




PROGRAM

Thursday, September 1st

13:30-15:00	Lunch and registration
15:00-16:30	Opening Ceremony and Plenary Session (Room: Aula Magna)
	SDGs-based Transformations: The Science-Policy-Human Behavior Interface Prof. Phoebe Koundouri
16:30- 17:00	Coffee Break
17:00-19:00	Parallel session 1
20:30-22:30	Cocktail reception Edifici Històric (UB) Gran Via de les Corts Catalanes, 585

Friday, September 2nd

8:30-9:00	Registration
9:00-11:00	Parallel session 2
11:00-11:30	Coffee Break
11:30- 13:30	Parallel session 3
13:30-15:00	Lunch
15:00-16:00	Plenary Session (Room: Aula Magna) On the optimal taxation of common pool non-renewable resources  Prof. Hassan Benchekroun
16:00-16:30	Coffee Break
16:30-18:00	Parallel session 4
18:00-19:00	General assembly and Awards (Room: Aula Magna)
21:00	Conference dinner La Gavina restaurant Plaça de Pau Vila, 1

Saturday, September 3rd

9:00-11:00	Parallel session 5
11:00-11:30	Coffee Break
11:30- 13:00	Parallel session 6

Organized by:



UNIVERSITAT DE BARCELONA



With the support of:



Departament de Matemàtica Econòmica, Financera i Actuarial

PARALLEL SESSIONS

Thursday, September 1st

**PARALLEL
SESSION 1**

**THURSDAY
17:00 – 19:00**

<p>PARALLEL SESSION 1.1: Agriculture and land-use</p> <p>Moderator: Sánchez, Germán</p> <p>Room: 1017</p>	17:00 - 17:30	The value of climate information in agriculture Niccolò Parissi	Discussant: Germán Sánchez	
	17:30 - 18:00	Climate change impact on crop yields and irrigation demands: An application to the Lleida Plain Germán Sánchez , Montserrat Viladrich	Discussant: Julen Perales	
	18:00 - 18:30	Modelling land use change patterns from a regional perspective: the case of Navarra Julen Perales , Emilio Domínguez, Nuria Osés, María Jesús Campión	Discussant: Enrique Tocados	
	18:30 - 19:00	Impacts of long-term crop pattern change on water supply risks: The case of the Guadalquivir river basin (Spain) Enrique Tocados , Julio Berbel, Alfonso Expósito	Discussant: Niccolò Parissi	
	<p>PARALLEL SESSION 1.2: Resource management I</p> <p>Moderator: De Donder, Philippe</p> <p>Room: 1018</p>	17:00 - 17:30	Fish War Models with Asymmetric Players and Quasi-Hyperbolic Discount Functions Joakim Alderborn , Jesús Marín-Solano	Discussant: Pedro Pintassilgo
		17:30 - 18:00	Bioeconomic modelling of a multispecies small-scale fishery system Eric Zettermann Dias de Azevedo, Pedro Pintassilgo , David Valença Dantas, Fábio Gonçalves Daura-Jorge	Discussant: Philippe De Donder
		18:00 - 18:30	When electricity provision becomes unreliable Catherine Bobtcheff, Philippe De Donder , François Salanié	Discussant: Joakim Alderborn
	<p>PARALLEL SESSION 1.3: Energy I</p> <p>Moderator: Santoja, Adrián</p> <p>Room: 1020</p>	17:00 - 17:30	Wind Turbines and the Housing Market Carsten Andersen, Timo Hener	Discussant: Luísa Nobre
		17:30 - 18:00	Does water scarcity increase CO2 emissions? Evidence from MIBEL Luísa Nobre	Discussant: Santiago Bohórquez,
		18:00 - 18:30	Targeting of Energy Efficiency Subsidies in the Dutch Residential Market Santiago Bohórquez , Dirk Brounen, Daan van Soest	Discussant: Adrián Santonja
		18:30 - 19:00	Effectiveness and Heterogeneous Effects of Purchase Grants for Electric Vehicles: Evidence from Germany Peter Haan, Adrián Santonja , Aleksandar Zaklan	Discussant: Timo Hener

