



EU CONEXUS

1st Research Workshop
in Agricultural University
of Athens



PROGRAM - 1-2 JUNE

Perspectives in **Smart Urban Coastal**
Sustainability Research

WEDNESDAY, 1 JUNE 2022

Building: Conference Centre Auditorium

10.00-10.10	Welcome. Prof. Spyridon Kintzios – Rector of Agricultural University of Athens. Introduction to the workshop.
10.10-10.30	Invited talk: Prof. Eleni Miliou - EU-CONEXUS WP Research Lead Creating research network in EU-CONEXUS
10.30-11.10	Research profiles of EU-CONEXUS members: 10.30 -La Rochelle University LRUniv 10.50 -Klaipeda University KU
11.10-11.30	COFFEE BREAK Research profiles of EU-CONEXUS members: 11.30 -Agricultural University of Athens AUA 11.50 -Frederick University FredU 12.10 -Technical University of Civil Engineering UTCB
12.30-13.30	LUNCH
13.30-14.30	Research profiles of EU-CONEXUS members (continue): 13.30 -University of Zadar UNIZD 13.50 -Catholic University of Valencia UCV 14.10 -South East Technological University SETU 14.30 -University of Rostock UROS
14.50-15.10	Invited talk: Prof. Jean-Marc Ogier - EU-CONEXUS President: LRUniv Creating EU-CONEXUS impact on coastal societies by our focus on Smart Urban Coastal Sustainability
15.10-15.30	COFFEE BREAK
15.30-17.30	JRI PARALLEL SESSIONS (see page 4) 
17.30-19.30	AUA Campus walk tour / LAB VISIT
20.00	Dinner – AUA Campus – Agricultural Museum

THURSDAY, 2 JUNE, 2022

09.00-11.10	JRI PARALLEL SESSIONS 2 see page 5	- - - - ->
11.10-11.30	COFFEE BREAK	
11.30-13.10	JRI PARALLEL SESSIONS 3 see page 6	- - - - ->
13.10-14.10	LUNCH	
14.10-16.10	Round tables of Joint Research Institutes <u>Building: Library Amphitheater</u>	
16.10-16.30	COFFEE BREAK	
16.30-17.30	Plenary: Outcome presentations from Joint Research Institutes (JRI heads)	
17.30-17.50	Plenary: summary and joint discussion: joint activities and networking tools in JRI, organization of networking within JRI; interdisciplinarity issues	
17.50-18.00	WORKSHOP CLOSURE	

WEDNESDAY, 1 JUNE 2022 | JRI PARALLEL SESSIONS 1

LSBI ~ HALL1

Life Sciences and
Biotechnology Institute

- 15.30 Blue Biotechnology Research in the Biotechnology Department of AUA, *Manolis Flemetakis, AUA*
- 15.50 Novel cell-based biosensors, *Georgia Moschopoulou, AUA*
- 16.10 Health research at Klaipeda University: situation and perspectives, *Aelita Skarbaliene, KU*
- 16.30 Research in Health Sciences at UCV, *Javier Sancho Pelluz, UCV*
- 16.50 Novel bioactive compounds with Health and Environmental potentials from Marine sources (micro/macroalgae; bacteria; fish co-products), *Ingrid Fruitier-Arnaudi, Stéphanie Bordenave-Juchereau, Sophie Sablé & Isabelle Lanneluc, LRUUniv*
- 17.10 FredU research on Life Sciences and Biotechnology, *Costas Kyriakou, FredU*

ESBI ~ HALL2

Environmental Sciences and
Biodiversity Institute

- 15.30 Assessing an anthropogenic contamination in a coastal zone, *Arūnas Balčiūnas, KU*
- 15.50 Assessing recreational water quality of coastal and transitional environments, *Marija Kataržytė, KU*
- 16.10 From biodiversity to coupled modelling: coastal and marine research in the Klaipeda University, *Artūras Razinkovas-Baziukas, KU*
- 16.30 Valorization of ecosystem services through IMEDMAR-UCV: underwater trail and fisherman-scientist relationship, *José Tena Medialdea, UCV*
- 16.50 Effects of urbanisation and climate change on coastal fisheries: Management for sustainability, *Stefanos Kalogirou, AUA*
- 17.10 Opportunities to reduce nutrient losses from agricultural land, *Bettina Eichler-Löbermann, UROS*

