

EAERE Conference 2022

Rimini - Italy, June 28th-July 1st, 2022

27TH ANNUAL CONFERENCE

PROGRAMME

(Last updated on June 21, 2022)

organized by





27th Annual Conference of the European Association of Environmental and Resource Economists

Palacongressi of Rimini June 28th-July 1st, 2022

www.eaere-conferences.org/2022

organized by





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Welcome from the EAERE President

Dear EAERE friends and colleagues,

Welcome to the 27th Annual Conference of the European Association of Environmental and Resource Economists! After two years of very successful virtual conferences thanks to the talent and devotion of the amazing Berlin team lead by Georg Meran and Klaus Eisenack, it is with great pleasure that I welcome every one of you to this year's, in person, Annual Conference.

Over 1,200 papers were submitted and 532 have been selected for inclusion in the final programme. I am delighted to see that the enthusiasm for our conference series remains high: this Annual Conference counts over 700 participants, which is a great result considering the uncertainties linked to the pandemic and the current geopolitical situation.

For this I would like to deeply thank our colleagues and friends at the University of Bologna who - despite the need to move the conference by a year (the original plan was to gather in Rimini in 2021) and the uncertainties that have arisen over the last two years - accepted the challenge of organising our 27th Annual Conference. Sincere thanks to the University of Bologna and the entire Local Organising Committee chaired by Alessandro Tavoni. It was a huge effort, and we are very grateful for all the time and work they generously offered to our community. Our warmest gratitude goes also to Programme Committee co-chairs Marita Laukkanen, Alessandro Tavoni and Anastasios Xepapadeas, who together with the Local Scientific Committee - Elettra Agliardi, Emanuele Campiglio, and Niko Jaakkola - and with the important contribution of 380 referees, have prepared a rich scientific and social programme. The preparation of the programme was supported by the software produced by Anymeets who also deserves our gratitude. Our gratitude goes also to our Association's Secretariat team for its constant and careful work for the execution of the Conference. Monica, Silvia, Ottavia, Martina, you are our institutional memory and support the council and all other EAERE committees and initiatives, with enthusiasm, efficiency and consistency. Thank you! No EAERE president or council can survive without your excellent support.

Please see our <u>full conference programme</u>, which consists of plenary sessions, parallel paper sessions, egg-timers, three high-level policy sessions, a welcome reception, an informal social event and a conference dinner. A rich programme of related events is also available. The programme also includes two important association events: the session at which we will announce this year's awards and recognitions, and the General Assembly of Members. We are counting on everyone's participation to applaud and congratulate our outstanding colleagues and to define our future priorities and strategies together.

Our Annual Conference is perhaps the most important and awaited moment of the year for our community. However, I would like to emphasise that EAERE is not just an annual conference or a set of academic awards. Our Association is a much broader platform, capable of offering many other moments of exchange and enrichment for its members. EAERE is a science community and academy ecosystem that we want to empower and develop further.

Our portfolio of activities is already very rich and includes two very well reputed flagship journals: Environmental and Resource Economics - ERE, and the Review of Environmental Economics and Policy - REEP. I would like to take this opportunity to express our warmest gratitude to the journals editors Ian Bateman (ERE) and Cathy Kling (REEP) as well as the co-editors for their time and commitment to the journals. As recently announced, Cathy is stepping down from her position as REEP editor at the end of 2022, her fifth year in a highly successful tenure. We want to thank Cathy for her many years of service to the journal and to the profession and want to welcome Spencer Banzhaf as next editor of REEP, wishing him much success...

Our portfolio includes also successful educational activities: our Summer School run by Michael Finus and Karl Steininger with the University of Graz, or our Winter School run by Lucas Bretwschger with ETH Zurich, a series of policy webinars jointly organised with CEPR and led by Carlo Carraro, Ottmar Edenhofer and Christian Gollier, an informative quarterly Magazine edited by Frank Convery, a monthly newsletter, and many activities coordinated by our Policy Outreach Committee led by Jos Delbeke and Simone Borghesi (observer status at the UNFCCC, IPCC, the European Chemical Agency are only some examples).

We are working to improve the capacity of our Association to offer its members an even broader and modern platform, which will seize inspiring and new stimuli for their research. As per my nomination letter and keeping the political and ethical challenges in mind, my vision for EAERE is to mobilise and involve our community in new activities that will increase its impact on science (disciplinary and interdisciplinary science) technology and business development, and policy. We will discuss in detail all these activities at our General Assembly. Below I present a selected number of the ones we are working on.

- Financial sustainability and global outreach of the association through the launch of new initiatives that can support the association's finances while providing opportunities for increased membership and collaboration among our institutional members. With this in mind, we will soon announce a model for a series of Science-Policy-Business Interface webinars that will be organised in cooperation with our members.
- Impact on policy through our Policy Outreach Committee task forces linked to respective European Commission DGs and sections of Multilateral organizations that shape global policy-making (UN, IPCC, EIB, ECB, etc.). Task forces are important in terms of having the capacity to produce annual or bi-annual reports (in collaboration with EAERE member institutions) that can facilitate the interaction with policy makers.
- Support diversity, equity and inclusion initiatives. This initiative will be launched in September and at first it will follow a virtual living lab format lead by Ebun Akinsette. We have recently launched a call for expressions of interest for an Executive Committee that will lead these initiatives. We are very proud to include them in our agenda.

- A closer collaboration with the other Associations of Environmental and Resource Economists (American, Latin American, African, Asia, Australian), towards global events and initiatives under the umbrella of the World Council of Environmental and Resource Economists Associations (WCEREA). After a break following the decision to skip a World Congress cycle, the World Council resumes its activities in July with some important items on its agenda, like the definition of the process for assessing applications for WCEREA membership from other associations, WCEREA mission and activities, future events. The WCEREA is a potentially formidable booster to exploit synergies amongst associations worldwide, and we do not want to miss this opportunity. We are already in close communication with the Latin American, North American, Asian, African and Australian associations active in our field.

- Launch of a book series on cutting-edge research topics that we hope will provide useful insights for future research. The book series was inspired by my conversations with many of our senior and junior members, that told me that they usually find that review articles are never long enough to provide the research community with deep technical knowledge and holistic review of a topic. We will prioritize the EAERE Fellows, the most prominent people of our association, as the first round of potential authors for this small books series.

- Transition to hybrid annual conferences and other events to increase the cohesion of the network of our members, as well as the outreach of our activities across the world and to members with physical, social or financial constraints. This transition has been imposing many challenges and difficulties mainly due to the uncertainty related to the kind of participation preferred by our members and the limited financial resources available for each annual conference.

Our Council (and I want to thank Simone Borghesi, Enrica De Cian, Simon Dietz, Christian Gollier, Asa Lofgren, Marita Laukkanen) has started to work along these lines, relying on the support and contribution of our members through open calls and discussions for maximum inclusiveness, transparency, and cohesion. Some of you may have noticed that in the menu bar of our website we have made the 'contact us' button very prominent, through which you can contact me, our Council and the Secretariat, with your proposals, comments, new ideas, criticisms. We will be happy to listen to all our members and no message will go unanswered.

Enjoy the intellectual stimulation and social interaction of our conference, in the lively city of Rimini. I look forward to meeting you in our General Assembly of Members taking place on June 30th, from 13 to 14 CEST. Those members who are not attending the Rimini conference in person can participate online.

Enjoy and please communicate your thoughts, ideas and vision, to us! We need you in order to do our job well!

FAFRF President

Phoebe Koundouri

Welcome from the Local Organising Committee

Dear Participants,

We are delighted to welcome you all to the 27th Annual Conference of the European Association of Environmental and Resource Economists, being organized by the University of Bologna's Economics department at the Palacongressi (Rimini).

With each annual conference, we celebrate an ever-expanding, lively and diverse community of scholars that differ along many characteristics (e.g. age and focus), but share a passion for advancing theoretical, empirical and policy research aiming to build on several strands of economics to keep our impact on the environment in check.

Yet, with each year we also witness increasingly alarming and unequivocal signals that the planet is under severe stress, and progress is too slow. Our notable plenary addresses and the many high-quality contributed and organised sessions that you are about to partake in are stark reminders of the urgent need for action. Prime examples are biodiversity loss and climate change. To sum up. The bad news is that we are still playing catch-up and are not advancing fast enough to significantly curb environmental degradation. The good news: our environmental economics community is ever more needed to help to assess the damages and propose solutions, as suggested by the ongoing mainstreaming of the field.

We are particularly thrilled to host EAERE2022, since the last two years have been marked by a continued (and ongoing) struggle to keep under control another global runaway problem such as the COVID-19 pandemic. This has meant that our Berlin colleagues were forced to host the 2020 and 2021 conferences online. We thus hope that this gathering will mark a fresh start and a renewed occasion to re-establish those much-cherished connections and exchanges, both academic and personal.