PARALLEL SESSIONS

Friday, September 2nd

**PARALLEL
SESSION 2**

**FRIDAY
9:00 – 11:00**

<p>PARALLEL SESSION 2.1: Water I</p> <p>Moderator: André, Francisco J.</p> <p>Room: 1017</p>	9:00 - 9:30	Water scarcity and agricultural pollution assessment in the Ebro River Basin using hydroeconomic modeling Safa Baccour , Jose Albiac, Taher Kahil, Encarna Esteban, Daniel Crespo, Ariel Dinar	Discussant: Benjamin Ouvrard	
	9:30 - 10:00	Distributive Justice in the Field: How Indian Farmers Share Water? Benjamin Ouvrard , Arnauld Reynaud, Stéphane Cezera, Alban Thomas, Murudaiah Shivamurthy, Dishant Jojit James	Discussant: Iban Ortuzar	
	10:00 - 10:30	Macroeconomic impacts of water allocation under climate change induced droughts. Accounting for global supply chains in a multiregional context Iban Ortuzar , Ana Serrano, Àngels Xabadia	Discussant: Francisco J. André	
	10:30 - 11:00	Water efficiency and its determinants in the Spanish regions. A Data Envelopment Analysis (DEA)—Tobit Analysis Asensio Buendía, Francisco J. André , Emilio Cerdá	Discussant: Safa Baccour	
	<p>PARALLEL SESSION 2.2: Environmental agreements</p> <p>Moderator: Rubio, Santiago</p> <p>Room: 1018</p>	9:00 - 9:30	Self-image and the Stability of International Environmental Agreements Lucia Sbragia , Michèle Breton	Discussant: Anna Viktoria Rohrer
		9:30 - 10:00	Adaptation-Emission Games: Myth and Truth Michael Finus, Anna Viktoria Rohrer	Discussant: Margherita Bellanca
		10:00 - 10:30	Too Different to Get Along: Inequality and International Environmental Agreements Margherita Bellanca , Alessandro Spiganti	Discussant: Santiago Rubio
		10:30 - 11:00	Climate Clubs, Carbon Adjustment and Trade Wars Miguel Borrero, Santiago Rubio	Discussant: Lucia Sbragia
	<p>PARALLEL SESSION 2.3: Taxation I</p> <p>Moderator: Arguedas, Carmen</p> <p>Room: 1020</p>	9:00 - 9:30	Strategic Taxation and Consumption Emission Leakage Michael S. Michael , Panos Hatzipanayotou, Nikos Tsakiris	Discussant: Guiomar Martín-Herrán
		9:30 - 10:00	Environmental regulation and tax evasion when the regulator has incomplete information Francisco Cabo, Guiomar Martín-Herrán , Laís Ramos	Discussant: Panos Hatzipanayotou
		10:00 - 10:30	Tradable Emission Permits and Strategic Capital Taxation Panos Hatzipanayotou , Michael S. Michael, Nikos Tsakiris	Discussant: Carmen Arguedas
		10:30 - 11:00	Environmental Taxes under Economies of Scale Carmen Arguedas , Yu Pang	Discussant: Michael S. Michael
	<p>PARALLEL SESSION 2.4: Energy II</p> <p>Moderator: Enrich, Jacint</p> <p>Room: 1021</p>	9:00 - 9:30	Social acceptance of wind energy: A choice experiment Stated Preference Efficient Design for Italy Diana Caporale, Caterina De Lucia , Pasquale Pazienza	Discussant: José Riascos
		9:30 - 10:00	Energy Transition Metals and Economic Development in Latin America José Riascos , Camélia Turcu, Grégory Leveigue, Sabine Bacouël-Jentjens	Discussant: Stephanie Mosquera-López
		10:00 - 10:30	Pricing the risk due to weather conditions in small variable renewable energy projects Stephanie Mosquera-López , Jorge M. Uribe	Discussant: Jacint Enrich
		10:30 - 11:00	Measuring the Impact of Time-of-Use pricing on electricity consumption: Evidence from Spain Jacint Enrich , Ruoyi Li, Alejandro Mizrahi, Mar Reguant	Discussant: Caterina De Lucia

