

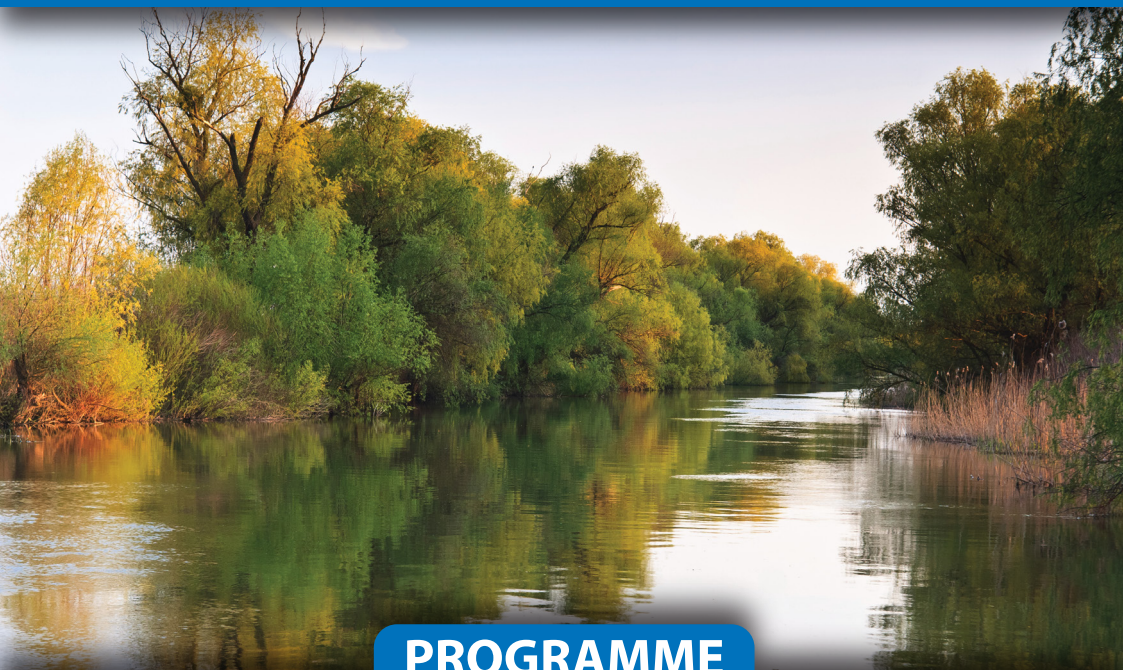


MINISTERUL  
CERCETĂRII  
ȘI INOVĂRII

# INTERNATIONAL CONFERENCE ON RIVER-DELTA-SEA SYSTEMS

## Celebrating 25 years

of the National Research and Development Institute  
for Marine Geology and Geo-ecology – GeoEcoMar



### PROGRAMME

Bucharest, 15-16 November 2018



## **INTERNATIONAL CONFERENCE ON RIVER-DELTA-SEA SYSTEMS**

# **Celebrating 25 years**

**of the National Research and Development Institute  
for Marine Geology and Geo-ecology – GeoEcoMar**



## Thursday, the 15<sup>th</sup> of November

Location: Aula "I. Heliade Rădulescu" of the Romanian Academy Library

Address: 125 Calea Victoriei, Bucharest 1

**9:30-10:00**

Registration

**10:00-11:30**

**Academician Nicolae Panin**, National Research and Development Institute for Marine Geology and Geo-ecology (GeoEcoMar)

- *The National Research and Development Institute for Marine Geology and Geo-ecology (GeoEcoMar): birth and 25 years of activity*

**Dr. Adrian Stănică**, National Research and Development Institute for Marine Geology and Geo-ecology (GeoEcoMar)

- *Achievements of the National Research and Development Institute for Marine Geology and Geo-ecology (GeoEcoMar): science, management and education*

