

VII AERNA Conference

5-7 September 2016



Spanish-Portuguese Association
of Natural and Environmental
Resources Economics

Final Programme



Universidade Aveiro, DEGEIT, Portugal

Monday, 5th

12:30 - 14:00 Registration

14:00 - 14:40 Opening ceremony

José Fernando Mendes, UA Vice - Rector
Carlos Costa, DEGEIT Director
Eduardo Anselmo de Castro, GOVCOPP
Margarita Robaina, Conference Chair

Room 23.1.5

14:40 - 16:10 *Plenary session I*

Room 23.1.5

Xavier Labandeira, "25 years of European Climate Policies"

16:10 - 16:30 Coffee break

Room 23.3.15

16:30 - 18:30 Parallel sessions I

Parallel Session I – A: Social and economic Issues

Room 23.3.9

Chair: Antoni Riera Font		
Authors	Paper Title	Discussant
Marcella Veronesi , Shelby Gerking, Wiktor Adamowicz, Mark Dickie	Baseline Risk and Marginal Willingness to Pay for Health Risk Reduction	Isabel P. Albaladejo
María Pilar Martínez García, Isabel P. Albaladejo	Tourism, environment and growth in an economy with public abatement activities	Marcella Veronesi
Vladimir Otrachshenko , Maria A. Cunha-e-Sá, Rita Freitas, Luís C. Nunes	The Impact of "Big Waves" in Nazaré on the Local Economy	Jacob Macdonald
Jacob Macdonald , Sofia F. Franco	Tree Canopies, Urban Green Amenities and the Residential Real Estate Market: Remote Sensing and Spatial Hedonic	Francois Cohen
Francois Cohen , Antoine Dechezleprêtre	Temperature, Mortality and Income Inequality: Evidence from Mexico	Vladimir Otrachshenko

Chair: Catarina Roseta Palma		
Authors	Paper Title	Discussant
Marcos Pérez , M. Dolores G. Gil, Manuel M. Lafuente, Juan C. Surís-Regueiro	Modelo Multiespecífico para la Merluza y el Lirio en los Caladeros Comunitarios	Luís Campos Rodrigues
Pilar Gracia de Rentería , Ramón Barberán, Jesús Mur	Urban water demand for economic activities. A microdata analysis	Marcos Pérez
Joana Ferreira , Ana I. Miranda, Carlos Silveira, Hélder Relvas, Peter Roebeling, Myriam Lopes, Carlos Borrego	Cost-benefit analysis of air quality improvement strategies using two conceptual approaches: scenario analysis and optimization	Henrique Monteiro
Henrique Monteiro , R. Martins, J. Ramalho, E. Ramalho	The impact of price and consumption awareness on residential water demand	Pilar Gracia de Rentería
Luís C. Rodrigues , van den Bergh J.C.J.M., Massa F., Theodorou J.A., Ziveri P., and Gazeau F.	Sensitivity of Mediterranean Bivalve Mollusc Aquaculture to Climate Change, Ocean Acidification and Other Environmental Pressures	Joana Ferreira

18:45 Guided tour to Museu Santa Joana and welcome reception

Tuesday, 6th

9:00 - 11:00 Parallel sessions II

Parallel Session II – A: Fisheries and marine resources

Room 23.3.9

Chair: Marta Ferreira Dias		
Authors	Paper Title	Discussant
Pedro Pintassilgo , Marita Laukkanen, Lone G. Kronbak, Marko Lindroos	International Fisheries Agreements and Non-consumptive Values	Manuel P. Coelho
Maria Jose Gutierrez , J. Da-Rocha, F. García-Cutrín	Fishery stock status theory revisited	Pedro Pintassilgo
Manuel Pacheco Coelho	Governance of Marine Fisheries: Lessons from the “Turbot War” Case	Maria Jose Gutierrez
Maria Alló , Maria Loureiro	Promoting conservation in shellfish fisheries: the impact of poaching on time preferences	Renato Rosa
Renato Rosa , João Vaz, Rui Mota, Alexandra Silva	Optimal harvesting of fish populations under risk of impaired recruitment: The Case of the Ibero-Atlantic Sardine Fishery	Maria Alló