The University of Bologna was founded in 1088, making it one of the oldest in the world. It is the second largest in Italy (90,000 students) and a leading research university. It offers about 250 bachelor and master's degrees across its five campuses, one of which is located in Rimini. The city of Rimini offers a rich cultural landscape, and, of course, endless stretches of beach. For those who may be staying longer, be sure to visit the beautiful countryside, or head to Bologna for more historic sights, city action and accessible surrounding.

We wish you a very stimulating conference with friends old and new, and hope that you have a very enjoyable time in Rimini!

On behalf of the organising committee,

Alessandro Tavoni

Local Organising Committee

Alessandro Tavoni, Università di Bologna (Chair)

Maria Arvaniti, Università di Bologna

Emanuele Campiglio, Università di Bologna

Marco Casari, Università di Bologna

Niko Jaakkola, Università di Bologna

Riccardo Ghidoni, Università di Bologna

Luca Lambertini, Università di Bologna

Anna Montini, Università di Bologna

Esther Shears, Università di Bologna

Anastasios Xepapadeas, Università di Bologna



27th EAERE Annual Conference

Rimini - Italy, June 28th-July 1st, 2022

Palacongressi di Rimini, Via della Fiera, 23

Programme Overview

	28 June -	- TUESDAY	29 June - W	/EDNESDAY	30 June - 1	THURSDAY	1 July -	FRIDAY
08.30 - 08.45			Registi	ration	Regist	ration	Registr	ation
08.45 - 09.00			8.30 -		8.30 -		8.30 -	
09.00 - 09.15								
09.15 - 09.30								
09.30 - 09.45			Parallel S	essions 1	Parallel S	essions 4	Parallel Se	essions 7
09.45 - 10.00								
10.00 - 10.15			9.00-1	0.45	9.00-	10.45	9.00-1	0.45
10.15 - 10.30			116.5		115.5		7,898	
10.30 - 10.45								
10.45 - 11.00			Coffee	Break	Coffee	Break	Coffee	Break
11.00 - 11.15			10.45 -		10.45		10.45 -	T001200000
11.15 - 11.30			Address by the		Awards Anno			
11.30 - 11.45			of Economy of Mr. Daniele Fra	and Finance: nco 11.15-11.45	11.15-		Plenary S	
11.45 - 12.00							Prof. Cather	
12.00 - 12.15			Plenary S		Plenary S		11.15-1	12.15
12.15 - 12.30			Prof. Sir Parth		Prof. Lars Pe		Closing S	Session
12.30 - 12.45			11.45-	12.45	11.45-	12.45	12.15-1	
12.45 - 13.00				*EAERE-POC				
13.00 - 13.15				Meeting		EAERE General		
13.15 - 11.30			Lunch Break	*EDE Board	Lunch Break	Assembly	Lunch I	
13.30 - 13.45			12.45-14.00	Meeting	12.45-14.00	of Members	12.45-1	14.00
13.45 - 14.00				12.45-14.00		13.00-14.00		
14.00 - 14.15								
14.15 - 14.30								
14.30 - 14.45			Parallel Sessions 2	Policy Session 1	Parallel Sessions 5	Policy Session 2	Parallel Sessions 8	Policy Session 3
14.45 - 15.00		*EAERE Council						• • • • • • • • • • • • • • • • • • • •
15.00 - 15.15		Meeting	14.00-15.45	14.00-15.45	14.00-15.45	14.00-15.45	14.00-15.45	14.00-15.45
15.15 - 15.30		14.00-16.30						
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15.45 - 16.00			Coffee		Coffee			
16.00 - 16.15			15.45 -	16.15	15.45	- 16.15		
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16.30 - 16.45								
16.45 - 17.00			Parallel Se	essions 3	Parallel S	essions 6		
17.00 - 17.15								
17.15 - 17.30	Registration	1	16.15-1	18.00	16.15-	18.00		
17.30 - 17.45	16.00-19.00							
17.45 - 18.00								
18.00 - 18.15								
18.15 - 18.30		Mala ana						
18.30 - 18.45		Welcome						
18.45 - 19.00		Reception (drink and						
19.00 - 19.15								
19.15 - 19.30		buffet) 18.00-20.00						
19.30 - 19.45		10.00-20.00						
19.45 - 20.00								
from 20.00			Informal Social E	vent from 20.00	Conference Din	ner from 20.00		
* Participation	on by invitation						Pala Congressi	Amphitheatre
On-site ses	ssion, live-streamed	d			Hall Ingresso A	A.	"Piazza sull'Acc	qua" Park
Hybrid sess	sion				"Foyer Domus"	" Area (ground floor)	"Coconuts" Clu	ıb
						900		

Sessions Overview

Tuesday 28 June 2022

14:00 - 16:30	*EAERE Council Meeting	location:	Alberti 8 (Rimini campus, Piazzetta Teatini 13) *(by invitation)
16:00 - 19:00	Registration	room:	Hall ingresso A
18:00 - 20:00	Welcome Reception (drink and buffet)	room:	"Foyer Domus" Area (ground floor)

Wednesday 29 June 2022

8:30 - 9:00	Registration	room:	Hall ingresso A
9:00 - 10:45	Parallel Sessions 1	rooms:	
	Agriculture and Externalities		Vecchia Pescheria
	Award Session 1: EAERE Award for ERC Grants		Tempio 2
	Award Session 2: EAERE Award for Best Doctoral Dissertation		Parco
	Biodiversity 1		Faro
	Circular Economy		Breakout 4
	Climate and Flood Risk 1		Borgo 1
	Climate Change and Trade 1		Breakout 6
	Digitalisation and Energy		Breakout 7
	Discounting		Lavatoio
	Environment and Development		Bastioni
	Environmental Valuation: Methods and Applications		Marina 1
	Experiments 1		Marina 2
	Forestry 1		Borgo 2
	International Agreements 1		Orologio
	Pollution and Health Effects 1		Squero
	Social Norms		Breakout 5
	Thematic Session 1: Advances in Mechanism Design for the Environment		Tempio 1
10:45 - 11:15	Coffee Break	room:	"Foyer Domus" Area (ground floor)
11:15 - 11:45	Address by the Italian Minister of Economy and Finance: Mr. Daniele Franco	room:	Amphitheatre
11:45 -12:45	Plenary Session 1 Prof. Sir Partha Dasgupta	room:	Amphitheatre
12:45 - 14:00	Lunch Break	room:	"Foyer Domus" Area (ground floor)
12:45 - 14:00	*EAERE-POC Meeting	room:	Fontana *(by invitation)
12:45 - 14:00	*EDE Board Meeting	room:	Breakout 4 *(by invitation)

