

Partners:



„4 DELTA” DDNI Scientific Event Community, 4th edition

EDAPHIC-BLOOM Danube

International Online Symposium

May 20 - 21, 2021 - Romanian time

Agenda of the event:

Day 1: May 20, 2021

10.45 - 11.00 Online Registration

Plenary Session - *Keynote Speakers*

11.00 - 11.10 Welcome speech

Dr. Marian TUDOR, General Manager, Danube Delta National Institute for R&D, Romania

11.10 - 11.20 **László BORBÉLY** - State Counselor, National Coordinator for SDGs, Department of Sustainable Development, Romanian Government

11.20 - 11.30 **Gheorghe ȘTEFAN**, State Secretary, Ministry of Agriculture and Rural Development, Romania

“Fisheries, aquaculture and the development of fishing areas policies on the territory of the Danube Delta for the period 2021-2027”

11.30 - 11.40 **Róbert-Eugen SZÉP**, State Secretary, Ministry of Environment, Waters and Forests, Romania

11.40 - 11.50 **Oana-Marciana ÖZMEN**, Committee for Industries and Services, Romanian Parliament

“Energy Efficiency - Sustainability - Protection of natural areas”

11.50 - 12.00 **Marcel IVANOV**, Prefect of Tulcea County

12.00 - 12.10 **Ulrike LEIS**, Deputy Director, European Climate Initiative (EUKI), Germany

12.10 - 12.20 **Dr. Elena MATEESCU** - General Director, National Meteorological Administration, Romania

“Observed changes and future climatic scenarios in Romania”

12.20 - 12.30 **Prof. Richard PREZIOSI**, **Dr. Hannah MOSSMAN**, **Dr. Andrew DEAN**, Manchester Metropolitan University, UK

“Ecosystem Services and microbial community structure and function in wetlands”

EDAPHIC Day

Session I : Capacity building to improve regional GHG emissions analyzing in organic soils and decision making
Development of the Master Plan for reducing the GHG emissions in the Lower Danube Plain & Danube Delta

Convener: Prof. Dr. Costel NEGREI, University of Bucharest, Romania

Co-convener: Dr. Eng. Iulian NICHERSU, Danube Delta National Institute for R&D, Romania

12.30 - 12.40 **Keynote Speaker - Dr. Sorina DUMITRU**, National Research and Development Institute for Soil Science, Agrochemistry and Environment - ICPA Bucharest, Romania

12.40 - 12.50 **Stelian MATEI**, Department of Sustainable Development, Romanian Government, Romania

“A pathway to a climate-resistant Lower Danube Plain and Danube Delta”

12.50 - 13.00 **Q & A**

Coffee Break

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Session II : Assessing the climate change impact on carbon sequestration in soils and terrestrial vegetation in the Lower Danube Floodplains & Danube Delta

Convener: Prof. Dr. Gregory EGGER, Karlsruhe Institute of Technology - KIT, Germany

Co-convener: Prof. Dr. Florian WITTMANN, Karlsruhe Institute of Technology - KIT, Germany

- 13.20 - 13.30 **Keynote Speaker - Prof. Dr. Kai JENSEN**, Hamburg University, Germany
"From blue coasts to green forests: Carbon sequestration along marine-terrestrial ecotones"
- 13.30 - 13.40 **Keynote Speaker - Prof. Dr. Detlef GÜNTHER-DIRINGER**, Karlsruhe University, Germany
"German Floodplain Inventory 2021"
- 13.40 - 13.50 **Keynote Speaker - Prof. Dr. Erika SCHNEIDER**, Karlsruhe Institute of Technology - KIT, Germany
"Riparian forests along the Lower Danube, their succession and climatic-biogeographical differentiation"
- 13.50 - 14.00 **Dr. Petru IGNAT / Dr. Sorina Dumitru**, National Research and Development Institute for Soil Science, Agrochemistry and Environment - ICPA Bucharest, Romania
- 14.00 - 14.10 **Isabell BECKER**, Karlsruhe Institute of Technology - KIT, Germany
"Influence of environmental parameters on the tree growth in the Letea forest (Danube Delta)"
- 14.10 - 14.20 **Q & A**

