



# Aquatic and Coastal Ecosystems: Challenges and Opportunities towards Sustainable Development

THURSDAY, NOVEMBER 16, 2023 - HANSEMESSE ROSTOCK  
ZUR HANSEMESSE 1-2, 18106 ROSTOCK

- 09:00 – 12:30 MORNING SESSION
- 12:30 – 14:00 LUNCH BREAK
- 14:00 – 17:30 PARALLEL SESSIONS
- [Session 1 Coastal Engineering](#)
  - [Session 2 Social, Culture and Human Sciences](#)
  - [Session 3 Life Sciences and Biotechnology](#)
  - [Session 4 Environmental Sciences and Biodiversity](#)
- 18:30 EVENING RECEPTION AT CITY HALL – RATHAUS ROSTOCK

FRIDAY, NOVEMBER 17, 2023 - CITY HALL – RATHAUS ROSTOCK  
NEUER MARKT 1A, 18055 ROSTOCK

- 09:00 – 10:30 MORNING SESSION
- 10:30 – 11:00 COFFEE BREAK
- 11:00 – 12:30 PARALLEL SESSIONS
- [Session 1 Coastal Engineering](#)
  - [Session 2 Social, Culture and Human Sciences](#)
  - [Session 3 Life Sciences and Biotechnology](#)
  - [Session 4 Environmental Sciences and Biodiversity](#)
- 12:30 – 14:00 LUNCH BREAK
- 14:00 – 17:00 PARALLEL SESSIONS
- 17:00 – 17:30 CLOSING REMARKS

# Thursday, November 16th

## HanseMesse, Rostock

### Chairperson:

Bettina Eichler-Löbermann (Germany/University of Rostock/Prof)

Wolfgang Schareck (Germany/University of Rostock/Prof)

09:00 – 09:30	<b>WELCOME</b> Jean-Marc Ogier (La Rochelle Université, Chair of the EU-CONEXUS Governing Board), Wolfgang Schareck (Former Rector, University of Rostock)
09:30 – 10:00	<b>TREND IN NATURAL PRODUCT FROM AQUATICS ECOSYSTEMS</b> Pedro Leao (University of Porto, CIIMAR - Interdisciplinary Centre of Marine and Environmental Research)
10:00 – 10:30	<b>WASTEWATER MANAGEMENT IN COASTAL AREAS - A CASE STUDY FROM ALBANIA</b> Gabriel Racoviteanu (Technical University of Civil Engineering Bucharest)
10:30 – 11:00	<b>COFFEE BREAK</b>
11:00 – 11:30	<b>BACTERIOPHAGES: FROM MOLECULAR BIOLOGY TO PHAGE THERAPY</b> Emmanouil Fletmetakis (Agricultural University of Athens)
11:30 – 12:00	<b>INTERNATIONAL AND/OR EUROPEAN LEGAL FRAMEWORK FOR SUSTAINABLE COASTAL DEVELOPMENT</b> Björn Schiffbauer (University of Rostock)
12:00 – 12:20	<b>PHD ACTIONS IN EU-CONEXUS</b> Loretta Batali and Ilinca Nastase (EU-CONEXUS)
12:20 - 12:30	<b>INNOVATION CONTEST</b> Sabine Brüser (EU-CONEXUS)
12:30 – 14:00	<b>LUNCH BREAK</b>

# 16<sup>th</sup> November

## PARALLEL SESSION 1 - COASTAL ENGINEERING

### Chairperson:

Vytautas Paulauskas (Lithuania/Klaipeda university/Prof)

Grigoris Kalnis (Cyprus/Frederick University/Prof)