	Paralle	I Sessions 2	rooms:	
		Agriculture		Breakout 4
		Amenities		Breakout 6
		CGE Modelling 1		Orologio
		Climate and Migration		Breakout 8
		Climate Change and Epidemics		Lavatoio
		Climate Policy and Finance 1		Marina 2
		Dynamic Games		Faro
		Ecosystem Services		Breakout 5
		Electric Vehicle Adoption		Parco
		Energy Efficiency 1		Breakout 7
		Experiments 2		Tempio 1
		Firms and Environment		Marina 1
		Fisheries 1		Squero
		International Agreements 2		Borgo 2
		Monitoring and Enforcement		Borgo 1
		Technical Change and the Environment 1		Vecchia Pescheria
		Thematic Session 2: On the Size of Stable Climate Coalitions		Tempio 2
		Transport and Green Transition		Bastioni
		I a appreciate cross mandation		Dadie
14:00 - 15:45	Policy S	Session 1: Border Carbon Adjustments: Drivers or Impediments for Climate Ambition?	room:	Amphitheatre
15:45 - 16:15	Coffee	Break	room:	"Foyer Domus" Area (ground floor)
				(ground noor)
6:15 - 18:00				
0.10 10.00	Paralle	l Sessions 3	rooms:	
0.10 10.00	Paralle	Air Pollution 1	rooms:	Marina 1
5.10 10.00	Paralle		rooms:	Borgo 2
10.00	Paralle	Air Pollution 1	rooms:	
5.10	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments	rooms:	Borgo 2
5.10	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1	rooms:	Borgo 2 Vecchia Pescheria
2.0	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1	rooms:	Borgo 2 Vecchia Pescheria Marina 2
2.0	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1 Climate Policy in Latin America	rooms:	Borgo 2 Vecchia Pescheria Marina 2 Breakout 5
2.0	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1 Climate Policy in Latin America Climate Politics 1	rooms:	Borgo 2 Vecchia Pescheria Marina 2 Breakout 5 Tempio 2
2.0	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1 Climate Policy in Latin America Climate Politics 1 Commuting and Traffic	rooms:	Borgo 2 Vecchia Pescheria Marina 2 Breakout 5 Tempio 2 Squero
5.5 10.00	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1 Climate Policy in Latin America Climate Politics 1 Commuting and Traffic Electricity Markets 1	rooms:	Borgo 2 Vecchia Pescheria Marina 2 Breakout 5 Tempio 2 Squero Bastioni
0.00	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1 Climate Policy in Latin America Climate Politics 1 Commuting and Traffic Electricity Markets 1 Energy and Transport: Complexity, Heterogeneity and Distributional Issues	rooms:	Borgo 2 Vecchia Pescheria Marina 2 Breakout 5 Tempio 2 Squero Bastioni Breakout 7
0.00	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1 Climate Policy in Latin America Climate Politics 1 Commuting and Traffic Electricity Markets 1 Energy and Transport: Complexity, Heterogeneity and Distributional Issues Food 1	rooms:	Borgo 2 Vecchia Pescheria Marina 2 Breakout 5 Tempio 2 Squero Bastioni Breakout 7 Breakout 8
5.0	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1 Climate Policy in Latin America Climate Politics 1 Commuting and Traffic Electricity Markets 1 Energy and Transport: Complexity, Heterogeneity and Distributional Issues Food 1 Forests and Development	rooms:	Borgo 2 Vecchia Pescheria Marina 2 Breakout 5 Tempio 2 Squero Bastioni Breakout 7 Breakout 8 Lavatoio
5.0	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1 Climate Policy in Latin America Climate Politics 1 Commuting and Traffic Electricity Markets 1 Energy and Transport: Complexity, Heterogeneity and Distributional Issues Food 1 Forests and Development Network Effects	rooms:	Borgo 2 Vecchia Pescheria Marina 2 Breakout 5 Tempio 2 Squero Bastioni Breakout 7 Breakout 8 Lavatoio Borgo 1
5.5 10.00	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1 Climate Policy in Latin America Climate Politics 1 Commuting and Traffic Electricity Markets 1 Energy and Transport: Complexity, Heterogeneity and Distributional Issues Food 1 Forests and Development Network Effects Public Goods Provision: Experiments	rooms:	Borgo 2 Vecchia Pescheria Marina 2 Breakout 5 Tempio 2 Squero Bastioni Breakout 7 Breakout 8 Lavatoio Borgo 1 Breakout 6
5.5 10.00	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1 Climate Policy in Latin America Climate Politics 1 Commuting and Traffic Electricity Markets 1 Energy and Transport: Complexity, Heterogeneity and Distributional Issues Food 1 Forests and Development Network Effects Public Goods Provision: Experiments Technical Change and the Environment 2	rooms:	Borgo 2 Vecchia Pescheria Marina 2 Breakout 5 Tempio 2 Squero Bastioni Breakout 7 Breakout 8 Lavatoio Borgo 1 Breakout 6 Parco
5.10	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1 Climate Policy in Latin America Climate Politics 1 Commuting and Traffic Electricity Markets 1 Energy and Transport: Complexity, Heterogeneity and Distributional Issues Food 1 Forests and Development Network Effects Public Goods Provision: Experiments Technical Change and the Environment 2 Thematic Session 3: Fiscal and Distributional Implications of Climate Policy Packages	rooms:	Borgo 2 Vecchia Pescheria Marina 2 Breakout 5 Tempio 2 Squero Bastioni Breakout 7 Breakout 8 Lavatoio Borgo 1 Breakout 6 Parco Tempio 1
5.10	Paralle	Air Pollution 1 Climate Change Mitigation: Field Experiments Climate Damages and Impacts 1 Climate Macroeconomics: Fiscal Policy 1 Climate Policy in Latin America Climate Politics 1 Commuting and Traffic Electricity Markets 1 Energy and Transport: Complexity, Heterogeneity and Distributional Issues Food 1 Forests and Development Network Effects Public Goods Provision: Experiments Technical Change and the Environment 2 Thematic Session 3: Fiscal and Distributional Implications of Climate Policy Packages Waste	rooms:	Borgo 2 Vecchia Pescheria Marina 2 Breakout 5 Tempio 2 Squero Bastioni Breakout 7 Breakout 8 Lavatoio Borgo 1 Breakout 6 Parco Tempio 1 Faro

Thursday 30 June 2022

9:00 - 10:45	Registro	ation	room:	Hall ingresso A
7.00 10.43	Parallel	Sessions 4	rooms:	
		Agriculture and Climate		Marina 1
		Air Pollution 2		Vecchia Pescheria
		Climate Change: Adaptation 1		Breakout 6
		Climate Damages and Impacts 2		Tempio 2
		Climate Policy: Carbon Tariffs		Breakout 5
		Climate Politics 2		Orologio
		Commons and Institutions		Bastioni
		Corporate Social Responsibility		Parco
		Electricity Demand		Faro
		Energy 1		Squero
		Environmental Policy: Theory and Simulation		Breakout 9
		Fisheries 2		Marina 2
		Forestry 2		Borgo 1
		Labour and Green Technology		Borgo 2
		Natural Disasters		Breakout 8
		Political Economy		Lavatoio
		Thematic Session 4: Rebates and Exemptions: the Consequences of Preferential Treatment in Emissions Pricing Policies		Tempio 1
		Transportation		Breakout 7
		Water Pollution		Breakout 4
				"Foyer Domus" Area
10:45 - 11:15	Coffee	Break	room:	(ground floor)
11:15 - 11:45	Awards	Announcements	room:	Amphitheatre
11:45 -12:45	Plenary	Session 2		
			room:	Amphitheatre
		Prof. Lars Peter Hansen	room:	
12:45 - 14:00	Lunch E	Prof. Lars Peter Hansen	room:	Amphitheatre "Foyer Domus" Area (ground floor)
70.00		Prof. Lars Peter Hansen Break	room:	"Foyer Domus" Area (ground floor)
10000000		Prof. Lars Peter Hansen		"Foyer Domus" Area
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members Sessions 5	room:	"Foyer Domus" Area (ground floor)
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members	room:	"Foyer Domus" Area (ground floor)
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members Sessions 5	room:	"Foyer Domus" Area (ground floor) Amphitheatre
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members Sessions 5 Agriculture and Ecosystem Services	room:	"Foyer Domus" Area (ground floor) Amphitheatre
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members Sessions 5 Agriculture and Ecosystem Services Biodiversity 2 CGE Modelling 2 Climate and Labour Economics: Empirical Approaches	room:	"Foyer Domus" Area (ground floor) Amphitheatre Bastioni Tempio 1 Breakout 4 Vecchia Pescheria
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members Sessions 5 Agriculture and Ecosystem Services Biodiversity 2 CGE Modelling 2 Climate and Labour Economics: Empirical Approaches Climate Change and Trade 2	room:	"Foyer Domus" Area (ground floor) Amphitheatre Bastioni Tempio 1 Breakout 4
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members Sessions 5 Agriculture and Ecosystem Services Biodiversity 2 CGE Modelling 2 Climate and Labour Economics: Empirical Approaches	room:	"Foyer Domus" Area (ground floor) Amphitheatre Bastioni Tempio 1 Breakout 4 Vecchia Pescheria
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members Sessions 5 Agriculture and Ecosystem Services Biodiversity 2 CGE Modelling 2 Climate and Labour Economics: Empirical Approaches Climate Change and Trade 2	room:	"Foyer Domus" Area (ground floor) Amphitheatre Bastioni Tempio 1 Breakout 4 Vecchia Pescheria Breakout 8
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members Sessions 5 Agriculture and Ecosystem Services Biodiversity 2 CGE Modelling 2 Climate and Labour Economics: Empirical Approaches Climate Change and Trade 2 Climate Policy and Distribution	room:	"Foyer Domus" Area (ground floor) Amphitheatre Bastioni Tempio 1 Breakout 4 Vecchia Pescheria Breakout 8 Parco
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members Sessions 5 Agriculture and Ecosystem Services Biodiversity 2 CGE Modelling 2 Climate and Labour Economics: Empirical Approaches Climate Change and Trade 2 Climate Policy and Distribution Climate Policy and Finance 2	room:	"Foyer Domus" Area (ground floor) Amphitheatre Bastioni Tempio 1 Breakout 4 Vecchia Pescheria Breakout 8 Parco Lavatoio
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members Sessions 5 Agriculture and Ecosystem Services Biodiversity 2 CGE Modelling 2 Climate and Labour Economics: Empirical Approaches Climate Change and Trade 2 Climate Policy and Distribution Climate Policy and Finance 2 Climate: Tipping Points and Geoengineering	room:	"Foyer Domus" Area (ground floor) Amphitheatre Bastioni Tempio 1 Breakout 4 Vecchia Pescheria Breakout 8 Parco Lavatoio Breakout 5
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members Sessions 5 Agriculture and Ecosystem Services Biodiversity 2 CGE Modelling 2 Climate and Labour Economics: Empirical Approaches Climate Change and Trade 2 Climate Policy and Distribution Climate Policy and Finance 2 Climate: Tipping Points and Geoengineering Egg-timer Session 1: Policies and Firms	room:	"Foyer Domus" Area (ground floor) Amphitheatre Bastioni Tempio 1 Breakout 4 Vecchia Pescheria Breakout 8 Parco Lavatoio Breakout 5 Borgo 1
13:00 - 14:00	EAERE	Prof. Lars Peter Hansen Break General Assembly of Members Sessions 5 Agriculture and Ecosystem Services Biodiversity 2 CGE Modelling 2 Climate and Labour Economics: Empirical Approaches Climate Change and Trade 2 Climate Policy and Distribution Climate Policy and Finance 2 Climate: Tipping Points and Geoengineering Egg-timer Session 1: Policies and Firms Egg-timer Session 4: Preferences and Information	room:	"Foyer Domus" Area (ground floor) Amphitheatre Bastioni Tempio 1 Breakout 4 Vecchia Pescheria Breakout 8 Parco Lavatoio Breakout 5 Borgo 1 Borgo 2