Parallel Session II – B: Environmental valuation and climate change

Room 23.3.10

Chair: Mara Madaleno		
Authors	Paper Title	Discussant
Santiago J. Rubio	Sharing R&D Investments in Breakthrough Technologies to Control Climate Change	Carmen Arguedas
Carmen Arguedas , Francisco J. André	Technology Adoption Effects in Emission Trading Programs with Market Power	Lorena Remuzgo
Lorena Remuzgo , Carmen Trueba, José María Sarabia	Multidimensional Polarization in the global level of GHG Emissions	Santiago J. Rubio
Angel Bujosa Bestard , Antoni	Framing decisions in uncertain	Sébastien Foudi

Riera Font, Catalina M. Figuerola	scenarios: an analysis of tourists' preferences for climate change policies	
Sébastien Foudi , Yoro Sidibéa, Unai Pascual, Mette Termansen	Climate change implication for soil biodiversity conservation: A bio-economic modelling approach	Angel Bujosa Bestard

11:00 – 11:30 Coffee break

Room 23.3.15

11:30 – 13:00 *Plenary session II:*

Room 23.1.5

Sjak Smulders, “Growth, Degrowth, and the Environment”

13:00 - 14:30 Lunch

14:30 - 16:00 Parallel sessions III

Parallel Session III – A: Agricultural economics

Room 23.3.9

Chair: Margarita Robaina		
Authors	Paper Title	Discussant
Pablo Campos Palacín , Paola Ovando, Bruno Mesa, José L. Oviedo	Environmental Income of Livestock Grazing on Privately-Owned Silvopastoral Farms in Andalusia, Spain	Julia de Frutos Cachorro
Julia de Frutos Cachorro , Anne Gobin, Jeroen Buysse	Changes in arable land-use choice under climate change	Pablo Campos Palacín
Montserrat Viladrich , Esther Estruch Bosch, Nuria Oses-Eraso	Protecting biodiversity on farm land: Which type of agri-environmental measure does it better?	Catarina Roseta Palma
Catarina Roseta Palma , Mabel Tidball, Agnes Tomini	Groundwater and agroecosystems with backstop availability	Montserrat Viladrich

Chair: Manuel Coelho		
Authors	Paper Title	Discussant
Itziar Ruiz de Gauna , José L. Oviedo, Alejandro Caparrós, Pablo Campos	Testing Convergent Validity in Choice Experiments: Application to public recreation in Spanish stone pine and cork oak forests	Débora Santiago
Débora Santiago , Elke Urbanavicius Costanti	The role of FSC certification to maintain sustainability in the Amazon: the case of Precious Woods Amazon Company	Itziar Ruiz de Gauna
José L. Oviedo , Hong Il Yoo	A latent class nested logit model for rank-ordered data with application to cork oak reforestation	Maria Loureiro
Maria Alló, Maria Loureiro	Are principles of collective action being applied in forest management?	José L. Oviedo

Chair: Mónica Meireles		
Authors	Paper Title	Discussant
Tom Willaert, Margarida Ortigão	Mapping Stakeholders' Perception of Marine and Coastal Ecosystem Services (MCES) for Marine Spatial Planning	Pedro J. Moreno
José L. Oviedo, Alejandro Caparrós, Pedro J. Moreno	Logit models of land use choice: the effect of agricultural policy, regulation and climate change on land use in Andalucía (Spain)	Margarida Ortigão
José Rodolfo Morales , María Pilar Martínez-García	Resource Effects in the 'Core-Periphery' Model	Renan Goetz
Renan Goetz , Ujjayant Chakravorty	Natural Resource Management: Coalitions, Stock Effects and Congestion	José Rodolfo Morales

16:00 - 16:15 Coffee break

Room 23.3.15

16:15 - 17h30 **Special Session APEEN**

Room 23.1.5

Circular Economy: challenges and opportunities in R&I

16:00	Welcome Anabela Carvalho, GPPQ (FCT/ANI)
16:15	National success stories and trend lines within the circular economy landscape Diana Nicolau, Smart Waste Portugal Association João Nunes, BLC3 José Carlos Amador, Martifer Solar
16:45	Circular economy as an innovation booster at the Centre region of Portugal – RIS 3 challenges and opportunities Ana Abrunhosa, CCDRc
17:05	Circular Economy vs Green Economy: R&I funding opportunities in Horizon 2020 Carlos Borrego, Horizon 2020 Portuguese National Delegate
17:25	Discussion & Networking Coffee-Break
17:45	Closure