14:00 – 14:15	<b>WELCOME</b> Florin Baltaretu (Head of the Coastal Engineering Institute/Romania/Technical University of Civil Engineering Bucharest/Prof)
14:15 – 14:30	<b>CÚPLA-TRÁ: FOSTERING COASTAL ECOSYSTEM RESILIENCE THROUGH THE FUSION OF DIGITAL TWIN TECHNOLOGY AND LANDSCAPE BIOGRAPHY</b> Emily Shakespeare (Ireland/South East Technological University/Postdoc)
14:30 – 14:45	<b>URBAN GROUNDWATER SUSTAINABLE MANAGEMENT</b> Stefan Dragos Gaitanaru (Romania/Technical University of Civil Engineering Bucharest/Postdoc)
14:45 – 15:00	<b>IMPROVING COASTAL WATER QUALITY IN PROTECTED AREAS – CASE STUDY HIMARA, ALBANIA</b> Gabriel Racoviteanu (Romania/Technical University of Civil Engineering Bucharest/Prof)
15:00 – 15:15	<b>DIGITAL TWIN TECHNOLOGIES FOR EFFECTIVE URBAN DECARBONIZATION</b> Cristiana Croitoru (Romania/Technical University of Civil Engineering Bucharest/Prof)
15:15 – 16:30	<b>POSTER SESSION</b>
16:30 – 16:45	<b>COASTAL RISK MANAGEMENT: SEA LEVEL RISE IMPACT ON COMPOUND FLOOD RISK IN KLAIPEDA PORT-CITY</b> Inga Dailidienė (Lithuania/Klaipeda University/Prof)
16:45 – 17:00	<b>INVESTIGATION OF MITIGATION MEASURES FOR CARBON DIOXIDE, SOOT AND NITROGEN OXIDE EMISSIONS OF MARINE VESSEL DIESEL INTERNAL COMBUSTION ENGINES AT SEA AND COASTAL AREAS</b> Charalambos Chasos (Cyprus/Frederick University/Prof)
17:00 – 17:15	<b>SIMPLE POTENTIAL ANALYSIS FOR INFILTRATION IN ROSTOCK USING GEODATA</b> Ove Syring (Germany/University of Rostock/PhD Student)
17:15 – 17:30	<b>METHODS FOR REDUCING THE SHIP'S FUEL OIL CONSUMPTION AND EXHAUST GAS EMISSIONS</b> Josip Orović (Croatia/University of Zadar/Prof)

## COASTAL ENGINEERING INSTITUTE (CEI) POSTER SESSION

**RESEARCH ON WAVE ENERGY ATTENUATION USING SUBMERGED MATS**  
Alexandru Dimache (Romania/Technical University of Civil Engineering Bucharest/Prof)

**CHALLENGES OF ESTIMATING ENVIRONMENTAL IMPACT FROM THE SHIPS EXHAUST GASES**  
Vlatko Knežević (Croatia/University of Zadar/PhD Student)

**QUANTIFICATION AND IMPLEMENTATION CHALLENGES OF WEATHER FORECAST UNCERTAINTIES FOR OPTIMAL SHIP ROUTING**  
Josip Orović (Croatia/University of Zadar/Prof)

**THE IMPACT OF SENSOR NETWORKS ON AIR POLLUTION AWARENESS AND REDUCTION IN CITIES**  
Florin Bode (Romania/Technical University of Civil Engineering Bucharest/Prof)

**COMPARATIVE STUDY OF CORAL ECOSYSTEM FOR MARINE ENVIRONMENTAL SUSTAINABILITY, SEAFOOD SECURITY AND DISASTER RISK MANAGEMENT IN BATTICALOA DISTRICT, SRI LANKA**  
Thirumal Thayaruban (Sri Lanka/Marine Environment Protection Authority/Other)

# 16<sup>th</sup> November

## PARALLEL SESSION 2

### SOCIAL, CULTURE AND HUMAN SCIENCES

#### Chairperson:

[Björn Schiffbauer \(Germany/University of Rostock/Prof\)](#)