CEI ~ HALL3

Coastal Engineering
Institute

- 15.30 Adaptation for Coastal Areas of the UTCB-OSIM Ro Patent Project "Prefabricated bath module for isolated homes in rural areas", *Laurentiu Rece & Florin Baltaretu, UTCB*
- 15.45 Urban underground space of our cities, *Dragos Gaitanaru, UTCB*
- 16.00 UTCB in Solar Decathlon competition, *Ancuta Neagu & Florin Baltaretu, UTCB*
- 16.15 Indoor environment quality and energy-efficient systems - changing the paradigm for resilient cities of the future, *Ilinca Nastase, UTCB*
- 16.30 EENVIRO - EU-CONEXUS & UTCB Research Conference, *Ilinca Nastase, UTCB*
- 16.45 Contributions for resilient coastal and offshore infrastructure assets, *Emilio Bastidas-Arteaga, LRUUniv*
- 17.00 The ocean helping to consolidate the coastline, *Marc Jeannin, LRUUniv*
- 17.15 EU-CONEXUS Research Portal, *Louis Papageorgiou, AUA*

SCHSI ~ HALL4

Social, Culture and
Human Sciences Institute

- 15.30 Development and sustainability of the Institute of Social, Cultural and Human Sciences: perspective, resources and capacities of the University of Zadar, *Daliborka Luketić, Andrea Tokić & Zvezdan Penezić, UNIZD*
- 16.00 Klaipeda University: capacity and potential for joint collaboration in SH science, *Rasa Viederytė, Liutauras Kraniauskas & Julija Melnikova, KU*
- 16.30 Research profiles from the Department of Regional and Economic Development, Campus of Amfissa, *Angeliki N. Menegaki, AUA*
- 17.00 Organizational Innovation & Management Systems (ORIMAS) Laboratory: Current Research Activities, Future Trends & Challenges, *Panagiotis Trivellas & Anna Anastasopoulou, AUA*

THURSDAY, 2 JUNE, 2022 | JRI PARALLEL SESSIONS 2

LSBI ~ HALL1

Life Sciences and
Biotechnology Institute

- 09.00 Advances in aquaculture research and development for sustainable seafood production, *Manolis Malandrakis, AUA*
- 09.20 Modelling and experimentation in food engineering, *Adrian Ghiaus, UTCB*
- 09.40 Precision Medicine and Genetics, *Dimitrios Vlachakis, AUA*
- 10.00 EU-CONEXUS Research Portal, *Louis Papageorgiou, AUA*
- 10.20 Blue bioeconomy activities at Klaipeda University, *Nerijus Nika, KU*
- 10.40 Resources and collaboration opportunities, *Tomislav Šarić & Marijana Matek Sarić, UNIZD*

ESBI ~ HALL2

Environmental Sciences and
Biodiversity Institute

- 09.00 Biodiversity in coastal European environments: joint research and monitoring for conservation, *Eleni Miliou, AUA*
- 09.20 EU-CONEXUS Research Portal, *Louis Papageorgiou, AUA*
- 09.40 Actions for the conservation of *Pinna nobilis* at IMEDMAR-UCV, *José Rafael García March, UCV*
- 10.10 AI applied to top marine predators as ocean samplers : connecting wild seals in real-time, *Muriel Visani, LRUUniv*
- 10.40 State and potential for networking, *Janja Filipi & Zoran Šikić, UNIZD*