		Fossil Energy Resources		Tempio 2
		Green Consumption		Breakout 7
		Pollution and Health Effects 2		Breakout 6
		Thematic Session 5: Public Economics of Carbon Dioxide Removal (CDR)		Marina 2
		Water Management 1		Squero
14:00 - 15:45		iession 2: How to Integrate Environmental Risks into Central Banks' Macroeconomic s and Operations?	room:	Amphitheatre
15:45 - 16:15	Coffee	Break	room:	"Foyer Domus" Area (ground floor)
16:15 - 18:00	Davallal	Sessions 6	roomo	
10.13 - 16.00	Furuitei	Agriculture: Sustainability	rooms:	Breakout 6
		Biodiversity 3		Orologio
		Climate Macroeconomics: Fiscal Policy 2		Parco
		<u> </u>		
		Contributed Policy Session: Money to the People		Tempio 1
		Egg-Timer Session 2: Climate Policy		Borgo 1
		Electricity Markets 3		Squero
		Energy 2		Breakout 7
		Environmental Policy: Empirics		Faro
		Environmental Taxation		Marina 1
		Food 2		Lavatoio
		Forests and Climate		Vecchia Pescheria
		Land Use		Borgo 2
		Regulation and Regulators		Marina 2
		Technical Change and the Environment 3		Bastioni
		Thematic Session 6: Pollution, Monitoring, and Political Economy		Tempio 2
		Time, Risk, and Inequality: Empirics		Breakout 9
		Water Management 2		Breakout 8
		Weather Shocks		Breakout 4
		Wind Power		Breakout 5
from 20:00	Confere	ence Dinner	location:	"Coconuts" Club

Friday 1 July 2022

8:30 - 9:00	Registration	on	room:	Hall ingresso A
9:00 - 10:45	Parallel Se	essions 7	rooms:	
	Α	ir Pollution 3		Breakout 5
	A	viation Taxes		Vecchia Pescheria
		ward Session 3: EAERE Award for Outstanding Publication in the Environmental and esource Economics Journal		Tempio 2
	С	limate Change and Agriculture		Breakout 6
	С	limate Change: Adaptation 2		Marina 2
	С	limate Macroeconomics: Distribution		Orologio
	С	limate Policy: Emission Trading		Lavatoio
	С	limate Politics 3		Parco
	E	gg-Timer Session 3: Biodiversity, Renewables, and Amenities		Borgo 1

		Electricity Markets 4		Bastioni
		Fisheries 3		Breakout 7
		Forestry 3		Marina 1
		Sustainability and Growth		Tempio 1
		Sustainable Finance		Breakout 4
		Thematic Session 10: The Bioeconomy, Agriculture, and the Environment		Borgo 2
		Thematic Session 7: Citizen and Community Energy		Faro
		Valuation		Squero
):45 - 11:15	Coffee	Break	room:	"Foyer Domus" Area (ground floor)
:15 - 12:15	Plenary	Session 3	room:	Amphitheatre
		Prof. Catherine L. Kling	1001111	, and practicated
2:15 - 12:45	Closing	Session	room:	Amphitheatre
1:45 - 14:00	Lunch E	treak	room:	"Foyer Domus" Area (ground floor)
:00 - 15:45	Parallel	Sessions 8	rooms:	
		Air Pollution 4		Vecchia Pescheria
		Climate and Flood Risk 2		Bastioni
		Climate Policy and Finance 3		Marina 1
		Climate Policy: Carbon Pricing		Tempio 1
		Co-benefits		Marina 2
		Energy Efficiency 3		Borgo 1
		Forests: Amazon		Faro
		Norms and Prosociality		Orologio
		Risk and Uncertainty		Borgo 2
		Sustainable Development		Squero
		Thematic Session 8: Jobs and Skills in the Low Carbon Economy		Tempio 2
		Thematic Session 9: The Financing of Green Innovation		Parco
		Vehicle Purchases		Lavatoio

Congress venue

The conference will be held at Palacongressi of Rimini. Strategically positioned halfway between the north and south of Italy and as part of an extensive network of transport links, Rimini is easy and convenient to reach both from Italian destinations and from abroad.

Find out how easy it is to reach Rimini for EAERE Conference 2022, by car, train or plane, as well as the green way to get to the Palacongressi.

Once in Rimini, everything is just around the corner!

Getting to the Conference Venue

• BY AIR

Bologna's International "Guglielmo Marconi" airport is approximately 100 km away from Rimini by motorway and can be reached in an hour, also with shuttle buses or private vehicles. It guarantees daily links with major Italian, European and international cities, served by the main international airlines. For further information: www.bologna-airport.it.

Shuttle Italy Airport - Daily connections between Bologna Airport and Rimini railways station in a little over one hour, with 10 journeys a day.

The Marconi Express, a monorail train, connects Bologna Airport to Bologna railway station in 7 minutes.

• BY CAR

Thanks to the motorway network, Rimini is well connected with the rest of Italy and Europe. It lies on the A14 Milano-Bari motorway, and is served by two exits: Rimini Nord and Rimini Sud. With the A14, from Rimini it is easy to reach the A4 to Venice and the A22 to the Brenner pass. Florence, Rome and Naples are equally accessible with the A1 motorway.

For further information: www.autostrade.it.

BY TRAIN

The Palacongressi di Rimini is connected to the railwail station through the bus line n.7.

The rail network also helps to link the Rimini Riviera with the rest of Italy.

From Rimini station, located just 1.5 km from the Palacongressi, you can conveniently also reach Bologna in 1 hour, Milan in 2 hours, and Rome in less than 4 hours, all by high-speed train connections.

For further information: www.trenitalia.it



We are honored to publish the **Review of Environmental Economics and Policy**.

Editor: Catherine L. Kling | journals.uchicago.edu/reep

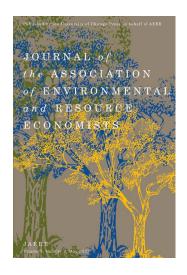
REEP fills the gap between traditional academic journals and the general interest press by providing a widely accessible yet scholarly source for the latest thinking on environmental economics and related policy. Subscriptions are a benefit of membership in the Association of Environmental and Resource Economists and the European Association of Environmental and Resource Economists.

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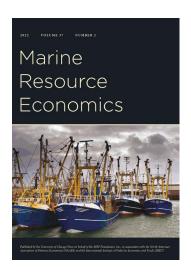
Environmental and Energy Policy and the Economy

journals.uchicago.edu/eepe



Journal of the Association of Environmental and Resource Economists

journals.uchicago.edu/jaere



Marine Resource Economics

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American Journal of Health Economics • Critical Historical Studies • Economic Development and Cultural Change Entrepreneurship and Innovation Policy and the Economy • Environmental History • Journal of Human Capital Journal of Labor Economics • The Journal of Law and Economics • Journal of Political Economy Journal of Political Economy Macroeconomics • Journal of Political Economy Microeconomics • National Tax Journal NBER Macroeconomics Annual • Tax Policy and the Economy



THE UNIVERSITY OF CHICAGO PRESS JOURNALS

Practical information A-Z

Accessability

- All the venue entrances (A, B and C) are level and disabled-friendly
- Lifts with Braille buttons provide access to the venue via the underground car parks (level -1 and -2)
- Each floor inside the venue has restrooms for the disabled
- Access to the 1st floor via lift with Braille buttons
- All the rooms on the ground floor and first floor are disabled-friendly
- The furniture is mobile and consents maximum versatility of space
- An 800m cycle-pedestrian lane through the park connects Entrance A of the Palacongressi to the old town centre

Announcements and programme changes

Programme changes and other information for participants will be announced on the "Programme" page of the EAERE website.