14:00 – 14:15	<b>WELCOME</b> <a href="#">Björn Schiffbauer (Germany/University of Rostock/Prof)</a>
14:15 – 14:30	<b>DEVELOPMENT OF A FRAMEWORK FOR MICRO CREDENTIALS IN SMART URBAN COASTAL SUSTAINABILITY</b> <a href="#">Niamh O' Brien (Ireland/South East Technological University/Other)</a>
14:30 – 14:45	<b>TOPIC MODELING BASED ON RESEARCH ARTICLES ABOUT ADRIATIC SEA</b> <a href="#">Neven Pintarić (Croatia/University of Zadar/Postdoc)</a>
14:45 – 15:00	<b>THE SUSTAINABLE GOVERNANCE OF PORT ORGANIZATIONAL ECOSYSTEM TO ENHANCE COASTAL REGIONS RESILIENCE: A THEORETICAL MODEL</b> <a href="#">Elena Valionienė (Lithuania/Klaipeda University/Postdoc)</a>
15:00 – 15:15	<b>WHERE DOES THE STORMWATER COME FROM? ANALYZING SOIL SEALING AND LAND USE OF URBAN NEAR-SHORE CATCHMENTS</b> <a href="#">Jannik Schilling (Germany/University of Rostock/PhD Student)</a>
15:15 – 16:30	<b>POSTER SESSION</b>
16:30 – 16:45	<b>LEGAL PERSPECTIVES OF THE CONCEPT OF NATURE-BASED SOLUTIONS IN COASTAL AREAS</b> <a href="#">Yamissa Ouattara Arouna (France/La Rochelle Université/PhD Student)</a>
16:45 – 17:00	<b>PROPERTY AND EXPLOITATION OF THE FISHING WATERS IN THE KINGDOM OF SWEDEN DURING THE LATE MIDDLE AGES (13TH-15TH C.)</b> <a href="#">Tobias Boestad (France/La Rochelle Université/Other)</a>
17:00 – 17:15	<b>EXAMINING THE DRIVERS THAT SHAPE SUSTAINABLE CONSUMER BEHAVIORAL INTENTIONS OF REGIONAL LEISURE AND VISITING FRIENDS AND RELATIVES (VFR) PASSENGERS IN THE IRISH AVIATION INDUSTRY</b> <a href="#">Amy Whelan (Ireland/South East Technological University/PhD Student)</a>
17:15 – 17:30	<b>ENVIRONMENTALISM, ECOREGIONS AND SHARED REGIONAL IDENTITY: A CASE OF THE MEDITERRANEAN ACTION PLAN</b> <a href="#">Deepika Matange (India/Jawaharlal Nehru University/PhD Student)</a>

## SOCIAL CULTURE AND HUMAN SCIENCES INSTITUTE (SCHSI) POSTER SESSION

**ADVANTAGES AND LIMITATIONS OF INTERNATIONAL COMPARATIVE PUBLIC ADMINISTRATION (ICPA) RESEARCH FOR SUSTAINABLE WASTE MANAGEMENT POLICIES IN COASTAL CITIES**  
[Alexandre Camino \(France/La Rochelle Université/PhD Student\)](#)

**URBAN & COASTAL LAB LA ROCHELLE, A SCIENTIFIC PLATFORM OF DATA AND MODELS FOR INTERDISCIPLINARY RESEARCH**  
[Anaïs Schmitt \(France/La Rochelle Université/Engineer\)](#)

# 16<sup>th</sup> November

## PARALLEL SESSION 3

### LIFE SCIENCES AND BIOTECHNOLOGY

#### Chairperson:

Mike Kinsella (Ireland/South East Technological University/Prof)

Jeronimo Chirivella (Spain/Catholic University of Valencia/Prof)