**Minister of Research and Innovation, Prof. Dr. Nicolae HURDUC**

**Representative of Ministry of Foreign Affairs**

**Representative of Ministry of Water and Forests**

**11:30-12:00**

Coffee/Tea Break

**12:00-13:30**

**Collaboration of the National Research and Development Institute for Marine Geology and Geo-ecology - GeoEcoMar with other institutions**

**Mihaela C. Melinte-Dobrinescu**, National Research and Development Institute for Marine Geology and Geo-ecology (GeoEcoMar)

- *Collaboration of GeoEcoMar with other institutions*

**Representatives of National Institutes, Universities and other institutions with which GeoEcoMar collaborated in the last 25 years**

**Dan C. Jipa**, Correspondent Member of the Romanian Academy, Senior Researcher at the NRD - GeoEcoMar & **Silviu Rădan**, Senior Researcher at the NRD - GeoEcoMar:

- *GeoEcoMar – 25 years: People and Events. An illustrated overview*

**13:30-14:30**

**Lunch Break**



**14:30-16:00**

**Invited key notes**

**14:30-15:00**

**Gilles Lericolais**, Directeur des Affaires Européennes et Internationales IFREMER, France:

- *GeoEcoMar and Ifremer - co-players from BlaSON to ASSEMBLAGE a way to GHASS*

**15:00-15:30**

**Jana Friedrich**, Senior Researcher of Helmholtz-Zentrum Geesthacht, Germany:

- *The power of time-series for understanding system dynamics - the example of hypoxia on the north-western Black Sea Shelf*

**15:30-16:00**

**Corneliu Dinu**, Professor at the Faculty of Geology and Geophysics, University of Bucharest, Romania:

- *Tectonic evolution of West Black Sea continental margin - Romanian sector*

**16:00-16:30**

**Coffee/Tea Break**

**16:30-18:00**

**Invited key notes**

**16:30-17:00**

**Andrew Tyler**, Professor in Biological and Environmental Sciences at the Faculty of Natural Sciences, University of Stirling, UK

- *From inland to coastal waters, observing the continuum of optically complex waters at the global scale*

**17:00-17:30**

**Vangelis Papathanassiou**, Hellenic Centre for Marine Research, Athens, Greece

- *Mediterranean and Black Sea: Two Basins full of common challenges and opportunities*

**17:30-18:00**

**Cornel Olariu**, Research Scientist at the Austin University, Texas, USA

- *Teachings on transient shorelines from the pre-Holocene deltas to their Holocene counterparts*





# Friday, the 16<sup>th</sup> of November

Location: Hotel Athenée Palace Hilton

Address: 1-3 Episcopiei Street

## 9:30 – 11:00

**Session: River-Delta systems: science, management and education**

**Chairmen NICOLAE PANIN and ADRIAN STĂNICĂ**

### 9:30-10:00

**Francesco Marabini** - Institute of Marine Sciences - ISMAR

- *The Po river delta evolution and the economic development*

### 10:00-10:20

**Janusz Dominick** - Genève University

- *Teaching Environmental Sciences at the Land/Sea Interface*

### 10:20-10:40

**Laura Tiron Duțu, Florin Duțu, Mireille Provansal, Nicolae Panin, Gabriel Ion,**

**Adrian Popa** – GeoEcoMar & Aix-en-Provence University

- *Recent hydro-morphological and sedimentological processes on the Danube Delta, St. George and Sulina branches*

### 10:40-11:00

**Constantin Sava, Alexandra Dudu, Sorin Anghel** - GeoEcoMar

- *Danube and Western Black Sea Basin - in favor of CCUS implementation*

### 11:00-11:40

**Coffee/Tea Break**

### 11:40-12:00

**Antoneta Seghedi** – GeoEcoMar:

- *GeoEcoMar activities dedicated to education and promotion of Earth Science*

### 12:00-12:20

**Biswa Bhattacharya** - IHE Delft

- *Flood risk management educational programme in Europe*

### 12:20-12:40

**Selma Menabit, Bianca Pavel** - GeoEcoMar

- *Benthic community structure characterization of bed-sediment layer composition in Danube River branches (Deltaic area), Romania*