Coffee breaks

Coffee breaks will be held in the Catering area (Foyer B Domus) on the ground floor.

Crew

Members of the EAERE2022 team are identifiable by their STAFF badges. Crew members will assist during registration, sessions, breaks and social events and are happy to provide general information and guidance.

Exhibition area

The Exhibition area of EAERE2022 is located on the ground floor, in Foyer B Modus. The exhibition will be open throughout the congress.

First Aid

First aiders are located in the building. If you require first aid, please first go to the registration desk or, if outside hours and it is a medical emergency, call 112.

Fire Safety

Study the evacuation plans posted outside each room and make sure to notice the location of emergency exits. If the fire alarm rings at any time, start evacuating immediately. Do not congregate at the building entrance but go to the nearest assembly point. Know the location of the nearest assembly point to you. Wait until you are instructed by Security or a Fire Evacuation Marshall to re-enter the building.

Important phone numbers

The emergency number in Italy that will put you in contact with emergency services is: 112 Italy's country code is +39. To call abroad dial 00xy (where xy = the country code) followed by area code and number.

Internet Access

All EAERE2022 participants have access to the Palacongressi free wireless internet. Connection requires a quick one-time registration. Connect by finding the network "PALAS"; from here, you can 1) log in if you are already registered, 2) register using your social media account, or 3) request access by email (you will receive an email with access credentials and a link to the sign-in page).

Liability

The conference organisers and the University cannot be held responsible for personal injury or damage to or loss of personal property, however caused. Further, you agree to release EAERE and all of its officers, the University of Bologna, and the Conference Programme Committee from liability should you become ill, directly or indirectly, as a result of your participation in EAERE 2022.

Lost and Found

Lost-and-Found can be collected in the registration area.

Lunch

Lunch will be served in the Catering area (Foyer B Modus) on the ground floor to all those who have reserved it. Please make yourself known to the catering staff if you have any food allergies.

Media

Please use #eaere2022 in social media.

Name Badges

You will be given your name badge during registration. All participants at EAERE2022 are required to wear their name badge at all times. Only participants with name badges will have access to the scientific programme, the coffee and lunch break and to the social events.

Opening hours: Registration Desk

June 28, Tuesday 16:00-19:00 June 29, Wednesday 08:30-18:00 June 30, Thursday 08:30-18:00

July 1, Friday 08:30-15:45

Public Transport

Rimini boasts a modern and efficient urban network of minibuses, coaches and fast eco-vehicles. Timetables at www.startromagna.it. Bus line 7 runs to the Palacongressi.

Additionally, METROMARE is a zero emissions electric bus that connects Rimini and Riccione railway stations. It runs daily every 25 min. with 15 intermediate stops. You can get the Rimini Palacongressi from RIMINI STATION bus stop by renting a bike at the new BIKE PARK or by bus n. 7.

Registration and Information Desk

At the registration desk you will be given your name badge and congress pack after providing your registration confirmation. The registration desk is also an information point.

Water bottles

All EAERE2022 conference participants will be provided with a water bottle upon registration. Please keep this with you and use it during the conference. We hope you will use the bottle for many years to come.

Health and safety protocols

EAERE looks forward to welcoming attendees and exhibitors to the 27th EAERE Annual Conference (EAERE 2022) in Rimini, Italy. Our priority is to deliver a successful, productive, and safe conference where we can come together as a community to access emerging research and forge new connections. Below is a list of the health measures we have in place and how you will play a role in helping us move forward safely with an in-person event.

COVID-19 ACKNOWLEDGEMENT OF RISK

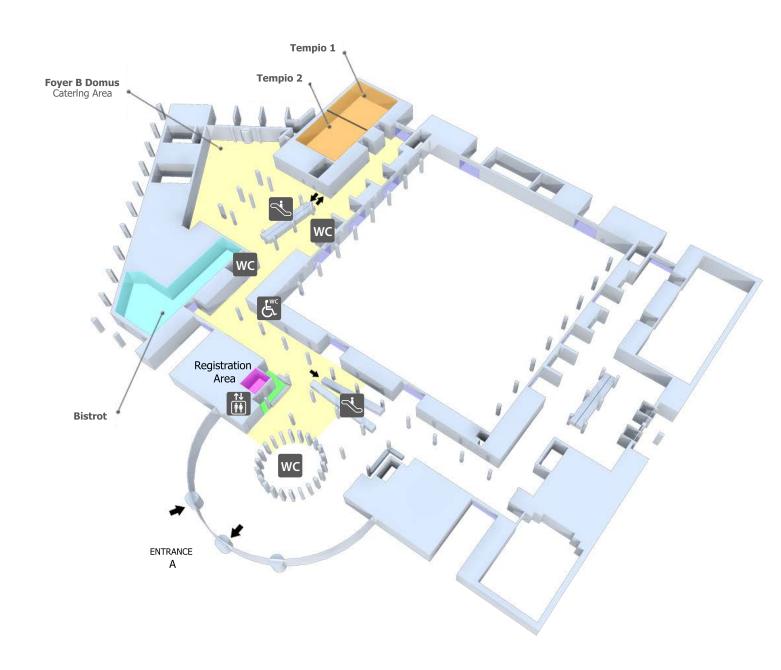
An inherent risk of exposure to COVID-19 exists in any public place where people are present. COV-ID-19 is an extremely contagious disease that can lead to severe illness and death. EAERE has taken reasonable preventive measures to reduce the spread of COVID-19 at its event; however, EAERE cannot guarantee that you will not be exposed to or contract COVID-19 at the event. By attending EAERE 2022, you voluntarily assume all risks related to exposure to COVID-19. Further, you agree to release EAERE and all of its officers, and the Conference Programme Committee from liability should you become ill, directly or indirectly, as a result of your participation in EAERE 2022.

You must comply with applicable COVID-19 related requirements, advisories, policies, procedures, and protocols of EAERE 2022, as well as any requirements of applicable governmental authorities, for the duration of your stay and attendance at the Conference. Further, you understand, agree and hereby consent that your failure or disregard to follow all requirements, advisories, policies, procedures, and protocols in effect during your attendance at the EAERE 2022 may result in loss of the right to attend or participate in EAERE events, including forfeiting any registration fees paid.

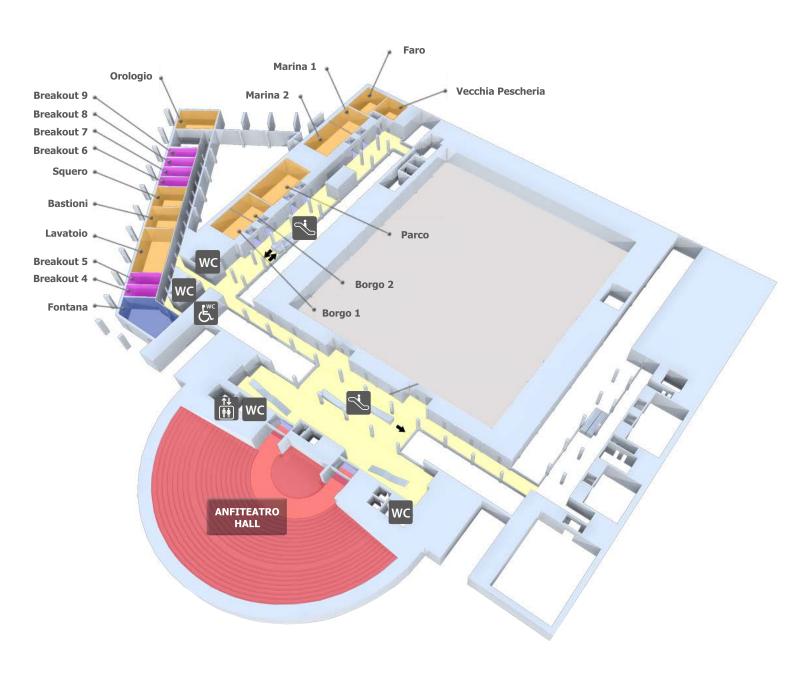
COVID-19: TRAVEL INFORMATION

Please find updated Covid-19 travel information by the Italian government here.

Floor plan Conference Venue - Ground Floor



Floor plan Conference Venue - First Floor



Social Events

The conference programme includes three exciting social events!