14:00-14:15	<b>WELCOME</b> Emmanouil Fliemetakis (Head of the Life Sciences and Biotechnology Institute/Greece/Agricultural University of Athens/Prof)
14:15-14:30	<b>ANTIMICROBIAL ALGINATE-BASED FILMS FOR BIOMEDICAL APPLICATIONS</b> Alba Cano-Vicent (Spain/Catholic University of Valencia/PhD Student)
14:30-14:45	<b>A SUSTAINABLE APPROACH TO OIL SPILL CLEAN-UP</b> Rafael Picazo Espinosa (Lithuania/Klaipeda University/PhD Student)
14:45-15:00	<b>ADVANCED BIOSENSORS FOR ENVIRONMENTAL POLLUTION MONITORING: A CASE STUDY WITH AZOXYSTROBIN</b> Georgia Tsolomyti (Greece/Agricultural University of Athens/Postdoc)
15:00-15:15	<b>SAFETY EVALUATION OF EDIBLE PACKAGING MEMBRANES FOR FOOD STORAGE</b> Aikaterini Kalliampakou (Greece/Agricultural University of Athens/Postdoc)
15:15 – 16:30	<b>POSTER SESSION</b>
16:30 – 16:45	<b>APPLICABILITY OF THE PURIFIED BIOSURFACTANT OBTAINED FROM PSEUDOMONAS CITRONELLIS 620C IN WATER PURIFICATION</b> Maria Rikkou-Kalourkoti (Cyprus/Frederick University /Prof)
16:45 – 17:00	<b>AQUACULTURE WASTE VALORISATION WITH BLACK SOLDIER FLY LARVAE: A CIRCULAR CONCEPT</b> Shikha Ojha (Ireland/South East Technological University/Prof)
17:00 – 17:15	<b>BEHAVIORAL RESPONSES RELATED TO DOMINATION OF GILT HEAD SEABREAM INDIVIDUALS ON POPULATION STRUCTURE CHANGE</b> Christina Zantioti (Greece/ Agricultural University of Athens/PhD Student)
17:15 – 17:30	<b>VALORIZATION AND CHARACTERIZATION OF WILD AND CULTIVATED SEAWEEDS FROM RÉ ISLAND WITH INTEGRATED MULTITROPHIC AQUACULTURE USING BIOREMEDIATION AND SEASONALITY</b> Jonathan Izambart (France/La Rochelle Université/Other)

## LIFE SCIENCES AND BIOTECHNOLOGY INSTITUTE (LSBI) POSTER SESSION

#### DARK GENOME AND ITS REGULATION BY LONG NON-CODING RNAs

Katerina Pierouli (Greece/ Agricultural University of Athens/PhD Student)

#### USING MOLECULAR MODELLING PIPELINES FOR THE DESIGNING OF ANTIBODY DRUG CONJUGATES

Eleni Papakonstantinou (Greece/ Agricultural University of Athens/PhD Student)

#### BIOINFORMATIC ANALYSIS OF MORE THAN 60.000 FULL HUMAN GENOME SEQUENCES: AN IN-DEPTH VIEW OF MOLECULAR INTERACTIONS BETWEEN NUCLEAR RECEPTORS, THEIR COFACTORS, ENZYMES, AND EPIGENETIC MEDIATORS

Thanasis Mitsis (Greece/ Agricultural University of Athens/Postdoc)

# 16<sup>th</sup> November

## PARALLEL SESSION 4

### ENVIRONMENTAL SCIENCES AND BIODIVERSITY

#### Chairperson:

Jurate Lesutiene (Lithuania/Klaipeda university/Prof)

Zoran Šikić (Croatia/University of Zadar/Prof)