17:30 - 18:30 AERNA General Assembly

19:30 - Moliceiro Trip and Conference dinner

Wednesday, 7th

9:10 - 10:40 Parallel sessions IV

Parallel Session IV – A: Game Theory and Strategic Behavior**Room 23.3.9**

Chair: Pedro Pintassilgo		
Authors	Paper Title	Discussant
Marieta Valente, <u>Maria Eduarda Fernandes</u>	Credence goods in the presence of externalities in consumption: an economics experiment on information asymmetries and seller labels	Esther Blanco
<u>Esther Blanco</u>	To mitigate or to adapt? Collective action under asymmetries in vulnerability to losses.	Maria Eduarda Fernandes
<u>Peter Martinsson</u>	Triggering cooperation	Rui Gama Mota
<u>Rui Gama Mota</u> , Maria A. Cunha-e-Sá	Human capital and total factor productivity in comprehensive accounting models: Data for the UK, 1970 – 2010	Peter Martinsson

Parallel Session IV – B: Energy Policies**Room 23.3.10**

Chair: Renato Rosa		
Authors	Paper Title	Discussant
<u>Tiago Afonso</u> , António Cardoso Marques, José Alberto Fuinhas	The Interaction between electricity generation sources and economic activity: Evidence from Estonia and Sweden	Luís Martins
<u>Luís Martins</u>	Cost-Benefit Analysis of Household (Domestic) Heating Options: Case Study of Aveiro	Norbert Ladoux

Norbert Ladoux , Milan Scasny	Energy Price and Redistribution in Czech Republic	Tiago Afonso
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10:40 - 11:00 Coffee break

Room 23.3.15

11:00 - 12:30 Parallel sessions V

Parallel Session V – A: Environmental Policies

Room 23.3.9

Chair: Victor Moutinho		
Authors	Paper Title	Discussant
María Román , Iñaki Arto, Alberto Ansuategi	What determines the magnitude of the economic impact of climate finance in recipient countries? A structural decomposition of value added creation between countries.	Mónica Meireles
Mónica Meireles , Isabel Soares, Oscar Afonso	Incentive Instruments of Environmental Policy in a growth model with Dirty and Clean Technologies	María Román
Susana Silva , Isabel Soares, Oscar Afonso	A new environmental tax reform with promotion of resource substitution	María Pilar Martínez-García
Francisco Cabo, Guiomar Martín-Herran, María Pilar Martínez-García	Non-constant discounting and pollution abatement in an endogenous growth model	Susana Silva

Parallel Session V – B: Renewable Energy

Room 23.3.10

Chair: Carmen Arguedas		
Authors	Paper Title	Discussant
Henrique Monteiro , Kateryna Kochergina	The energy-growth nexus: further evidence from disaggregate renewable energy sources	Flávio Serras

<p><u>Flávio Serras</u>, António Cardoso Marques, José Alberto Fuinhas</p>	<p>Peak load, net load and value of lost load challenges in faced to the suitable energy mix in the presence of new renewables integration: A literature review</p>	<p>Henrique Monteiro</p>
<p><u>Claudiano Neto</u>, Johannes Klingberg, Jorge Madeira Nogueira, Camille Amorim Costa Santos</p>	<p>Quão verde é a energia azul? uma análise do desacoplamento e da ecoeficiência na geração de energia hidroelétrica no Brasil</p>	<p>Ana Faria Lopes</p>
<p><u>Ana Faria Lopes</u>, Maria A. Cunha-e-Sá</p>	<p>The Economic Potential Value of Near- and Offshore Wind Energy: An Application to the Portuguese Western Coast</p>	<p>Claudiano Neto</p>

12:30 - 13:00 Closing session

Room 23.1.5

Anabela Botelho Veloso, DEGEIT, GOVCOPP
Antoni Riera, AERNA President

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