



ACADEMY OF SCIENCES OF ALBANIA

## 2<sup>nd</sup> International Conference on Water Environmental Protection and Sustainable Development



Under the auspices of  
Acad. Prof. Dr. Skender Gjinushi, President of the Academy of Sciences of Albania

TIRANA, 22-23 SEPTEMBER 2023



# FIRST ANNOUNCEMENT



## ORGANIZING COMMITTEE

- **Acad. Prof. Dr. Neki Frasheri**, Head of Section of Natural & Technical Sciences, Academy of Sciences of Albania;
- **Prof. Dr. Ariola Bacu**, Chair of the 2nd WEPSD-2023, Member of the Unit for Biotechnology & Genetics, Academy of Sciences of Albania, Head of Group of Molecular Biotechnology, FNS, University of Tirana;
- **Prof. Dr. Fatbardh Sallaku**, Rector of the Agricultural University of Tirana, and Member of the Commission for Biology, Agriculture & Veterinary, ASA;
- **Prof. Dr. Munis Dundar**, President of EBTNA, European Biotechnology Thematic Network Association;
- **Prof. Dr. Triantafilos Almpanis**, Head of Group for Industrial and Environmental Chemistry, Department of Chemistry, University of Ioannina, Greece;
- **Prof. Dr. Federico Martinelli**, Chair of COST Action EPICATCH;
- **Prof. Dr. Ferdinand Bego**, Member of the Commission for Biology, Agriculture & Veterinary, ASA; Vice Dean at FNS, University of Tirana;
- **Dr. Ana Rotter**, Chair of COST Action Ocean4biotech;
- **Prof. Dr. Robert Marks**, Head of Department of Biotechnology Engineering, Ben Gurion University, Israel;
- **Prof. Dr. Rigerta Sadikaj**, Member of the Commission for Biology, Agriculture & Veterinary, ASA; FNS, University of Tirana;
- **Prof. Dr. Erinda Lika**, Vice Rector for Science and Projects, Agricultural University of Tirana;
- **Prof. Assoc. Rigers Bakiu**, Member of the Commission for Biology, Agriculture & Veterinary, ASA. Head of the Department of Aquaculture and Fisheries, Agricultural University of Tirana.

## SCIENTIFIC COMMITTEE

- **Prof. Dr. Ariel Kushmaro**, Professor on Environmental Biotechnology, University Ben Gurion of Negev, Israel;
- **Prof. Dr. Stefano Fazi**, Professor of Aquatic Microbial Ecology, Water Research Institute, IRSA-CNR, Italy;
- **Prof. Dr. Dominique J. Biquot**, Professor on Mathematical Modelling in the Risk Assessment of individuals exposed to environmental and occupational chemicals, Institute Laue-Langevin, Theory Group, Grenoble, France;
- **Dr. Marlene Vasquez**, Expert on environmental toxicology, microbiology, and biotechnology, Cyprus University of Technology;
- **Prof. Dr. Fritz Schiemer**, Professor on Limnology and Bio-oceanography, Department of Limnology & Bio-oceanography, University of Vienna, Austria;
- **Prof. Dr. Ilirjan Malollari**, Professor on chemical engineering on environmental pollution control and waste water treatment, University of Tirana, Albania;
- **Prof. Juraj Krajcovic**, Head of Department of Biology, Faculty of Natural Sciences, University SS.Cyril and Methodius, Trnava, Slovakia;
- **Prof. Dr. Aleko Miho**, Professor of Marine and Freshwater Algology, University of Tirana, Albania;
- **Prof. Dr. Zacharoula Andreopoulou**, Professor of regional sustainable development policies for natural resources and environment, energy sustainability. Aristotle University of Thessaloniki, Greece;
- **Prof. Assoc. Lada Lukic Bilela**, University of Sarajevo, Faculty of Science, Department of Biology;
- **Prof. Assoc. Valbona Kolaneci**, Professor of Aquaculture, Agriculture University of Tirana.

## SECRETARY OF CONFERENCE:

**Blerina Shkreta**, ASH  
**Enkelejda Misha**, ASH

Website of the Conference: [www.2ndwepd.wixsite.com/wepd-2023](http://www.2ndwepd.wixsite.com/wepd-2023)

The address for communications with the organisers of the Conference is: [2ndwepd@gmail.com](mailto:2ndwepd@gmail.com)



## FIRST CALL FOR ABSTRACTS & PAPERS

The Academy of Sciences of Albania in collaboration with the University of Tirana, the Agricultural University of Tirana, the EBTNA-Euro Biotech Thematic Network Association, the Cost Action EPICATCH, the COST Action 18238 Ocean4Biotech, the University Ben Gurion of Negev, Izrael, and the University of Ioannina, Greece, organize the **2<sup>nd</sup> International Conference on Water Environmental Protection and Sustainable Development-WEPSD**, on September 22-23, 2023, in Tirana, Albania.