14:00 – 14:15	<b>WELCOME</b> Artūras Razinkovas-Baziukas (Head of the Environmental Sciences and Biodiversity Institute/Lithuania/Klaipeda University/Prof)
14:15 – 14:30	<b>DEEP LEARNING SEMANTIC SEGMENTATION AND TEXTURAL FEATURES EXTRACTION ALGORITHMS FOR BENTHIC HABITAT FEATURES CLASSIFICATION</b> Saulė Medelytė (Lithuania/Klaipeda University/PhD Student)
14:30 – 14:45	<b>A CASE STUDY OF PHYTOSANITARY PRACTICES OF VEGETABLE GROWERS AND AGRICULTURAL PESTICIDE CONTAMINATION LEVELS IN COASTAL LAGOONS OF WEST AFRICA</b> Denis Worlanyo Aheto (Ghana/University of Cape Coast - Africa Center of Excellence in Coastal Resilience (ACECoR)/Prof)
14:45 – 15:00	<b>LIGHT ATTENUATION IN THE SHALLOW COASTAL AREAS OF MECKLENBURG-VORPOMMERN, GERMANY: IMPLICATIONS FOR COASTAL ECOSYSTEMS</b> Aminah Kaharuddin (Germany/University of Rostock/PhD Student)
15:00 – 15:15	<b>POSIDONIA OCEANICA MEADOWS OF CYPRUS; THE MOST IMPORTANT MARINE ECOSYSTEM OF COASTAL WATERS THREATENED MOSTLY BY LAND-BASED ACTIVITIES</b> Demetris Kletou (Cyprus/Frederick University/Prof)
15:15 – 16:30	<b>POSTER SESSION</b>
16:30 – 16:45	<b>THE EFFECT OF TEMPERATURE, ACIDITY, AND THE AVAILABILITY OF NUTRIENTS ON THE INTERACTIONS BETWEEN MARINE BACTERIA AND BACTERIOPHAGES</b> Polyxeni Papazoglou (Greece/Agricultural University of Athens/Other)
16:45 – 17:00	<b>DIVERSITY AND TEMPORAL DISTRIBUTIONS OF FISH PLANKTON IN AMORGOS ISLAND (CENTRAL AEGEAN SEA)</b> Konstantinos Kavakakis (Greece/Agricultural University of Athens/Other)
17:00 – 17:15	<b>ECOLOGICAL STUDY FOR THE REVALORIZATION OF PORT HABITATS: SOLUTIONS BASED ON ECO-CONCRETE</b> Víctor Tena Gascó (Spain / Catholic University of Valencia-IMEDMAR and UPV /PhD Student)
17:15 – 17:30	<b>EMERALD GROWTH: FRAMEWORK FOR THE SUSTAINABILITY OF TRANSITIONAL WATERS</b> Artūras Razinkovas-Baziukas (Lithuania/Klaipeda University/Prof)

## ENVIRONMENTAL SCIENCES AND BIODIVERSITY INSTITUTE (ESBI) POSTER SESSION

**THE REPRODUCTIVE BIOLOGY OF OCTOPUS VULGARIS CUVIER, 1797 IN THE VALENCIAN COMMUNITY (SPAIN, NW MEDITERRANEAN): AN ESSENTIAL TOOL FOR FISHERIES MANAGEMENT**

Marc Duque Femenia (Spain/Catholic University of Valencia/Other)

**OXYGEN REGIME, TOTAL PHOSPHORUS AND ORTHOPHOSPHATE ON FISH FARMS**

Zoran Zorić (Croatia/University of Zadar/Prof)

**STRATEGIES FOR ENVIRONMENTAL ANALYSIS AND MONITORING USING LASER-INDUCED BREAKDOWN SPECTROSCOPY (LIBS)**

Haider Al-Juboori (Ireland/South East Technological University/Other)

**UTILIZATION OF WATER CARE MATERIAL (WCM) FROM WATER MAINTENANCE AS A CONCEPT TO TACKLE EUTROPHICATION OF SURFACE WATER BODIES**

Sebastin Foth (Germany/University of Rostock/PhD Student)

# Friday, November 17th

## City Hall, Rostock

### Chairperson:

Ana de Luis Margarit (Spain/Catholic University of Valencia/Prof)

Charalambos Chasos (Cyprus/Frederick University/Prof)

09:00 – 09:10	<b>WELCOME</b> Bettina Eichler-Löbermann (University of Rostock)
09:10 – 09:35	<b>PEATLAND REWETTING – THE GOLDEN BULLET FOR CLIMATE CHANGE MITIGATION?</b> Nicole Wrage-Mönnig (University of Rostock)
09:35 – 10:00	<b>AI AS A GAME CHANGER FOR SUSTAINABLE MARINE ENVIRONMENTS</b> Oliver Zielinski (Leibniz Institute for Baltic Sea Research (IOW))
10:00 – 10:30	<b>THE ROLE OF THE RESEARCH INFRASTRUCTURES IN BIODIVERSITY AND ECOSYSTEM RESEARCH: INTERFACE BETWEEN SCIENCE AND TECHNOLOGY</b> Christos Arvanitidis (LifeWatch-ERIC, Institute of Marine Biology, Biotechnology and Aquaculture (IMBBC))
10:30 – 11:00	<b>COFFEE BREAK</b>
11:00 – 12:30	<b>PARALLEL SESSIONS</b>
12:30 – 14:00	<b>LUNCH BREAK</b>
14:00 – 17:00	<b>PARALLEL SESSIONS</b>
17:00 – 17:30	<b>CLOSING REMARKS</b>