Session III : Setting up a Sustainable Development Cluster (SDC) of the Lower Danube Floodplains and Danube Delta

Convener: Cornel BERTEA HANGANU, Department of Sustainable Development, Romanian Government

Co-convener: Mădălina COZMA, Ministry of Environment, Water and Forests, Romania

- 14.30 - 14.40 **Keynote Speaker - Marisanda PÎRÎIANU**, Ministry of Environment, Water and Forests, Romania
- 14.40 - 14.50 **Cornel BERTEA HANGANU**, Department of Sustainable Development, Romanian Government
"Models of efficient governance of the public-private partnership in terms of clusters"
- 14.50 - 15.00 **Jürgen RAIZNER**, Steinbeis Danube Center
- 15.00 - 15.10 **Mădălina COZMA**, Ministry of Environment, Water and Forests, Romania
"Opportunities to finance clusters from environmental funds"

Scientific networking: Debating the Covenant of stakeholders for decarbonisation and setting up the Sustainable Development Cluster (SDC) in the target area

- 15.15 - 15.50 **Convener:** Edward BRATFANOF, Danube Delta National Institute for R&D, Romania

Conclusions of the Day 1

- 15.50 - 16.00 **Dr. Eng. Iulian NICHERSU**, Danube Delta National Institute for R&D, Romania

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Day 2: May 21, 2021

BLOOM Day

Section I Energy Efficiency Mapping

Conveners: Dr. Eng. Horia PETRAN & Arch. Mădălina SBARCEA

Keynote Speakers:

- 11.00 - 11.10 **Dr. Anca GINAVAR**, General Director, General Directorate of Territorial Development, Ministry for Development, Public Works and Administration, Romania
- 11.10 - 11.20 **Tobias EISELE**, Ministry of the Environment, Climate Protection and the Energy Sector Baden-Wuerttemberg, Germany

Presentations:

- 11.20 - 11.35 **Nicolae BIBU**, Tulcea Municipality – “Energy Efficiency in Tulcea Sustainable Development Strategy”
- 11.35 - 11.45 **Mădălina SBARCEA**, Danube Delta National Institute for R&D (DDNI)
“Boosting Capacities for Energy Efficiency in the Built Environment Sector – BLOOM”
- 11.45 - 12.00 **Dr. Eng. Horia PETRAN**, INC D URBAN-INCERC
“Energy Efficiency Mapping - Scope and existing tools”
- 12.00 - 12.15 **Dr. George JIGLĂU**, Center for the Study of Democracy, Babeş-Bolyai University
“Mapping energy poverty in the residential sector in Cluj-Napoca”

12.15 - 12.30 **Q & A**

12.30 - 13.00 **COFFEE BREAK**

Section II Sustainable Energy Transitions

Conveners: Dr. Eng. Horia PETRAN & Arch. Mădălina SBARCEA

Keynote Speakers:

- 13.00 - 13.15 **Prof. Dr. Eng. Tudor PRISECARU**, Vice-rector, University POLITEHNICA of Bucharest, Romania
- 13.15 - 13.30 **Călin Radu VILT**, Scientific Counsellor of National Committee of World Energy Council

Presentations:

- 13.30 - 13.45 **Jürgen RAIZNER**, Steinbeis Danube Center
“Technology Transfer and Energy Efficiency: examples from the Steinbeis Network Germany”
- 13.45 - 14.00 **Dr. Eng. Horia PETRAN**, INC D URBAN-INCERC
“Policies and Strategies for transition towards a low emission Building Stock”
- 14.00 - 14.15 **Camelia RAȚĂ**, Energy Cities Romania
“Local Energy Renovation Strategies Towards Neutral Climate Communities 2050”
- 14.15 - 14.30 **Dr. Eng. Andrei CECLAN**, Romanian Society of Energy Auditors and Managers
“Urban Energy Management - from Opportunity to Impact”
- 14.30 - 14.45 **Dr. Dorin BEU**, Romania Green Building Council
“From sustainability to regenerative: cities future”

14.45 - 15.00 **BLOOM Component - Networking Session**

15.00 - 15.30 **Conclusions Day 2**

Closing of Symposium