### 12:40-13:00

**Bianca Mitrica, Monica Dumitrașcu, Irena Mocanu, Ines Grigorescu** - Romanian Academy - Institute of Geography

- *Cohesion in the Romanian Danube Valley. An approach towards building prosperity*

### 13:00-14:00

**Lunch Break**



## 14:00-14:20

**Albert M. Scrieciu, Sabin Rotaru, Mihaela Mureşan, Bianca Pavel** - GeoEcoMar

- *Risk assessment related to river sediment balance. Integrated methodology developed for Danube river basin*

## 14:20-14:40

**Bianca Pavel, Selma Menabit** - GeoEcoMar

- *The Benthic Fauna Associations from the Danube River (Case Study: Corabia Downstream, Bechet area, Salcia Downstream and Iron Gate I Downstream)*

## 14:40-15:00

**Andreja Jonoski, Ioana Popescu** - IHE Delft

- *Citizen observatories experiences in Danube Delta from SCENT project perspective*

## 15:00-15:20

**Maria S. Ionescu, Adriana M. Constantinescu, Albert M. Scrieciu, Adrian Stănică, Iris Möller, Ben Evans** - GeoEcoMar & University of Cambridge

- *Reedbeds. A green solution for waves attenuation tested in the Danube Delta*

## 15:20-15:40

**Sabin Rotaru, Alfred Vespremeanu-Stroe, Luminiţa Preoteasa** - GeoEcoMar & University of Bucharest, Faculty of Geography

- *Formation and evolution of Danube delta beach ridge plains*

## 15:40-16:00

**Bogdan Alexandrescu, Albert Scrieciu, Alessandro Pagano, Raffaele Giordano** - GeoEcoMar & Water Research Institute

- *Integrated assessment of benefits and co-benefits of Nature Based Solutions using System Dynamics Modelling - Lower Danube Case Study*

## 16:00

**Coffee/Tea Break**

## 9:30 – 16:00

**Session Marine systems: science and management**

Chairmen **MIHAELA MELINTE-DOBRINESCU** and **DAN VASILIU**

## 9:30-10:00

**Dan Constantin Jipa, Nicolae Panin, Ioan-Cornel Pop** - GeoEcoMar

- *Black Sea submarine canyon systems. A general overview.*

## 10:00-10:30

**Mihaela C. Melinte-Dobrinescu, Nicolae Panin, Dan Secieru, Gheorghe Oaie** - GeoEcoMar

- *Mapping activity on the Romanian Black Sea shelf: the state of the art*

## 10:30-11:00

**Simion Nicolaev, Tania Zaharia** - NIMRD "Grigore Antipa"

- *Current State of the Romanian Black Sea Environment*

**11:00-11:40**

Coffee/Tea Break

**11:40-12:00**

**Mihail Diaconescu, Raluca Partheniu** - National Institute for Earth Physics

- *Black Sea tsunamis. A seismological overview related to the activities of the National Institute for Earth Physics*

**12:00-12:20**

**Radu-George Dimitriu** - GeoEcoMar

- *Main results of marine gravity and magnetic researches carried out at the National Research and Development Institute for Marine Geology and Geoecology*

**12:20-12:40**

**Wout Krijgsman et al.** - Utrecht University

- *Quaternary time scales for the Pontocaspian domain: Interbasinal connectivity and faunal evolution*

**12:40-13:00**

**Marius Stoica, Andrei Briceag** - University of Bucharest, Faculty of Geology and Geophysics & GeoEcoMar

- *The recent evolution of the Black Sea highlighted by ostracods*

**13:00-14:00**

Lunch Break



**14:00-14:20**

**Simion Nicolaev, Victor Niță** - NIMRD "Grigore Antipa"

- *Aquaculture Demonstrative Center. Background – aims – technical requirements and beneficiaries*