# 17<sup>th</sup> November

## PARALLEL SESSION 1

### COASTAL ENGINEERING

#### Chairperson:

Cristiana Croitoru (Romania/Technical University of Civil Engineering Bucharest/Prof)

Josip Orović (Croatia/University of Zadar/Prof)

11:00 – 11:15	IMPROVING THE ENVIRONMENT OF PORT CITIES BY OPTIMIZING THE SPEED OF SHIPS THROUGH THE PORT CHANNELS <a href="#">Vytautas Paulauskas (Lithuania/Klaipeda University/Prof)</a>
11:15 – 11:30	SIMULATING COOPERATIVE OPERATIONS OF SWARMS OF AUTONOMOUS UNDERWATER VEHICLES <a href="#">Peter Danielis (Germany/University of Rostock/Other)</a>
11:30 – 11:45	RESEARCH ON HYDRODYNAMIC QUALITIES OF AN ELECTRIC DRIVEN FERRY <a href="#">Vasilij Djackov (Lithuania/Klaipeda University/Prof)</a>
11:45 – 12:00	MANAGEMENT OF URBAN RESILIENCE: A COMPREHENSIVE REVIEW <a href="#">Ionut-Bogdan Gheorghe (Romania/Technical University of Civil Engineering Bucharest/PhD Student)</a>
12:00 – 12:15	A REVIEW REGARDING WATER CARBON NEXUS IN THE URBAN CONTEXT: TOWARDS SUSTAINABLE CITY MANAGEMENT <a href="#">Mihnea Sandu (Romania/Technical University of Civil Engineering Bucharest/Prof)</a>
12:15 – 12:30	EXPERIMENTAL RESEARCH OF INNOVATIVE COMPOSITE OFFSHORE REEL FOR SUBSEA CABLE HANDLING <a href="#">Mantas Atutis (Lithuania/Klaipeda university/Prof)</a>
12:30 – 14:00	<b>LUNCH BREAK</b>
14:00 – 14:15	RESILIENCE-TARGETED PERFORMANCE EVALUATION OF CIVIL INFRASTRUCTURE FOR EXTREME WIND EVENTS <a href="#">Mihail Iancovici (Romania/Technical University of Civil Engineering Bucharest/Prof)</a>
14:15 – 14:30	SUSTAINABLE COASTAL CONSTRUCTION AND URBAN DEVELOPMENT: A CASE STUDY OF LIMASSOL BAY, CYPRUS <a href="#">Grigoris Kalnis (Cyprus/Frederick University/Prof)</a>
14:30 – 15:00	FUNDING OPPORTUNITIES <a href="#">PDSO (EU-CONEXUS)</a>
15:00 – 17:00	<b>NETWORKING</b>



# 17<sup>th</sup> November

## PARALLEL SESSION 2

### SOCIAL, CULTURE AND HUMAN SCIENCES

**Chairperson:**

Anita Pavić Pintarić (Croatia/University of Zadar/Prof)

11:00 – 11:15	URBAN PLANNING FOR THE COASTAL CITY OF THE FUTURE: A MULTIDISCIPLINARY APPROACH Susan Flynn & Richard Hayes (Ireland/South East Technological University/Prof)
11:15 – 11:30	PORTALIS, PROTECTING OUR COASTAL HERITAGE, VISITOR EXPERIENCE DESIGN WITHIN A CITIZEN SCIENCE FRAMEWORK Joy Rooney (Ireland/South East Technological University/Other)
11:30 – 11:45	WATER EDUCATION IN ROMANIA: CHALLENGES AND PERSPECTIVES FOR SUSTAINABILITY Radu Mircea Damian (Romania/Technical University of Civil Engineering Bucharest/Prof)
11:45 – 12:30	FUNDING OPPORTUNITIES PDSO (EU-CONEXUS)
12:30 – 14:00	LUNCH BREAK
14:00 – 17:00	NETWORKING