After the successful 1<sup>st</sup> WEPSD held in Tirana in 17-18<sup>th</sup> of May 2021, with the participation of 67 presenting groups, from Albania, Western Balkan Countries, European Countries and beyond EU, the Organizing Commission is offering the 2<sup>nd</sup> WEPSD-2023 as an opportunity for researchers and lecturers from universities, institutions, businesses, and other private and public agencies to share and discuss practices, innovations, research initiatives, and problematics related to water environmental protection and sustainable development. A Satellite Meeting to WEPSD will be held from EPICATCH COST Action, to address the epigenetics of crops resistance toward water shortage in the actual climate change conditions.

Proposals will be peer reviewed, and are invited in any area concerning the overall focus of the conference on theoretical and practical approaches related to:

### **Marine and Freshwater Ecology**

- Aquatic flora, fauna, microbiome & Interactions among them;
- Quality of waters (chemical, physical, biological parameters) & Impact on biome;
- River ecosystems-challenges in 21<sup>st</sup> century;
- Marine and Coastal ecosystems-their services and threats;
- Understanding and efforts towards Good Environmental Status (GES);
- Marine Ecology research;
- Data tools and management.



### **Water Pollution**

- Categories of pollutants and Potential sources;
- Methodologies for detection and characterisation of pollutants & problematics related;
- Monitoring systems;
- Risk Assessments;
- Legislation related to monitoring and management of water pollution.



### **Climate Changes, Water Environmental Protection & Sustainable Development**

- Climate change impacts on lagoon ecosystems
- Ecosystem based management of fishery activities
- Adaptation Management of Aquatic Protected Areas
- Actual Water Legislation and Gaps, Implementation of Water Framework Directive
- Management of the coastal and marine environment-an ecosystem approach towards sustainable development of the area
- Inland and Marine Aquaculture
- Fishery Scientific and Statistical Analyses
- Marine Biology & Biotechnology
- Environmental Education/Training





### Maritime spatial planning

- Blue economy for the 21<sup>st</sup> century;
- Cross sector integration through MSP;
- Ecosystem approach and MSP;
- Data for marine planning and management (data creation, sources of data, data storage, data sharing, modelling);
- Addressing the land-sea interactions in MSP;
- Integrating Climate Change aspects into MSP;
- Stakeholder Involvement in MSP;
- Transboundary MSP cooperation experiences.



The authors are invited to submit the abstract until 15th of July 2023 at both [2ndwepd@gmail.com](mailto:2ndwepd@gmail.com) and [rigerta.sadikaj@fshn.edu.al](mailto:rigerta.sadikaj@fshn.edu.al)

They will be informed on the acceptance of their abstract until **30th of July 2023**, and those interested to submit the paper should be informed that the deadline for full-paper submissions will be the **30th of August 2023**. The Book of Abstracts will be prepared with The International Standard Book Number (ISBN) from the publisher – Academy of Sciences of Albania.

### Selected articles can be published:

- Online at **AJNTS** (Albanian Journal of Natural and Technical Sciences of the Academy of Sciences of Albania) following the rules of the journal.
- Online at **The EuroBiotech Journal of EBTNA** following the rules of the journal. <https://content.sciendo.com/view/journals/ebtj/ebtj-overview.xml>

Participation at Conference is free for students, **50 Euros for single authors**, and **40 Euros for each co-author**. Authors will be provided the conference materials, and will be invited to attend coffee breaks, lunch cocktails, and the social program of the conference.

### INSTRUCTIONS FOR ABSTRACT PREPARATION

Participants wishing to present contribution as oral or poster presentations are asked to submit strictly the one-page proposal (including an abstract of no more than 300 words) in an A4 format, as a WORD file.

A margin of 2 cm should be left on the top and bottom and 2.5 cm on both the left and the right sides of the text.

The title should be written in Times New Roman Font 14 pt., on the very first line of the page, in bold capital letters. Two line of 14 pt free.

The authors' full name (family name first) and affiliation and full address should be given in italics, centered, follow. The name of the presenting/ corresponding author should be underlined.

The abstract (including 4 – 5 keywords) should be in Times new Roman font 12 pt., italic. One line 12 pt before and after. Please indicate as first keyword the main topic of the proposal.

The Book of Abstracts will be published before the conference that is why the participants are strictly required to respect the deadlines for submission.