

PROGRAM OF THE SYMPOSIUM

THURSDAY, SEPTEMBER 29

OFFICIAL OPENING OF THE WORKS - NIMRD CONFERENCE HALL

09.30 - 10.00 Participants registration at NIMRD's Conference Hall

10.00 - 11.00 Official Opening of the Works (Conference Hall)

- Opening remarks - Dr. Eng. Simion NICOLAEV, Director of NIMRD "Grigore Antipa"
- Greeting statements of government and local authorities
- Messages from research & development institutions and universities, scientific, professional and environmental NGOs, other organizations from Romania and abroad

11.00 - 11.30 Coffee break. Press conference

PLENARY LECTURES

11.30 - 13.00:

- ✓ **"Report on the State of the Marine and Coastal Environment Development in 2010"**
- Dr. Eng. Tania ZAHARIA, Scientific Director of NIMRD "Grigore Antipa"
- ✓ **"Developing Environment-friendly Marine Aquaculture for the Blue Economic Area Planning of the Shandong Peninsula"** - Dr. Feng LIU, China Agricultural University, Yantai/China
- ✓ **"Analysis of Public and Stakeholder Attitudes Towards the Aquaculture Environment - A Case Study of the Shandong Province"** - Dr. Xiaoshuan ZHANG, China Agricultural University, Beijing/China
- ✓ **"Radiological Impact Assessment in the Southeastern Mediterranean Area"** – Prof. Dr. Fokion VOSNIAKOS, "Alexander" Technological Educational Institute, Balkan Environmental Association, Thessaloniki, Greece

13.00 - 14.00 Lunch break

SECTION PAPERS

14.00 - 15.00 Section I - Oceanography and Coastal Engineering

CHAIRPERSONS: Galina SHTEREVA, Carmen GASPAROTTI, Luminița BUGA

14.00 - 14.10 "Coastal Sustainable Development Tools and Methods. PEGASO Project Experience and First Results" - Iulian NICHESU, S. NICOLAEV, L.

ALEXANDROV, M. MIERLĂ, E. MARIN, C. TRIFANOV, Iuliana NICHESU, A. SPÎNU

14.10 - 14.20 **“Black Sea Influence on the Land Surface Temperature in the South Dobroudja Plateau - Remote Sensing Approach”** - S. CHEVAL, S. CONSTANTIN, C.A. IOSIF

14.20 - 14.30: **“SECRIS AUV - Operational Requirements Analysis and Usage Possibilities for the Recording of Physical and Chemical Parameters of the Water in the Western Area of the Black Sea”** - Cdor. Univ. Lect. Dr. Eng. G. SLĂMNIOIU, Cpt. Cdor. SR III Eng. O. RADU, Lt. Cdor. SR III PhD student Eng. V. ROȘCA, Lt. SR III Eng. G. MARIN, SR Eng. S. CIUREA, SR III Eng. L. CALANCEA, As. A. RĂDULESCU

14.30 - 14.40: **“Risk Assessment Methods in Maritime Transportation in the Black Sea Basin”** - C. GASPAROTTI, E. RUSU

14.40 - 14.50: **“Oceanographic and Environmental Data Management in Romania”** - L. BUGA

14.50 - 15.00: Discussions

15.00 - 16.00 Section II - Marine Ecology and Environmental Protection (oral presentations and poster session)

CHAIRPERSONS: Gheorghe BREZEANU, Daciana SAVA, Florin TIMOFTE

15.00 - 15.10: **“Recent Changes in the Phytoplankton Community of the Northwestern Black Sea Waters”** - L. BOICENCO

15.10 - 15.20: **“*Oithona brevicornis* Giesbrecht, 1892 (Copepoda: Cyclopoida) - First Record in the Romanian Black Sea Waters”** - F. TIMOFTE, C. TABARCEA

15.20 - 15.30: **“Invertebrate Benthic Populations Living in Marine Sulphurous Springs and Sulphurous Ponds (“Obane”) in Mangalia”** - M.D. SAMARGIU, D. SAVA, G. PARASCHIV

15.30 - 15.40: **“Major Modifications of the Macroalgal Flora from the Romanian Black Sea Coast under the Influence of Anthropogenic Factors”** - D. SAVA, M.D. SAMARGIU, G.M. PARASCHIV

15.40 - 15.50: **“Psammophilous Habitats and Plant Communities of Conservative Interest in the Sandy Black Sea Coast Area of Romania and Bulgaria”** - M. FĂGĂRAȘ

15.50 - 16.00: Discussions

16.00 - 17.00 Section III - Living Marine Resources (oral presentations and poster session)

CHAIRPERSONS: Atilla ÖZDEMİR, Violin RAYKOV, Valodea MAXIMOV

16.00 - 16.10: **“Growth, Mortality and Yield per Recruit of Horse Mackerel (*Trachurus Mediterraneus*) from the Bulgarian Black Sea Waters“** - M. YANKOVA, V. RAYKOV