PARALLEL SESSIONS

Friday, September 2nd

**PARALLEL
SESSION 3

FRIDAY
11:30 – 13:30**

<p>PARALLEL SESSION 3.1: Game theory</p> <p>Moderator: Cabo, Francisco</p> <p>Room: 1017</p>	11:30 - 12:00	Water and surface choice in a dynamic setting Mabel Tidball, Katrin Erdlenbruch	Discussant: José R. Morales
	12:00 - 12:30	Energy Dependence in a Footloose Capital Model José R. Morales	Discussant: Carles Mañó-Cabello
	12:30 - 13:00	Being Human: Endogenous Growth, the Environment, Pollution and Non-Constant Discounting Carles Mañó-Cabello	Discussant: Francisco Cabo
	13:00 - 13:30	Positional concerns in public goods: Private contributions and social welfare Francisco Cabo, Alain Jean-Marie, Mabel Tidball	Discussant: Katrin Erdlenbruch
<p>PARALLEL SESSION 3.2: Economic Experiments</p> <p>Moderator: Blanco, Esther</p> <p>Room: 1018</p>	11:30 - 12:00	Crowdfunding vs. Taxes: Does the payment vehicle influence WTP for Ecosystem Services protection? Carina Vieira da Silva, Margarida Ortigão , Til Dietrich, Ana Faria, Luís Catela Nunes, Renato Rosa, Maria Antonieta Cunha-e-Sá	Discussant: Yen E. Lam-González
	12:00 - 12:30	Assessing new ecotourism opportunities in European OR destinations after Covid-19 Chaitanya Suárez-Rojas, Matías M. González, Carmelo J. León, Yen E. Lam-González	Discussant: Jose Davila
	12:30 - 13:00	Valuing biodiversity conservation fulfilling NOAA requirements in a Megabiodiverse Country: the case of Manu NPA in Peru Jose Davila , Felipe Vásquez-Lavin, Carlos Orihuela Romero, Daniel Ponce, Karol Lavado	Discussant: Esther Blanco
	13:00 - 13:30	Experimental evidence on donations changing the productivity of public good provision Natalie Struwe, Esther Blanco , James M. Walker	Discussant: Margarida Ortigão
<p>PARALLEL SESSION 3.3: Ecosystems and biodiversity</p> <p>Moderator: Caparros, Alejandro</p> <p>Room: 1020</p>	11:30 - 12:00	Public Perceptions on Biodiversity Offenses Sandra Rousseau	Discussant: Raymundo Jesús Mogollón
	12:00 - 12:30	Does willingness to pay for biodiversity conservation change in a COVID19 context? Raymundo Jesús Mogollón , Carlos Orhiehuela, Felipe Vasquez, Víctor Trejo	Discussant: João Seixo
	12:30 - 13:00	The Economic Value of Land-Based Ecosystem Services in Portugal: A Spatially Explicit Approach João Seixo , Carina Vieira da Silva; Filipe S. Campos, Pedro Cabral, Luís Catela Nunes, Maria Antonieta Cunha-e-Sá	Discussant: Alejandro Caparros
	13:00 - 13:30	Simulated Exchange Values in SEEA EA 2021: Monopolistic competition, non-market valuation and ecosystem accounting Alejandro Caparros	Discussant: Sandra Rousseau
<p>PARALLEL SESSION 3.4: Pollution and Growth</p> <p>Moderator: Martínez-García, María Pilar</p> <p>Room: 1021</p>	11:30 - 12:00	Consumption-based versus production-based CO2 emissions: drivers of carbon leakage between countries Margarita Robaina , Maria Inês Cunha	Discussant: Arnaud Goussebaïle
	12:00 - 12:30	Overlapping Generations, Climate Change and Democratic Policies Arnaud Goussebaïle	Discussant: Birgit Kirschbaum-Behl
	12:30 - 13:00	Pollution Driven Uncertainty and environmental policy in an Endogenous Growth Model Birgit Kirschbaum-Behl , Susanne Soretz	Discussant: María Pilar Martínez-García
	13:00 - 13:30	Pollution Diffusion and Population migration in a NEG Model María Victoria Caballero, María Pilar Martínez-García , José R. Morales	Discussant: Margarita Robaina