**14:20-14:40**

**Dan Vasiliu, Sorin Balan, Dan Secrieru, Naliana Lupașcu, Andra Bucșe** - GeoEcoMar

- *Inter-annual variability of the water column hydro-chemical structure in the western Black Sea (Romanian shelf waters)*

**14:40-15:00**

**Gabriel Ion, Florin Duțu, Adrian Popa, Sorin Balan** - GeoEcoMar

- *Gas charged sediments and gas hydrates studies at GeoEcoMar*



## 15:00-15:20

**Adrian Teacă, Tatiana Begun, Mihaela Mureșan, Adrian Popa** - GeoEcoMar

- *Holistic approach of the Romanian marine habitats: classification, distribution, biodiversity and quality assessment*

## 15:20-15:40

**Luminița Buga, George Sârbu, Gabriel Ganea, Alina Spinu, Maria Mihailov** - NIMRD "Grigore Antipa"

- *Romanian National Oceanographic and Environmental Data Center (RONOEDC)*

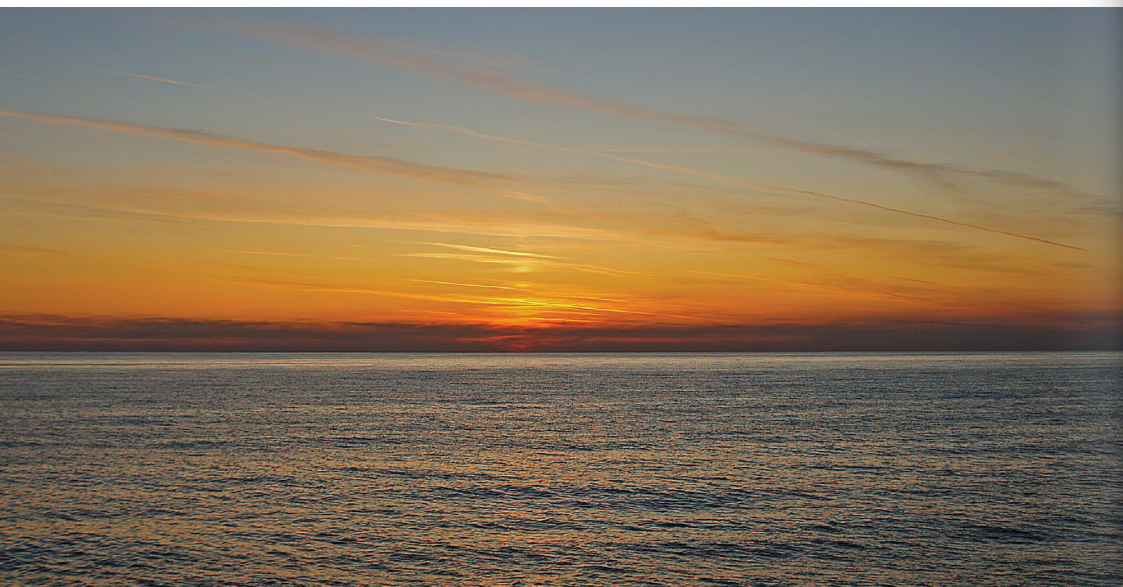
## 15:40-16:00

**Glicherie Caraivan** - GeoEcoMar

- *Submarine Archaeological Heritage of the Western Black Sea Continental Shelf, a pioneering initiative of NIRD GeoEcoMar*

## 16:00

**Coffee/Tea**







Research of excellence  
in river-delta-sea systems,  
to highlight regional and global  
climate changes



Acest proiect este finanțat de Ministerul Cercetării și Inovării prin  
Programul 1 – Dezvoltarea sistemului național de cercetare-dezvoltare,  
Subprogram 1.2 – Performanță instituțională -  
Proiecte de finanțare a excelenței în CDI, Contract nr.8PFE/16.10.2018

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