16.10 - 16.20: **“Landings, Distribution, Size Structure and Genetics of the Pontic shad (*Alosa Immaculata* Bennett, 1835) in the Bulgarian Black Sea Area“** - M. PANAYOTOVA, V. RAYKOV, P. IVANOVA, I. DOBROVOLOV

16.20 - 16.30: **„Marine Fisheries in the Black Sea Ukrainian Zone“** - V. SHLYAKHOV

16.30 - 16.40: **“Cetacean Sightings off the Bulgarian Black Sea Coast over the period 2006 - 2009“** - V. ST. RAYKOV, M. PANAYOTOVA

16.40 - 16.50: **“Marine Fisheries in the Black Sea Turkish Zone“** - A. ÖZDEMİR, Y. GENC, M. ZENGİN

16.50 - 17.00: Discussions

FRIDAY, SEPTEMBER 30

09.00 - 10.00 Presentation of the section reports

10.00 - 10.30 Coffee break

10.30 - 14.00:

- ✓ Presentation of the project JOP Black Sea **“Strengthening the Regional Capacity to Support the Sustainable Management of the Black Sea Fisheries (SRCSSMBSF)”** -. Gheorghe RADU
- ✓ Presentation of the Romania-China joint project **“Intelligent Methods Based on the Wireless Sensor Network Technology for Quality Management in Aquaculture“** - Xiaoshuan ZHANG
- ✓ **Activity Report of the Black Sea Regional Activity Center for Environmental Aspects of Fisheries and Other Marine Living Resources Management (RAC FOMLRM)** - Simion NICOLAEV
- ✓ **Debate of the resolutions of the 4th Conference of the Parties of the Agreement on the Conservation of Cetaceans in the Black Sea, Mediterranean Sea and Contiguous Atlantic Area - ACCOBAMS** - Camelia Dumitrache

14.00 Adoption of the Final Declaration

Closure of the Symposium

- During the Symposium, you can view the exhibition **“Children’s Good Thoughts for the 3rd Millennium Earth”**, project included in the National Education Activities Calendar 2011/F7/n0. 2 - Domain Ecology, in which the National Institute for Marine Research and Development “Grigore Antipa” Constanța was partner.

POSTER SESSION

- Parallel with the development of the symposium activities, there is a poster session concerning all three scientific sections. The posters are displayed throughout the two days of the event. **Mind that all posters have the same degree of importance as oral presentations!**
- **The posters shall be installed between 28.09.2011, h. 9.00 - 29.09.2011, h. 09.00, in the Museum Hall of NIMRD „Grigore Antipa“.**

Section I - Oceanography and Coastal Engineering

PO 1 - “Hydrochemistry of Varna Bay (2000 2008)” - G. SHTEREVA, O. HRISTOVA, B. DZHUROVA, A. KRASDEV

PO 2 - “Systemic Approach of the Impact Induced by Danube Water Quality on the Black Sea ecosystems” - I.-C. ENACHE, S. CHEVAL, A. VARDUCA, D. PĂDURARU

PO 3 - “Sound Speed Profile in the Western Area of the Black Sea during the Measurement Expeditions TSS-09, MHD 2010 and NIMRD 2011 - Comparative Analysis” - Commander Researcher Eng. O. RADU, Captain (N) Associate Professor Ph.D. Eng. G. SLĂMNOIU, Lieutenant Commander Researcher Ph.D. Student Eng. V. ROȘCA, Junior Researcher Eng. S. CIUREA, Researcher Ph.D. Student Eng. L. CALANCEA, Research Assistant A. RĂDULESCU

PO 4 - “A Statistical Analysis of Seasonal and Interannual Variability of Precipitations in the Sfântu Gheorghe Coastal Region” - G. BANDOC

PO 5 - “Modeling the Wave Transformation near Harbor Areas” - D. BUTUNOIU, E. RUSU

PO 6 - “Influence of the Interactions between Waves and Currents on the Navigation at the Entrance in the Danube Delta” - A. IVAN, C. GASPAROTTI, E. RUSU

PO 7 - “Relevance of Integrated Maritime Policy and Maritime Spatial Planning for Romania” - L. ALEXANDROV, Iulian NICHESCU, A. SPÎNU, Iuliana NICHESCU, R. MATEESCU, D. DIACONEASA

PO 8 - “Long-Term Seawater Transparency in the Romanian Zone” - T.M. CRISTESCU, D. VASILIU, V. MALCIU, G. GANEA, M.A. NEDELICU

PO 9 - “FP7 UPGRADE BLACK SEA SCENE PROJECT - Contribution to the Sustainable Development and Management of the Black Sea Ecosystem” -

M. GOLUMBEANU, F. K. VOSNIAKOS, S. AVDIMIOTIS, P. MENTEZELOU

PO 10 - “Eutrophication of the Romanian Black Sea Waters between 2008-2010” -

L. LAZĂR, D. VASILIU, L. BOICENCO, F. TIMOFTE

PO 11 - “Shoreline Variability on the Danube Delta Coast” - R. MATEESCU, A. SPÎNU, L. ALEXANDROV, D. NICULESCU