PARALLEL SESSIONS

Friday, September 2nd

**PARALLEL
SESSION 4**

**FRIDAY
16:30 – 18:00**

**PARALLEL SESSION
4.1:
Environmental
policy**

**Moderator:
Goetz, Renan**

Room: 1017

**PARALLEL SESSION
4.2:
Natural resource
management II**

**Moderator:
Ovando, Paola**

Room: 1018

**PARALLEL SESSION
4.3:
Taxation II**

**Moderator:
Teixidó, Jordi**

Room: 1020

16:30 - 17:00

Green Technologies, Environmental Policy and Regional Growth
Philip Kerner, Torben Klarl, Tobias Wendler

Discussant:
Juan Carlos Bárcena-Ruiz

17:00 - 17:30

Environmental corporate social responsibility, R&D and disclosure of “green” innovation knowledge
Juan Carlos Bárcena-Ruiz, María Begoña Garzón, Amagoia Sagasta

Discussant:
Renan Goetz

17:30 - 18:00

Policy design in the context of multiple pollutants and regulators
Renan Goetz, Àngels Xabadia, David Ziberman

Discussant:
Philip Kerner

16:30 - 17:00

Institutions and the Natural Resource - Economic Growth Nexus
Philip Kerner, Martin Kalthaus, **Tobias Wendler**

Discussant:
Elena Górriz

17:00 - 17:30

Estimación de los Costes de Provisión de la Biodiversidad Forestal: propuesta metodológica y caso de estudio en Cataluña
Elena Górriz

Discussant:
Paola Ovando

17:30 - 18:00

Forest management and natural capital with an application to Mediterranean silvopastoral systems
P. Ovando, S. M. Olivera, C. Rodríguez-Lucatero, G. Atkinson

Discussant:
Tobias Wendler

16:30 - 17:00

The network effects of carbon pricing
Emanuele Campiglio, **Hubert Massoni**, Stefan Trsek

Discussant:
Belén Inguanzo

17:00 - 17:30

Reducing Spanish anthropogenic environmental impact through food taxes
Belén Inguanzo, María José Gutiérrez, Susan Orbe

Discussant:
Jordi Teixidó

17:30 - 18:00

Carbon Leakage from Road Transportation: Evidence from a Natural Experiment
X. Labandeira, J.M. Labeaga, F.J. Palencia, **J.J. Teixidó**

Discussant:
Hubert Massoni

PARALLEL SESSIONS

Saturday, September 3rd

**PARALLEL
SESSION 5**

**SATURDAY
9:00 – 11:00**

<p>PARALLEL SESSION 5.1: Environmental regulation</p> <p>Moderator: Granero, Lluís M.</p> <p>Room: 1017</p>	9:00 - 9:30	Factors for CSR investment under environmental conflicts Daniel Cardona, Jenny De Freitas , Antoni Rubí-Barceló	Discussant: Françeska Tomori	
	9:30 - 10:00	The impact of environmental regulatory capture on innovation and emissions: The case of the automobile industry Bernd Theilen, Françeska Tomori	Discussant: Luisa Giallonardo	
	10:00 - 10:30	Green Consumerism and Firms' Environmental Behaviour under Monopolistic Competition: A Two-sector Model Luisa Giallonardo , Marcella Mulino	Discussant: Lluís M. Granero	
	10:30 - 11:00	Environmental regulation with green consumers, clean technologies, and endogenous market structure Begoña Casino, Lluís M. Granero	Discussant: Jenny De Freitas	
	<p>PARALLEL SESSION 5.2: Climate I</p> <p>Moderator: Costa, Leonardo</p> <p>Room: 1018</p>	9:00 - 9:30	The impact of wildfires on assets and employment Marta C. Lopes, Maria Inês Carvalho Póvoa	Discussant: Mariagrazia D'Angeli
		9:30 - 10:00	Climate Change, Armed Conflicts and Resilience Mariagrazia D'Angeli , Giovanni Marin, Elena Paglialonga	Discussant: Luis Guillermo Becerra-Valbuena
		10:00 - 10:30	Climatic shocks, air quality, and health at birth in Bogotá Luis Guillermo Becerra-Valbuena , Jorge A. Bonilla	Discussant: Leonardo Costa
		10:30 - 11:00	Climate action plans in Porto Atlantic Font municipalities: A comparison with the best municipal international practices Alexandra Leitão, Leonardo Costa , Conceição Silva	Discussant: Maria Inês Carvalho Póvoa
	<p>PARALLEL SESSION 5.3: Pollution and policy instruments</p> <p>Moderator: Remuzgo, Lorena</p> <p>Room: 1020</p>	9:00 - 9:30	Pink is the new green: investigating the effect of female household headship in GHG emissions embedded in consumption Francisca Toro , Esteban Fernández-Vázquez, Mònica Serrano	Discussant: Mariia Murasheva
		9:30 - 10:00	The Impact of Local Pollution Exposure on Hospital Admissions: Case of Lisbon Metropolitan Area Mariia Murasheva	Discussant: Leon Bremer
		10:00 - 10:30	The EU ETS's time-varying impact on Competitiveness and Investments: Evidence from Dutch Manufacturing Leon Bremer , Konstantin Sommer	Discussant: Lorena Remuzgo
		10:30 - 11:00	Determinants of inequality in historical per capita CO2 emissions in the European Union: the role of the energy transition process Lorena Remuzgo , Marta Escapa, Mikel González-Eguino, José Manuel Chamorro	Discussant: Francisca Toro