WELCOME RECEPTION

Tuesday 28 June, 18.00-20.00 - PalaCongressi (conference venue) - Via della Fiera 23







CLICK THE MAP

· INFORMAL SOCIAL EVENT

Wednesday 29 June, 20.00 - Piazza sull'Acqua - Parco XXV Aprile

Guests are invited to collect their picnic basket from Ristorante La Marianna (Viale Tiberio 19 in Borgo San Giuliano) and to take a seat in the park, in front of Ponte Tiberio. In case of bad weather, the event will take place in the restaurants of the colourful Borgo San Giuliano.







CLICK THE MAP

• CONFERENCE DINNER

Thursday 30 June - 20.00 - Coconuts - Lungomare Tintori 5







CLICK THE MAP

EAERE 2022 Conference partners and sponsors

EAERE 2022 is generously supported by Bank of Italy and the European Institute of Economics and the Environment (EIEE).

• BANCA D'ITALIA - EUROSISTEMA



• EUROPEAN INSTITUTE OF ECONOMICS



We are also grateful for the support provided by Prometeia Associazione, AlmaClimate, the H2020-MSCA-RISE project GEMCLIME-2020 (GA No. 681228), Gruppo HERA and APT Servizi Emilia Romagna.

PROMETEIA ASSOCIAZIONE



GEMCLIME



GRUPPO HERA



APT SERVIZI EMILIA ROMAGNA



EAERE 2022 Conference Exhibitors

EAERE 2022 welcomes its exhibitors. The exhibition will be open throughout the conference, so there will be plenty of opportunities to visit the stands. You will find the Exhibition area at the Conference Venue.

UNIVERSITY OF CHICAGO



The University of Chicago Press is honored to publish the Review of Environmental Economics and Policy on behalf of the Association of Environmental and Resource Economists and the European Association of Environmental and Resource Economists.

NOWPUBLISHERS



Now Publishers' flagship product is Foundations and Trends®, a series of review journals that provide in-depth, comprehensive, state-of-the-art reviews on current research topics in disciplines ranging from business and economics to technology. We also have a suite of research journals in the areas of business, economics, and political science. In 2020 we launched our open access publishing initiative, nowOpen, that is focused on books. Now Publishers adopts the following policies: authors retain copyright, authors can self-archive, and authors and reviewers receive small honoraria payments. The most important characteristic of Now Publishers is the commitment to quality of the content, which is achieved by our aim to work with top people in the fields that we publish in.

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ENVIRONMENTAL DEFENSE FUND



Environmental Defense Fund is a leading global nonprofit delivering bold, game-changing climate solutions. EDF combines expertise in science, economics, policy and innovation to stabilize the climate and strengthen people's ability to thrive despite the effects climate change is already having. With more than 850 staff and 3 million members and activists, EDF is working in nearly 30 countries around the world to build a vital Earth, for everyone.

Related events

PRE-CONFERENCE WORKSHOP: GREEN BONDS AND ENVIRONMENTAL FINANCE

Pre-conference Workshop of the 27th Annual EAERE Conference

Green Bonds and Environmental Finance

27 June 2022, Hybrid Workshop: Onsite and online



The Rimini Campus of the University of Bologna, together with the International Centre of Economic Analysis (ICEA), will host the (hybrid) Workshop on Green Bonds and Environmental Finance on June 27th, 2022. There are no registration and submission fees.

The workshop aims to bring together theoretical and applied researchers to discuss ongoing advanced research on green bonds and other forms of impact investing. We invite researchers in this area to submit their papers for presentation and particularly encourage the attendance of doctoral students, young researchers and professionals who are willing to advance their knowledge on green bonds and impact investing research.

We are pleased to have Professor CAROLINE FLAMMER (Columbia University) as our keynote speaker.

The workshop will take place in a hybrid modality both onsite at UniBo Rlmini Campus (Piazzetta Teatini 13), and online. Participation to online sessions requires Zoom registration (please fill in this form) and will also be available to onsite participants in room Alberti 9, UniBo Rimini Campus.

PRE-CONFERENCE WORKSHOP: THE ECONOMICS OF A JUST AND EQUITABLE CLIMATE TRANSITION

Pre-conference Workshop of the 27th Annual EAERE Conference

The economics of a just and equitable transition

27-28 Jun 2022, Hybrid Workshop: Onsite and online

Organizing committee: Jan Steckel (MCC) Massimo Tavoni (RFF-CMCC) Elena Verdolini (RFF-CMCC)

The aim of this workshop is to discuss how methods in environmental and resource economics can contribute to assess and quantify the impact of the low carbon transition on certain parts of society, and how they can be alleviated. It will present approaches to identify policies that can be put in place to correct pre-existing and transition-induced inequalities. The workshop will thus focus on issues related to employment, distributional impacts of policies, and public acceptance of the climate transition, with the aim to foster a debate on the research and policy agenda focusing on the Just Transition.

Addressing climate change will only be successful when related policies are perceived as fair and equitable. Climate change impacts will lead to severe economic losses, unevenly distributed across countries and regions, generations and individuals; they will aggravate existing inequalities and create new ones. Yet, the costs associated with the energy transition or external shocks may also disproportionately burden vulnerable households, firms, communities and social groups. The EAERE community has long addressed topics linked with the distributional impacts of climate change policies, and their repercussions on and prospect for the labor market and the public perception around tradeoffs between mitigation and economic growth. In recent years, novel methods have emerged to approach these topics. A deeper and meaningful dialogue can be fostered by building bridges between different research communities within and outside of EAERE.

Program:

The workshop has two aims. First, it takes stock of the methods in economics and other social sciences which can contribute to an assessment of the Just Transition. It will explore how methodologies and assessment tools used in climate economics and modeling have been used to inform the debate regarding a just transition. Recent developments, theoretical, empirical and numerical, will be discussed to highlight how different methodological approaches can contribute to the academic debate on key topics relevant for the Just Transition. Second, it looks forward and discusses how to develop the Just Transition research agenda with the aim of informing the policy debate. This includes broadening the attention to methods and insights from other research fields, as well as discussing how to use the available evidence to inform the current policy debate and identify key knowledge gaps and potential avenues for future research.

Format:

The workshop is organized in three thematic sessions: Workforce and Employment, Vulnerable Households and Firms, and Public Acceptance. Each session will last approximately for one and half hours and will present short talks by invited speakers, followed by discussion among participants. A final round table discussion will gather reaction from high-profile individuals engaged in research and policy making.

Onsite participation is free and open to the public and will take place in Aula Alberti 10 of the UniBo Rimini Campus (Piazzetta Teatini, 13, Rimini RN). Onsite registration is open until June 10 or until room capacity is reached.

The workshop is supported by the H2020-MSCA-RISE projects GEMCLIME-2020 (GA No. 681228) and GEOCEP project (GA No. 870245).











EAERE2022 5K RUN

We are very pleased to announce the second **EAERE 5K run**!!

The run will take place on Thursday 30th June @7.00 (in the morning!). Please sign up for the run using this form.

You will be sent details of the location/route nearer the time. The start will be conveniently located just 2km away from the main conference venue in the direction of most hotels.

Everyone who is in town for the EAERE meeting – researchers, faculty, students, staff, partners is welcome to participate. This is one of the best opportunities to get to know your fellow environmental economists (at least, the subset that is willing to wake up early and run at 7AM).

If you have any questions please contact Erik Ansink.



Plenary Speakers

Keynote - David Pearce Lecture

Economic possibilities in the Anthropocene

Prof. Sir Partha Dasgupta, University of Cambridge



Partha Dasgupta is Frank Ramsey Emeritus Professor of Economics at the University of Cambridge, Fellow of St John's College, Cambridge, and Professorial Research Fellow at the Sustainable Consumption Institute, University of Manchester. He taught at the London School of Economics during 1971-1984 and moved to the University of Cambridge in 1985 as Professor of Economics, where he served as Chairman of the Faculty of Economics in 1997-2001. During 1989-92 he was also Professor of Economics, Professor of Philosophy, and Director of the Program in Ethics in Society at Stanford Univer-

sity; and during 1991-97 he was Chairman of the (Scientific Advisory) Board of the Beijer International Institute of Ecological Economics, Stockholm. Since 1999 he has been a Founder Member of the Management and Advisory Committee of the South Asian Network for Development and Environmental Economics (SANDEE), Kathmandu. In 1996 he helped to establish the journal Environment and Development Economics, published by Cambridge University Press, whose purpose has been not only to publish original research at the interface of poverty and the environmental-resource base, but also to provide an opportunity to scholars in developing countries to publish their findings in an international journal.