# 17<sup>th</sup> November

## PARALLEL SESSION 3

### LIFE SCIENCES AND BIOTECHNOLOGY

#### Chairpersons:

[Maria Rikkou-Kalourkoti \(Cyprus/Frederick University/Prof\)](#)

[Shikha Ojha \(Ireland/South East Technological University/Prof\)](#)

11:00 – 11:15	FROM ATLANTIC PREDATORY MURICIDS EXTRACTION TO THE SYNTHESIS OF POTENT BIOACTIV BIOINSPIRED PIGMENTS FOR THERAPEUTIC <a href="#">Valerie Thiery (France/La Rochelle Université/Prof)</a>
11:15 – 11:30	PHYTOCHEMICAL ANALYSIS, ANTIOXIDANT AND ANTIMICROBIAL EVALUATION OF SOLVENT-SOLVENT FRACTIONATION OF CEDRUS BREVIFOLIA (HOOK. F.) A. HENRY NEEDLES, A RARE AND ENDEMIC PLANT OF CYPRUS <a href="#">Sofia Karavergou (Cyprus/Frederick University/PhD Student)</a>
11:30 – 11:45	POLYLACTIC ACID/ALGINATE COMPOSITE SCAFFOLDS PRODUCED BY 3D PRINTING AND VACUUM FILLING MANIFESTED ANTIBACTERIAL AND IN VIVO OSTEOINDUCTIVE CAPACITY <a href="#">Alberto Tuñón-Molina (Spain/Catholic University of Valencia/PhD Student)</a>
11:45 – 12:00	ISOLATION AND CHARACTERIZATION OF INDIGENOUS MICROALGAE STRAINS AND STUDYING THEIR EXPLOITATION ON EFFICIENT WASTEWATER TREATMENT <a href="#">Maria Eleftheria Zografaki (Greece/Agricultural University of Athens/PhD Student)</a>
12:00 – 12:15	ASSESSING THE IMPACT OF BIOSTIMULANTS DERIVED FROM MICROALGAE EXTRACTS ON HYDROPONIC LETTUCE <a href="#">Sofia Marka (Greece/Agricultural University of Athens/PhD Student)</a>
12:15 – 12:30	INVESTIGATION OF THE RESPONSE OF PLANT CALLUSES TO THE EXOGENOUS APPLICATION OF NOS INHIBITORS AND NO DONORS <a href="#">Sofia Mavrikou (Greece/Agricultural University of Athens/Prof)</a>
12:30 – 14:00	<b>LUNCH BREAK</b>
14:00 – 14:15	IMPACT OF WATER MANAGEMENT PRACTICES ON AQUATIC MICROBIAL COMMUNITIES IN THE COASTAL NATURAL PARK OF ALBUFERA (VALENCIA, SPAIN) <a href="#">Ana de Luis Margarit (Spain/Catholic University of Valencia/Prof)</a>
14:15 – 14:30	ACADEMIC RESEARCH INTEGRATION: A TEACHING TOOL USEFUL FOR BOOSTING MULTIDISCIPLINARY RESEARCH TEAMS ON MARINE BIOTECHNOLOGY <a href="#">Jeronimo Chirivella (Spain/Catholic University of Valencia/Prof)</a>
14:30 – 14:45	APPLICATION OF LIQUID CHROMATOGRAPHY MASS SPECTROMETRY, NMR AND OTHER CHARACTERISATION EQUIPMENT FOR CHARACTERISATION OF PHARMACEUTICAL INTERMEDIATES <a href="#">Mike Kinsella (Ireland/South East Technological University/Prof)</a>
14:45 – 15:15	FUNDING OPPORTUNITIES PDSO (EU-CONEXUS)
15:15 – 17:00	<b>NETWORKING</b>

**17<sup>th</sup> November****PARALLEL SESSION 4****ENVIRONMENTAL SCIENCES AND BIODIVERSITY****Chairperson:**

Demetris Kletou (Cyprus/Frederick University/Prof)

Bettina Eichler-Löbermann (Germany/University of Rostock/Prof)

