

***Scientific events: International Symposium “Protection and sustainable development of the Black Sea ecosystem, imperative of third millennium”, Constantza / Romania, October 29-31, 2007***

The 3<sup>rd</sup> edition of the International Symposium “Protection and sustainable development of the Black Sea ecosystem, imperative of third millennium” took place at the premises of the National Institute for Marine Research and Development “Grigore Antipa” (NIMRD) in Constanta between October 29-31, 2007.

The symposium has been organized by NIMRD, under the coordination of the Ministry of Environment and Sustainable Development (MESD). It has been patronized by:

- MESD,
- Ministry of Education, Research and Youth,
- Constanta City Hall,
- Romanian National Committee for Oceanography / UNESCO.

The scientific event aimed at following objectives:

- the celebration, in an adequate scientific frame and with a large national and international participation, of the International Black Sea Day,
- a better promotion, at national and international level, of oceanology research carried out in Romania within last 18 years, of actions in the field of sustainable development and protection of the marine environment, and of setting in a strait line to requests of European integration,
- the knowledge of the present ecological state of the marine ecosystem under national competence, of its evolution trends, in order to establish priority directions for national research and sectorial programmes in above mentioned domains,
- achievement of a proper location for an exchange of information referring to oceanology and marine / paramarine environment protection, to present and future relationships between national and regional / international research community, with respect to promotion of cooperations,

- ensuring of the scientific support for substantiation of national politics regarding sustainable development and protection of the marine & paramarine environment and coastal zone.

For this event the organizer has issued the programme and Abstracts book, in Romanian and English, both as hard copies and CD-ROM.

Following activities took place:

- **official opening** of the international symposium with the participation of:
  - Dănuț Culețu, Prefect of Constanta county,
  - Dr.Eng. Simion Nicolaev, Director General NIMRD,
  - Prof. Gheorghe Brezeanu, Vice-president of Commission of Oceanology / Limnology / Romanian Academy,
  - Prof. Marian-Traian Gomoiu, Deputy General Director GEOECOMAR Bucharest – Constanta,
  - Eng. Romulus Știucă, Director General Danube Delta NIRD Tulcea,
  - Eng. Dumitru Dorogan, Counselor MESD,
  - Prof. Adrian Bavaru, Honorary Rector of University “Ovidius” Constanta ,
  - Prof. Fokion Vosniakos, President B.EN.A., Thessaloniki / Greece.
- Scientific sessions: **Traditions by continuity in Romanian oceanology**
  1. *Oceanography and coastal engineering*, moderators Prof. Emil Vespremeanu, Drd. Viorel Malciu, ss Adriana Cociașu (21 papers)
    - ICZM and spatial planing,
    - Coastal engineering,
    - Coastal oceanography,
    - Integrated oceanographic networks,
    - Chemical oceanography,
    - Marine pollution,
    - IT, data bases.
  2. *Ecology and marine environment protection*, moderators Prof. Gheorghe Brezeanu, Dr. Alexandru S. Bologna, Dr. Elena Dumitrescu (23 papers)
    - Modern methods in assessing marine ecosystems and littoral lakes,
    - Assessment of present state of marine ecosystem, littoral lakes, and their evolution trends under new conditions of anthropic pressure and climate change,

- Exploitation possibilities of marine bioresources for food and pharmaceutic utilization.
- 3. *Marine living resources*, moderators Dr. Simion Nicolaev, Dr. Tania Zaharia, Dr. Ionel Staicu (25 papers):
  - fishing resources,
  - dolphin protection,
  - aquaculture,
  - marine protected areas,
  - solid wastes and interrelationships with marine fishery,
  - capitalization of marine living resources.
- 4. *Ecological education and public awareness for marine environment protection*, moderators Dr. Vasile Pătrașcu, Eng. Cătalina Sava Ispas (7 papers)
  - education, public awareness, partnerships, dissemination of information, networks
- **scientific section's reports & Final Declaration**
- book presentation: **“Însemnări în verde– gri”** (“Notes in green-gray”), Dr. Alexandru Ionescu (Ed. Cartea studentescă, București, 2007, 414 pp) by Dr. Vasile Pătrașcu, Technical Director NIMRD,
- workshop for establishing of a multinational and pluridisciplinary consortium for EC / FP7 or Black Sea basin Cross Border Cooperation Programme project application **„Improvement of the scientific background for assuring sustainable development in the Black Sea coastal zone: a pre-feasibility study”**, panelist Dr. Alexandru S. Bologa,
- workshop concerning **“Project of the development of a coherent ecological network for Marine Protected Areas (MPAs) in Bulgaria and Romania”**, panelist Dr. Tania Zaharia, Head Department of Marine Living Resources,
- public celebration, under the auspices of the Romanian National Committee of Oceanography, dedicated to the **International Black Sea Day**, panelist Dr.Eng. Simion Nicolaev,
- presentation of some **international R-D projects**, with NIMRD participation by project leaders Dr.Eng. Simion Nicolaev, Dr. Alexandru S. Bologa, Eng. Ani Merlă, Dr. Nicolae C. Papadopol,
- official launching of international environmental-cultural project **“Black Sea Deltas”** (with photo exhibition) by Yorgos

Philippeos, Mediterranean Centre for Environmental  
Development GLAUKOS, Athens / Greece.

Dr. Alexandru S. Bologa  
Eng. Catalina Sava Ispas