Professor Dasgupta's research interests have covered welfare and development economics, the economics of technological change, population, environmental and resource economics, the theory of games, the economics of undernutrition, and the economics of social capital.

Plenary address

Mr. Daniele Franco, Minister of Economy and Finance



Daniele Franco is the Italian Minister of Economy and Finance. Before his appointment in February 2021, he was Deputy Governor of the Bank of Italy (May to December 2019), then Senior Deputy Governor (January 2020 to February 2021). Within Bank of Italy, he also worked in the Economic Research Department of Bank of Italy (1979-1994), as head of the Public Finance Division of the Economic Research Department of Bank of Italy (1997-2007), as head of Structural Economic Analysis Department (2007-2011) and as Managing Director of the Economic Research and International Relations (2011-

2013). He also woried as an Economic Advisor at the European Commission's Directorate General for Economic and Financial Affairs (1994-1997) and he held the position of State Accountant General at Italy's Ministry of Economy and Finance (2013-2019). Over the course of his career, he has widely published and held lectures on public finance, social protection and income distribution, and has participated in committees and working groups at various national and international organizations.

Keynote

How Should Climate Change Uncertainty Impact Social Valuation and Policy?

Prof. Lars Peter Hansen, Becker Friedman Institute for Economics at the University of Chicago



Lars Peter Hansen is a leading expert in economic dynamics who works at the forefront of economic thinking and modeling, drawing approaches from macroeconomics, finance, and statistics. He is a recipient of the 2013 Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel. Hansen has made fundamental advances in our understanding of how economic agents cope with changing and risky environments. He has contributed to the development of statistical methods designed to explore the interconnections between macroeconomic indicators and assets in financial

markets. These methods are widely used in empirical research in financial economics today.

Keynote

The Social Cost of Nutrient Pollution

Prof. Catherine L. Kling, Dyson School of Applied Economics and Management, Atkinson Center for a Sustainable Future at Cornell University



Catherine L. Kling is a Tisch University Professor in the Dyson School of Applied Economics and Management and Faculty Director at the Atkinson Center for a Sustainable Future. She is past Director of the Center for Agricultural and Rural Development at Iowa State University where she also held the President's Chair in Environmental Economics. She was elected to the National Academy of Sciences in 2015. Kling has published nearly 100 refereed journal articles and books chapters which have received over 8000 (google scholar) citations and is the editor of the Review of Environmental

Economics and Policy. She specializes in the economic valuation of ecosystem services and integrated assessment modeling for water quality modeling. Her research program has received over \$7 million in funding from the National Science Foundation, the US Department of Agriculture, the Iowa Department of Natural Resources, the US Environmental Protection Agency, among others. Kling chairs the Water Science and Technology Board of the National Academy of Sciences and has been a member of six National Research Council studies. She served as president of the Association of Environmental and Resource Economists, has held editorial positions at ten economics journals, and has received seven awards from professional associations for her research. She is an elected Fellow of the Association of Environmental and Resources Economists, the Agricultural & Applied Economics Association, and a University Fellow at Resources for the Future. She served for ten years on EPA's Science Advisory Board.

Instructions for Presenters

PRESENTATION FORMAT

A computer (MS Windows environment) is available in each room of the conference venue. Please bring your presentation on a USB stick. Make sure to copy your presentation onto the computer in the assigned room before your session. Your presentation file should be in Power-Point (.pptx or .ppt format) or pdf format. Please include your last name in the file name to avoid confusion.

ORGANISATION OF SESSIONS

Sessions will be 1 hour and 45 minutes. The time available for each paper is 25 minutes, of which 20 minutes are for the presentation and 5 minutes for the discussant's comments. Presenters should come to the room at least 10 minutes before the start of the session to allow time for the presentations to be copied to the computer. A conference assistant will be available near your room in case of technical difficulties. Please go to the assigned room well in advance so the chair of the session knows that you are present. Please respect your colleagues and keep to the allocated time for your presentation.

DISCUSSANTS

All presenters of regular papers are called upon to discuss a paper in the same session in which they present. Please note that discussants should provide comments and suggestions.

They should NOT summarise the paper (that is the presenter's task). PowerPoint slides to support your comments are not expected but if preferred then please make sure to upload before the start of the session. More detailed comments can be passed on to the presenter after the session, preferably in written form. Please check the detailed conference programme when it becomes available in June to see of which paper you are the discussant.

SESSION CHAIRS

One person in each session is designated as the Session Chair; please check the detailed conference programme when it becomes available in the coming days to see if you are the Chair of your session. Chairpersons should come to the room at least 10 minutes before the start of the session. Chairs should briefly introduce the session and the speakers, make sure the time available is divided equally and guide the discussion from the floor following each presentation. To see if you will be chairing your session please check the detailed conference programme when it becomes available in June. In the unlikely case where the scheduled chair does not attend, the presenter of the session's actual last paper is expected to take over the role of chair.

Any questions regarding these instruction and late cancellations should be sent to

programme-eaere2022@unibo.it.

Instructions for egg-timer presenters

PRESENTATION FORMAT

A computer (MS Windows environment) is available in each room of the conference venue. Please bring your presentation on a USB stick. Make sure to copy your presentation onto the computer in the assigned room earlier in the day of your egg-timer session. Your presentation file should be in PowerPoint (.pptx or .ppt format) or pdf format. Please include your last name in the file name to avoid confusion.

Here are some important guidelines to help make the ega-timer format work successfully:

- a. Seven minutes is not a long time so make sure you condense your message to fit the time frame.
- b. Your presentation should focus only on the key aspects of the paper. Please practice!
- c. You will find that you need very few slides.
- d. Be prepared for you presentation to be cut short by the session chair if you go over time.

ORGANISATION OF SESSIONS

The egg-timer sessions will run in parallel with paper presentation sessions, but will last approximately 60 minutes. Hence, you will be able to join the last 45 minutes of the longer paper presentation sessions at the end. One person in each session is designated as the Session Chair; please check the detailed conference programme when it becomes available in the coming days to see if you are the Chair of your session. If you are, you will be in charge of time management. The time available for each egg-timer paper is 10 minutes of which 7 minutes are for the presentation and 3 minutes for general discussion. The tight schedule means strict time restrictions, so please respect your colleagues and keep to the allocated time for your presentation.

Any questions regarding these instruction and late cancellations should be sent to

programme-eaere2022@unibo.it

EAERE at a Glance

EAERE at a Glance - www.eaere.org/



The European Association of Environmental and Resource Economists (EAERE) is an international scientific association which aims:

- to contribute to the **development** and **application** of environmental and resource economics as a science in Europe;
- to encourage and improve collaboration and communication between scholars, researchers, policymakers, students in environmental, climate and resource economics in different European countries;
- to develop and encourage the **cooperation** across universities and research institutions in Europe. Founded in 1990, EAERE has approximately 1,200 members in over 60 countries, from Europe and beyond, from academic and research institutions, international organisations, the public sector, and the business world.

Membership is open to individuals who by their profession, training and/or function are involved in environmental and resource economics as a science, and to institutions which operate in fields connected with the aims of the Association.

Through the Association's official Journals Environmental and Resource Economics (ERE) and Review of Environmental Economics and Policy (REEP), the Annual Conference, the annual Summer and Winter Schools, a reach communication outreach portfolio (quarterly Magazine, a monthly Newsletter and an active social media profile), policy outreach activities, and affiliation with our sister association in North America (AERE), EAERE provides many fora for exchanging ideas relevant to the allocation and management of natural and environmental resources.

ENVIRONMENTAL AND RESOURCE ECONOMICS (ERE) – EAERE OFFICIAL JOURNAL www.eaere.org/journals/ere/



Environmental and Resource Economics (ERE) primary concern the application of economic theory and methods to environmental issues and problems across a range of spatial and temporal scales up to the global dimension. Areas of particular interest include: the development and evaluation of environmental policy instruments and institutions; cost benefit analysis; modelling and simulation; the valuation of preferences for environmental goods; environmental quality indicators; etc.

The journal encourages a pluralistic approach to both theoretical and applied contributions as well as interdisciplinary work with all

areas of the natural and social sciences.

The journal has steadily grown in its international stature and is widely recognised as the premier European journal in the field. Recent years have seen strong growth in the number of submissions and the journal has developed a dynamic international reputation. EAERE suggests that you consider ERE as a publication outlet for your research in this field. ERE is published by Springer Science. EAERE offers a free electronic subscription to all its members and paper version subscription at a reduced price.

REVIEW OF ENVIRONMENTAL ECONOMICS AND POLICY (REEP) – EAERE OFFICIAL JOURNAL www.eaere.org/journals/reep/



Review of Environmental Economics and Policy (REEP) aims to fill the gap between traditional academic journals and the general interest press by providing a widely accessible yet scholarly source for the latest thinking on environmental economics and related policy. The Review publishes a range of material including symposia, articles, and regular features. Articles and symposia published by the Review are commissioned by the Editors, often in response to unsolicited proposals. The Editors welcome proposals for articles, symposia, and features.