PARALLEL SESSIONS

Saturday, September 3rd

**PARALLEL
SESSION 6**

**SATURDAY
11:30 – 13:00**

<p>PARALLEL SESSION 6.1: Agriculture II</p> <p>Moderator: Manotas-Hidalgo, Beatriz</p> <p>Room: 1017</p>	11:30 - 12:00	An Experimental Comparison of Target and Budget Constraints in Conservation Auctions Adrien Coiffard , Raphaële Préget, Mabel Tidball	Discussant: Sonia Quiroga	
	12:00 - 12:30	Analysing post-conflict policies to enhance socio-ecological restoration among black communities in Southern Colombia: Cacao cropping as a win-win strategy Sonia Quiroga , Cristina Suárez, Virginia Hernanz, José Evelio Aguiño, Juan F. Fernández-Manjarrés	Discussant: Beatriz Manotas-Hidalgo	
	12:30 - 13:00	Addressing Oil Spills and Agricultural Productivity. Evidence of Pollution in Nigeria Beatriz Manotas-Hidalgo	Discussant: Adrien Coiffard	
	<p>PARALLEL SESSION 6.2: Water II</p> <p>Moderator: Xabadia, Angels</p> <p>Room: 1018</p>	11:30 - 12:00	Integrating Ecosystems Benefits in Water Allocation Management: Application to the Ebro Basin Daniel Crespo , José Albiac, Ariel Dinar, Encarna Esteban, Taher Kahil	Discussant: Lennart Vogelsang
		12:00 - 12:30	Assessing the cost-effectiveness of Nature-Based Solutions under climate change uncertainty and learning: the case of the Oldambt-Eemskanaal-Dollardboezem water system in the Netherlands Lennart Vogelsang , Hans-Peter Weikard, Jantsje M. van Loon-Steensma, Birgit Bednar-Friedl	Discussant: Àngels Xabadia
		12:30 - 13:00	Efficiency and equity considerations in water allocation during a drought. A non-linear optimisation input-output approach Iban Ortuzar, Ana Serrano, Àngels Xabadia	Discussant: Daniel Crespo
	<p>PARALLEL SESSION 6.3: Climate II</p> <p>Moderator: Albalate, Daniel</p> <p>Room: 1020</p>	11:30 - 12:00	Out in the Cold: Effect of Temperature Shocks on Evictions Ana Varela Varela	Discussant: Ana Sanchez Chico
		12:00 - 12:30	International attitudes on climate change and climate policies Antoine Dechezleprêtre, Adrien Fabre, Tobias Kruse, Bluebery Planterose, Ana Sanchez Chico , Stefanie Stantcheva	Discussant: Daniel Albalate
		12:30 - 13:00	Ageing lessens ambition: The influence of aging on climate policy Daniel Albalate , Germà Bel, Jordi Teixidó	Discussant: Ana Varela Varela