11:00 – 11:15	NUTRIENT REMOVAL WITH HARVEST AND OTHER BENEFITS PROVIDED BY SMALL CONSTRUCTED FLOATING WETLANDS IN TWO COASTAL LAGOONS OF THE SE BALTIC SEA <a href="#">Jurate Lesutiene (Lithuania/Klaipeda University/Other)</a>
11:15 – 11:30	THE IMPACT OF LAND USE AND CLIMATE CHANGE ON WATER QUALITY OF THE VRANSKO LAKE IN THE CROATIA <a href="#">Zoran Šikić (Croatia/University of Zadar/Prof)</a>
11:30 – 11:45	ENERGY EFFICIENCY STRATEGIES FOR BUILDINGS WITH HISTORIC AND ARCHITECTURAL VALUE IN EUROPE: A CASE STUDY OF ENERGY OPTIMIZATION AND ENERGY SAVING MEASURES FOR ROMANIAN HERITAGE BUILDINGS <a href="#">Simona Elena Serban (Romania/Technical University of Civil Engineering Bucharest/PhD Student)</a>
11:45 – 12:00	FROM WASTE TO WONDER: UTILIZING WASTE SHELLS FOR WASTEWATER PURIFICATION <a href="#">Brakemi Egbedi (Ireland/South East Technological University/PhD Cand)</a>
12:00 – 12:15	THE DISCOVERY AND FUNCTIONAL CHARACTERIZATION OF NOVEL PUTATIVE METALLOTHIONEINS FROM WATER HYACINTH (EICHHORNIA CRASSIPES) AND WATER LETTUCE (PISTIA STRATIOTES) <a href="#">Tapiwa Nyakauru (Ireland/South East Technological University/PhD Student)</a>
12:15 – 12:30	HIGH PREVALENCE OF MICROPLASTICS IN THE DIGESTIVE TRACT OF SCYLORHINUS CANICULA (LINNEAUS, 1758) SHOWS THE SPECIES BIOMONITORING POTENTIAL <a href="#">Samuel Acevedo Quilis (Spain/Catholic University of Valencia/PhD Student)</a>
12:30 – 14:00	<b>LUNCH BREAK</b>
14:00 – 14:15	SIMPLIFYING ECOLOGICAL MODELING: PEST SOFTWARE PACKAGE FOR AUTOMATIC CALIBRATION <a href="#">Burak Kaynaroglu (Lithuania/Klaipeda University/PhD Student)</a>
14:15 – 14:30	CONSERVATION AND SUSTAINABLE MANAGEMENT OF COASTAL SAND DUNES <a href="#">Constantinos Kounnamas (Cyprus/Frederick University/Prof)</a>
14:30 – 14:45	ALTERNATIVE SOLUTIONS FOR REDUCING THE USE OF COPPER IN THE PROTECTION OF GRAPEVINES FROM DOWNY MILDEW (PLASMOPARA VITICOLA) IN CROATIA <a href="#">Tomislav Kos (Croatia/University of Zadar/Prof)</a>
14:45 – 15:00	HRM ANALYSIS FOR THE DETECTION OF FISH SPECIES IN THE GREEK MARKET <a href="#">Evanthia Chatzoglou (Greece/Agricultural University of Athens/Other)</a>
15:00 – 15:15	MAPPING OF FLOODED AREAS IN THE NEMUNAS RIVER DELTA USING REMOTE SENSING METHODS <a href="#">Jonas Gintauskas (Lithuania/Klaipeda University/PhD Student)</a>
15:15 – 15:30	AN EXAMPLE OF THE NEED FOR INTERDISCIPLINARY WORK WHEN STUDYING THE SUSTAINABILITY OF PORT FACILITIES: IMPACT OF CATHODIC PROTECTION ON THE HEALTH STATUS OF BIVALVES: FROM MATERIALS CHEMISTRY TO METABOLOMICS <a href="#">Nathalie Imbert Auvray (France/La Rochelle Université/Prof)</a>
15:30 – 16:00	FUNDING OPPORTUNITIES <a href="#">PDSO (EU-CONEXUS)</a>
16:00 – 17:00	<b>NETWORKING</b>