EAERE offers a free electronic subscription to all its members and paper version subscription at a reduced price.

ANNUAL CONFERENCES - www.eaere.org/annual-conferences/

Each summer, EAERE organises its Annual Conference, an invaluable opportunity for meeting, exchanging and debating cur-rent topics in environmental and resource economics. With over 700 individual participants attending from all over the world, international researchers, scholars, economists and students convene to the EAERE Annual Conferences in the spirit of economic discovery, research, analysis and collaboration. Conferences are held in European countries and unite European participants together with their national and international neighbours.

Every four years since 1998, EAERE's Annual Conference is held within the World Congress of Environmental and Resource Economists - WCERE, an important international event organised together with the Association of Environmental and Resource Economists - AERE. From year 2018, the event is co-organised by AERE, EAAERE and EAERE. The next World Congress which will be held in 2026.

SCHOOLS - www.eaere.org/schools/

EAERE offers scholars, researchers and students a rich educational outreach portfolio comprised of its annual **Summer and Winter Schools**. The broader objective of this series of events is to provide advanced training for young researchers from all over Europe and beyond on environmental, climate and resource economics.

Next Schools:

EAERE Summer School in Resource and Environmental Economics, 3-9 July 2022 - Castle Seggau, Graz (Austria), School Co-ordinator: Daan van Soest, Tilburg University

EAERE-ETH Winter School on "Natural resources and development in resource-rich countries", 22-27 January 2023 - Monte Verità, Ascona (Switzerland), School Co-ordinator: Christa Brunnschweiler (University of East Anglia)

EAERE-ETH Winter School on "Climate Policies, Innovation, and International Competitiveness", 29 January – 3 February 2023 - Monte Verità, Ascona (Switzerland), School Co-ordinator: Aude Pommeret (Université Savoie Mont Blanc)

COMMUNICATION OUTREACH PORTFOLIO

- EAERE Website www.eaere.org/
- EAERE Highlights is a monthly newsletter that provides updates and announcements on news, events and open job positions to the EAERE community. Members' contributions are always welcome. - www.eaere.org/highlights/
- EAERE Magazine. The quarterly EAERE Magazine is published in January, April, July, and October. It is an outlet for new research, projects, and other professional news, and features articles that contribute to recent policy discussions and developments in the field of environmental and natural resource economics. Frank Convery, University College Dublin, Ireland is Editor of the EAERE

Magazine and Assistant Editor is Katie Johnson, Euro-Mediterranean Center on Climate Change, Italy. The contents of the Magazine are also disseminated via social media to reach a broad audience, including members of the Association and non-members, especially practitioners, civil servants, international organizations, and the policy world in general.

www.eaere.org/magazine/

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POLICY OUTREACH ACTIVITIES

News and documents about environmental policy decisions and debates worldwide are available in the "Policy News" section of the EAERE website - www.eaere.org/policy/_

This section includes also presents the activities carried out by the EAERE Policy Outreach Committee (POC). www.eaere.org/policy-outreach-committee/ The EAERE Policy Outreach Committee (POC) was established in year 2018, with the main objective of making the Association more influential in the EU policy arena. The Committee aims at: designing and propose new activities and actions that the Association can implement; becoming a relevant stakeholder for EU and international organisations; being invited to provide advice on policy decisions and research programs; setting a stage for a more integrated dialogue between academia and policy world; supporting policy institutions in developing countries.

• POC MEMBERS: Simone BORGHESI (Secretary), Barbara BUCHNER, Dominique BUREAU, Jos DEL-BEKE (Chair), Simon DIETZ, Ottmar EDENHOFER, Ben GROOM, Cameron HEPBURN, Ger KLAASSEN, Phoebe KOUNDOURI, Xavier LABANDEIRA, Aldo RAVAZZI, Thomas STERNER, Andrea TILCHE, Hermann VOLLEBERGH

ENDORSE THE STATEMENT ON THE EU'S LEGISLATIVE PROPOSALS ON CLIMATE CHANGE BY SIGNING IT!

The Policy Outreach Committee (POC) of the European Association of Environmental and Resource Economists (EAERE) prepared a statement on the EU's legislative proposals on climate change that is presented for endorsement to the whole scientific community in Europe and worldwide. It aims to draw the attention of policy-makers and public opinion on the implications of the legislative package and on some key challenges that need to be addressed in the future. While the package can be further improved, it takes a step in the right direction if we want to raise the ambition of the European climate policy and achieve climate neutrality by mid-century. A rapid implementation of more ambitious policies is of crucial importance to fulfil our commitments, particularly after COP26. _www.eaere.org/statement_eu_legislative_proposals/

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www.eaere.org/board/

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www.eaere.org/country-representatives/

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Country Representatives are EAERE Members in good standing who are appointed by the EAERE Council to facilitate the communication between the Association and individual countries. Their action is meant to strengthen the Association's presence in individual countries and therefore to help the Association to further its aims.

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www.eaere.org/institutional-membership/

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- Venice International University VIU, Italy
- Wageningen University, Environmental Economics and Natural Resources, Netherlands

EAERE Awards 2022

The following awards and recognitions will be granted in 2022:

EAERE FELLOWS PROGRAMMME - www.eaere.org/fellows/

The EAERE Fellows programme was instituted in 2019 to recognize outstanding contributions in the field of environmental and resource economics. EAERE fellows must have contributed to the advancement of the profession of environmental and resource economists through outstanding publications, and/or important roles in the policy word, and/or important roles in the Association's governance and/or activities.

• EUROPEAN AWARD FOR RESEARCHERS IN ENVIRONMENTAL ECONOMICS UNDER THE AGE OF FORTY - www.eaere.org/award-for-researchers-under-the-age-of-forty/

The European Award for Researchers in Environmental Economics under the Age of Forty is a recognition given every year to the environmental economist under the age of forty who is judged to have made the most significant contribution to environmental economic thought and knowledge. If there is a significant body of joint work, the prize may be awarded jointly to two recipients provided that both recipients are under the age of forty. The Award is honorary and materially consists of Springer books vouchers to the value of EUR 1.000.

• EAERE AWARD FOR OUTSTANDING PUBLICATION IN THE JOURNAL ENVIRONMENTAL AND RE-SOURCE ECONOMICS - www.eaere.org/outstanding-publication-in-ere/

The EAERE Award for Outstanding Publication in the JOURNAL ENVIRONMENTAL AND RESOURCE ECONOMICS (ERE), recognizes exemplary research published in ERE during the past year. Any article published in ERE during the preceding year is eligible for this award. There is no requirement that the author(s) be a member of EAERE. Winners are awarded with Springer books vouchers to the value of EUR 550 and a cash amount of EUR 750, to be divided equally between co-authors.

· EAERE AWARD FOR BEST DOCTORAL DISSERTATIONS IN ENVIRONMENTAL AND RESOURCE ECONOMICS - www.eaere.org/best-european-doctoral-dissertation-award/

The EAERE Award for Best Doctoral Dissertations in Environmental and Resource Economics is given to encourage and recognize outstanding and innovative academic achievement in the field of Environmental and Resource Economics. Three dissertations will be awarded every year after peer review of all submissions. Dissertations may be on any topic of relevance to Environmental and Resource Economics. Dissertations must have been written as part of a graduate course of study at an accredited academic European institution and defended in the calendar year preceeding the year in which the award is announced.

• EAERE AWARD FOR ERC GRANTS LAUREATES IN THE FIELD OF ENVIRONMENTAL AND RESOURCE ECONOMICS - www.eaere.org/erc-grants-laureates/

The "EAERE Award for ERC Grants laureates in the field of environmental and resource economics" intends to recognize the scientific excellence of ERC individual grantees (Starting Grants, Consolidator Grants and Advanced Grants). It aims at welcoming Awardees to the EAERE community by granting them a complimentary membership for the time of their ERC Grants. Awardees are offered to publish regularly outputs of their research projects via the EAERE magazine, communication channels and social networks, so that EAERE members will be constantly updated about the progresses of the results of frontier research in Europe.

Scientific Programme Committee

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Contacts

For general conference information, please contact the Local Organising Committee at eaere2022@unibo.it.

For questions related to paper submissions and thematic sessions, please contact the Programme Committee at: programme-eaere2022@unibo.it.

For questions related to registrations, please contact EAERE at: eaere@eaere.org.

EAERE Conference 2022

Rimini - Italy, June 28th-July 1st, 2022

27TH ANNUAL CONFERENCE



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