CEI ~ HALL3

Coastal Engineering
Institute

- 09.00 Fluid-structure interaction and reduced order modeling in a coastal engineering context, *Erwan Liberge, LRUUniv*
- 09.20 Smart Sustainable (eco-)Systems, *Petra Gomez-Krämer, LRUUniv*
- 09.40 Global-local damage analysis of dynamic structures and manufacturing of novel materials, *Sinead O'Hallorhan, SETU*
- Smart coastal areas management towards holistic approaches, *Christos Karavitis, Athena Tsoumaki & Ioannis Papanikolaou, AUA*
- 10.00 Towards Sustainable Blue-Green Economy - Decarbonisation of shipping and increase of energy efficiency, *Vasilij Djakov, KU*
- 10.45 Towards Sustainable Blue-Green Economy - Resource-saving technologies based on the principles of the circular economy, *Tatjana Paulauskiene & Audrius Senulis, KU*
- 10.55 An Unmanned Surface Vessel (USV), with a Micro:bit STEAM ecosystem for enabling citizens scientist missions, *Jason Berry, SETU*

SCHSI ~ HALL4

Social, Culture and
Human Sciences Institute

- 09.00 Digital humanities in La Rochelle Université and EU-CONEXUS, and where computer science and SSH might best fit in SmUCS, *Antoine Doucet, LRUUniv*
- 09.25 The atlantic initiatory narrative, *Charles Brion, LRUUniv*
- 09.50 Digital Humanities and Trust, *Mickael Coustaty, LRUUniv*
- 10.15 Interdisciplinarity & social engagement through arts & culture, *Diego Jarak, LRUUniv*
- 10.40 EU-CONEXUS Research Portal, *Louis Papageorgiou, AUA*
- 10.55 EENVIRO - EU-CONEXUS & UTCB Research Conference, *Anca Margineanu, UTCB*

THURSDAY, 2 JUNE, 2022 | JRI PARALLEL SESSIONS 3

LSBI ~ HALL1

Life Sciences and
Biotechnology Institute

- 11.30 EENVIRO - EU-CONEXUS & UTCB Research Conference, *Anca Margineanu, UTCB*
- 11.50 Advanced Materials for Biomedical Applications, *Ángel Serrano, UCV*
- 12.10 Nature-based Wellness Tourism for the Development of Coastal Sustainability, *Diana Șaparnienė, KU*
- 12.30 Veterinary and animal sciences at UCV, *Jose Sansano Maestre, Antonio Calvo, UCV*
- 12.50 Coastal, Marine and sustainability based research at SETU, *Mike Kinsella, SETU*

ESBI ~ HALL2

Environmental Sciences and
Biodiversity Institute

- 11.30 Underground space for future resilient cities, *Dragoș Gaitanaru, UTCB*
- 11.50 Coastal zone research at the interdisciplinary faculty of the University of Rostock - potentials for common approaches, *Hendrik Schubert, UROS*
- 12.10 EENVIRO - EU-CONEXUS & UTCB Research Conference, *Anca Margineanu, UTCB*
- 12.30 Environmental and Coastal Sustainability Research at Frederick University, *Christos Mammides, FredU*

CEI ~ HALL3

Coastal Engineering
Institute

- 11.30 Towards Sustainable Blue-Green Economy - Advanced information engineering and digitalization technologies, *Mindaugas Kurmis, KU*
- 11.50 Data-driven modeling and optimization in maritime engineering, *Josip Orović & Marko Valčić, UNIZD*
- 12.10 Estimating the Hydrodynamic Load and its Impacts on Coasts - a Challenging Task, *Arne Arns, UROS*
- 12.30 FredU research actions in coastal engineering and planning, and blue development, and prospects within EU-CONEXUS, *Charalambos Chasos & Byron Ioannou, FredU*
- 12.50 Overview of the research portfolio in the Walton Institute, *Deirdre Kilbane, SETU*

SCHSI ~ HALL4

Social, Culture and
Human Sciences Institute

- 11.30 The Catholic University of Valencia and its commitment to the great challenges of the social and human sciences in the 21st century: the path towards a more sustainable society, *Carmen Moret, Antonio Vidal Matzanke, UCV*
- 12.55 Educational Sciences at UTCB - current activities and potential for future collaboration at SCHS Institute, *Maria Goga, UTCB*
- 12.20 Contributions from Environmental and Climate Economics, *Michael Rauscher, UROS*
- 12.45 Investigating Social and Cultural Context at Frederick University, *Lora Nicolaou, FredU*