



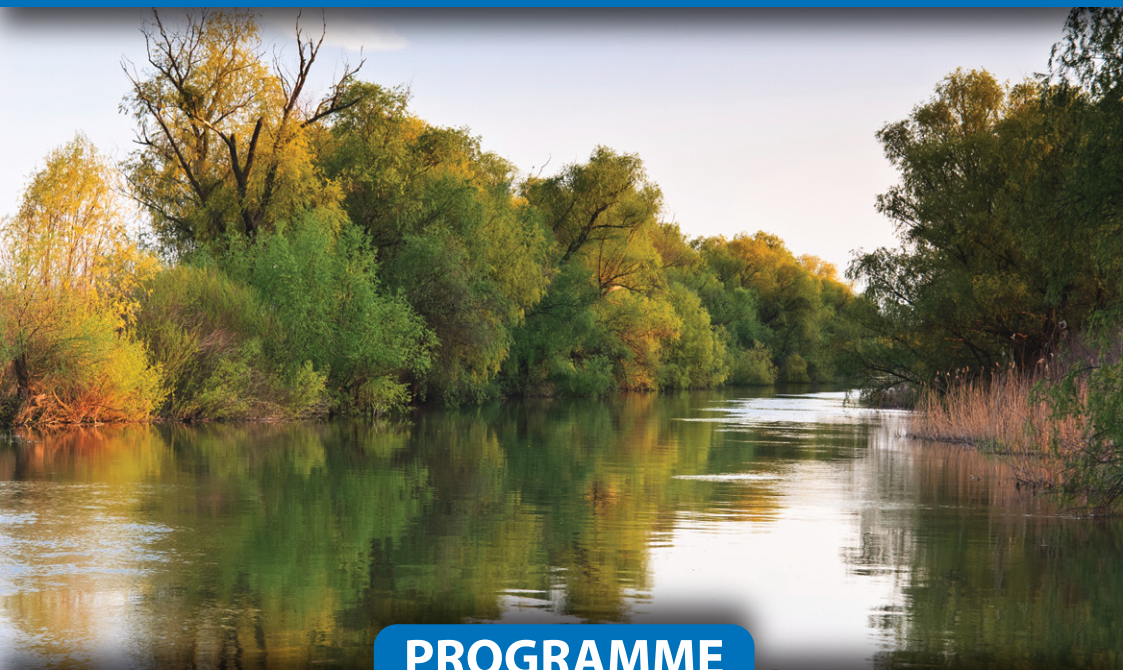
MINISTERUL
CERCETĂRII
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INTERNATIONAL CONFERENCE ON RIVER-DELTA-SEA SYSTEMS

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 15th 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 16th 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 Dominik - Istituto di Scienze Marine - Consiglio Nazionale delle Ricerche, Venezia, Italy

- *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)*

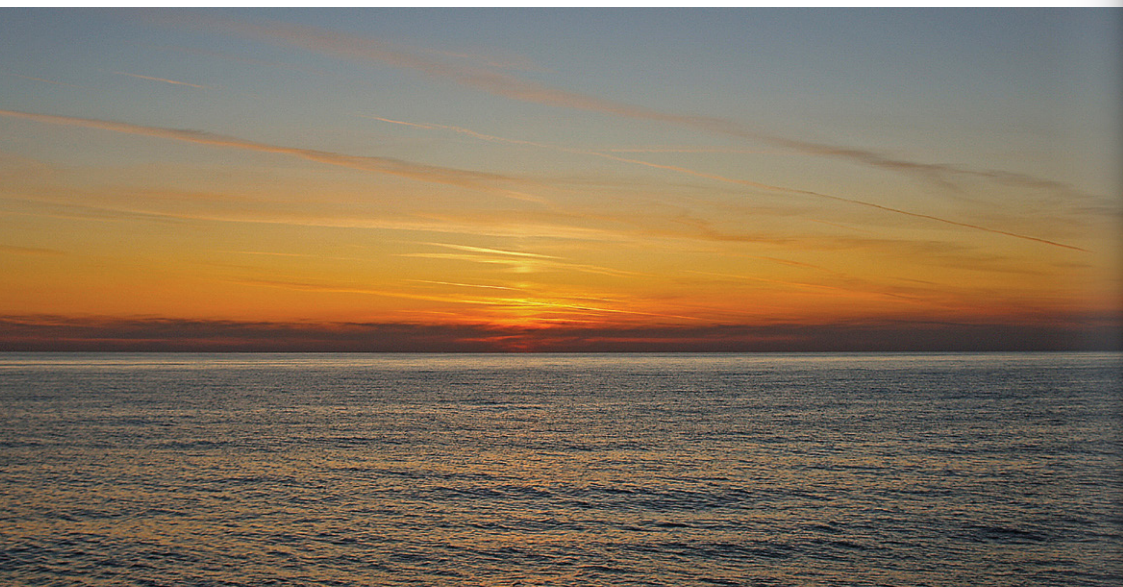
15:40-16:00

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 -
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