , Catarina Roseta-Palma, Vânia Proença	Discussant: Sam Sundar Singh
	18.00-18.30	Determining the economic value of irrigation water in the Pennaiyar River basin, Tamil Nadu, India: the Cobb-Douglas Residual Value Method Sam Sundar Singh , Parthasarathy Ramachandran	Discussant: Ângela Ferreira
	18.30-19.00	Farmers' adaptive investments and groundwater resource impact in a changing climate Julia de Frutos Cachorro , Lucia Sbragia	Discussant: José A. Gómez-Limón
PARALLEL SESSION III.4 Climate Change and Extreme Events Moderator: Laura Schmitz	17.00-17.30	Factors for CSR investment in environmental conflicts Daniel Cardona, Jenny De Freitas , Antoni Rubí-Barceló	Discussant: Laura Schmitz
	17.30-18.00	Climate-food-violence nexus: a scoping review Nicolò Gebbani , Shouro Dasgupta, Elizabeth Robinson	Discussant: Angel Bujosa Bestard
	18.00-18.30	Heat and intimate partner violence Laura Schmitz , Adrian Santonja, Judit Vall	Discussant: Jenny De Freitas

PARALLEL SESSION IV - Friday, September 6th, 09.00-11.00

PARALLEL SESSION IV.1 Environmental Agreements Moderator: Michael Finus	09.00-09.30	International environmental agreements in the presence of adaptation and self-image Michele Breton, Lucia Sbragia	Discussant: Michael Finus
	09.30-10.00	Tipping the economy towards cooperation: homo moralis revisited Jorge Marco , Renan Goetz	Discussant: Mengxi Xie
	10.00-10.30	Monitor the monitoring: partial environmental monitoring automation and induced innovation Mengxi Xie , Shin-Ren Pan, Sandra Rousseau	Discussant: Jorge Marco
	10.30-11.00	International environmental agreements with fixed costs Michael Finus , Francesco Furini	Discussant: Lucia Sbragia
PARALLEL SESSION IV.2 Environmental Policy IV Moderator: Montserrat Viladrich-Grau	09.00-09.30	The choice of mechanism for biodiversity offsetting Jessica Coria, Ville Inkinen, João Vaz	Discussant: Montserrat Viladrich-Grau
	09.30-10.00	Adaptation and environmental policy: Is their coexistence welfare improving? Ana Espinola-Arredondo, Felix Muñoz-Garcia, Françeska Tomori	Discussant: Bernd Theilen
	10.00-10.30	Green parties and the quest for biodiversity: the political economy of scal commitments in OECD economies Helmut Herwartz, Bernd Theilen	Discussant: Françeska Tomori
	10.30-11.00	Agglomeration payment schemes protecting natural resources on farmland Esther Estruch-Bosch, Montserrat Viladrich-Grau	Discussant: João Vaz
PARALLEL SESSION IV.3 Climate Change Impact Moderator: Alberto Charrua	09.00-09.30	Measuring economic activity and climate change at the sub national level in Nigeria Samuel Chibuzor Umeh , Luis A. Gil-Alana, Francisco de Vitoria, Anil Markandya	Discussant: Alberto Charrua
	09.30-10.00	Ecosystems in WEFE nexus planning enhance water security and biodiversity for climate resilience Safa Baccour , Jose Albiac, Frank Ward, Taher Kahil, Encarna Esteban, Javier Uche, Elena Calvo	Discussant: Federico Roscioli
	10.00-10.30	Measuring sustainable development progress in Peru using a multivariate latent Markov models Federico Roscioli , Alessio Farcomeni, Daniele Malerba, Alessio D'Amato	Discussant: Safa Baccour
	10.30-11.00	Modelling the present and future distribution of mangrove species in cyclone prone area: a situational analysis of Mozambique Alberto Charrua , Maria Antonieta Cunha e Sá, Margarida Ortigão, Pedro Cabral, Maria M. Romeiras	Discussant: Samuel Chibuzor Umeh
PARALLEL SESSION IV.4 Energy II Moderator: Mattias Vesterberg	09.00-09.30	Assessing the costs and benefits of the iberian exception in electricity market design: an agent-based approach Luisa Nobre	Discussant: Mattias Vesterberg
	09.30-10.00	Memory effect of appliance rebate programme: evidence from a lab experimente María del Mar Solà , Amaia de Ayala, Marta Escapa, Ibon Galarraga	Discussant: David Silva
	10.00-10.30	Assessing the location-specific levelised cost of energy for offshore wind: the case of the western coast of Portugal David Silva	Discussant: María del Mar Solà
	10.30-11.00	The effect of electricity prices on individual preferences for climate and energy policy: evidence from Sweden Petyo Bonev, Magnus Söderberg, Mattias Vesterberg	Discussant: Luisa Nobre