PO 12 - “Review of Metal Bioaccumulation Levels in The Romanian Black Sea Biota in the Last Decade - Requirement for Implementing the Marine Strategy Framework Directive (Descriptors 8 and 9)” - A. OROS, M. T. GOMOIU

PO 13 - “Results of the Natural Beaches Surveillance Based on Applications of the GIS-GPS and Remote Sensing Techniques on the Romanian Shore. Case Study: Razim-Sinoe Lagoon Shore” - A. SPÎNU, R. MATEESCU, D. NICULESCU

PO 14 - “Seasonal Dynamics of Surface Chlorophyll *a* in the Romanian Inner Shelf Waters” - D. VASILIU, L. BOICENCO, L. LAZĂR, M-T. GOMOIU

Section II - Marine Ecology and Environmental Protection

PE 1 - “Research and Conservation of Biodiversity in the Black Sea Romanian Coastal Zone” - M. AXINI

PE 2 - “A Review of the Long-Term Evolution of the Coccolithophore *Emiliana huxleyi* in the Romanian Black Sea Waters” - L. BOICENCO

PE 3 - “EEI Index Application for Establishing Coastal Water Quality on the Romanian Black Sea Coast Using Macroalgae” - O. MARIN

PE 4 - “The Role of Environmental Protection Training in Raising the Awareness of the Public Opinion” - M. NENCIU, S. NICOLAEV, F. K. VOSNIAKOS, T. ZAHARIA, M. GOLUMBEANU

PE 5 - “General Biochemical Aspects of the Marine Environment and the Main Commercial Shellfish from the Romanian Black Sea Coast” - D.M. ROȘIORU

PE 6 - “Assessment of the Effect of Newly-Synthesized Intelligent Polymer Composites on Bacterial Populations Responsible for Initial Marine Biofouling Formation” - E. STOICA, V. PIESCU, C. MARIN, L. MARIN

PE 7 - “Potentially Toxic and Bloom Forming Cyanobacteria Species along the Black Sea Coast of Romania: a review” - E. STOICA

PE 8 - “*Laboea strobila* (Protozoa: Ciliophora: Oligotrichia) - New Ciliate in the Romanian Black Sea Waters - C. TABARCEA

PE 9 - “Habitat Mapping in the Romanian Natura 2000 Marine Sites” - T. ZAHARIA, D. MICU, V. NIȚĂ, V. MAXIMOV, R. MATEESCU, A. SPÎNU, M. NEDELICU, G. GANEA, M. GOLUMBEANU, C. URSACHE

Section III - Living Marine Resources and Ecological Reconstruction

PR 1 - “The Sustainable Development and Management of Turkish Aquaculture” - O. TOPUS, S. ATMACA, N. OZDERYA

PR 2 - “Studies on the Identification of Vitamins and Antioxidant Compounds in the Black Sea Algae” - R. SÎRBU, T. ZAHARIA, B. ST. NEGREANU-PÎRJOL, D. ARTENIE MARIȘ, I. STOICESCU, C. ERIMIA, T. NEGREANU-PÎRJOL

PR 3 - “Activities for the Implementation of the Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area” - S. NICOLAEV, G. RADU, C. DUMITRACHE

PR 4 - “Coastal Waters Research and Ways for Environmental Quality and Natural Resources Rehabilitation” - L. ALEXANDROV, R. MATEESCU, D. VASILIU, A. SPÎNU, C. URSACHE

PR 5 - “Research on the Selectivity of the Pelagic Trawl Used by Romanian Coastal Fisheries” - E. ANTON, S. NICOLAEV, G. RADU, V. MAXIMOV

PR 6 - “Observations on Dolphin Sightings at the Romanian Coast and Measures to Reduce Accidental Catches In Fishing Nets” - E. ANTON, M. CÂNDEA, M. PAIU

PR 7 - “Structure and Biological Parameters of the Ichthyofauna in the Natura 2000 Sites on the Romanian Coast” - V. MAXIMOV, T. ZAHARIA, E. ANTON, G. RADU, M. NENCIU, M. CRISTEA

PR 8 – “The Characterization of the Main Habitat Types Populated by the Black Sea Turbot in its Different Stages of Development” - V. NIȚĂ, ȘT. DIACONESCU, T. ZAHARIA, V. MAXIMOV, C. NICOLAE, D. MICU

PR 9 - Summary of the Project “Development of a National Network For Monitoring The Black Sea Cetaceans (Stranded and By-Caught) in Romania and Identifying the Relevant Measures for the Mitigation of the Adverse Impact of Fisheries” - G. RADU, S. NICOLAEV, V. MAXIMOV, E. ANTON, C. DUMITRACHE, M. CÂNDEA, R. FABIAN

PR 10 - “Distribution of the Main Fishing Agglomerations in the Romanian Marine Area in the Last Two Years” - G. RADU, V. MAXIMOV, E. ANTON

PR 11 - “Epibiosis Production Facilities for the Sustainable Management of the Marine Environment Quality” - C. URSACHE, T. ZAHARIA, V. NIȚĂ