

**ABOUT SEMINAR FOR YOUNG SCIENTISTS
“ECOLOGICAL SECURITY AND NATURAL RESOURCES
OF THE BLACK SEA AND THE SEA OF AZOV COASTAL ZONES”**

International seminar for young scientists “Ecological Security and Natural Resources of the Black Sea and the Sea of Azov Coastal Zones” was held from 15 September to 19 September 2008 in Laspi-Katsiveli, Crimea.

The seminar was organized by UkrNCORA (Ukrainian National Coastal Research Activity) under the support of the Marine Hydrophysical Institute (MHI) of the National Academy of Sciences of Ukraine (NASU) as well as the Institute of Biology of Southern Seas NASU and the Oceanological Centre NASU in framework of the EU Project ENCORA (European Network for Coastal Research).

National Coordinator of ENCORA Project Member of the National Academy of Sciences of Ukraine Prof. Valery Eremeev was a chairman of Scientific Committee and Eugeny Godin (MHI NASU) was a head of Local Organizing Committee.

The Seminar participants had an opportunity to attend lectures in the two sections (that is “Ecological Security” and “Natural Resources”) of the Seminar in accordance with their scientific interests.

The principal aim of the International seminar for young scientists “Ecological Security and Natural Resources of the Black Sea and the Sea of Azov Coastal Zones” was to give modern information about different aspects of the ecological situation as well as about the current state of the natural living and non-living resources in the coastal zone of the region and prospects of their exploration and use in the national economy.

The topicality of the problems under consideration could be explained by the fact that the ecology of the coastal zone has great influence upon the standards of human life and economy. The importance of the coastal zone in provision mankind with necessary resources is permanently increasing.

About sixty experts, specialists, young researchers, PhD-students interesting in coastal problems participated in this event.

Invited lecturers came from the Netherlands (EU-CONSULT-Consultancy in international project management and coordination), Greece (Hellenic Centre of Marine Research), Cyprus (Oceanography Centre of Cyprus), and Bulgaria (Varna Technical University). These lecturers were supported by UkrNCORA. In addition to that, the lectures were given by the leading scientists of the Marine Hydrophysical Institute NASU; Institute of Biology of Southern Seas NASU; Institute of Geological Sciences NASU; Department of Earth Sciences NASU; Institute of Geography NASU; Institute of Geology and Geochemistry of Combustible Minerals NASU; Marine Geology Department of NSNM; Institute of Ecology, Economy and Justice; Institute of Nature Management and Ecological Problems;

Marine Branch of Ukrainian Research Hydrometeorological Institute of the State Committee of Hydrometeorology of Ukraine; Scientific and Engineering Centre of Radiohydrogeoeological Polygon Research; Southern Scientific Research Institute of Marine Fisheries and Oceanography of the State Committee of Fisheries of the Ukraine.

The agenda of the Seminar was as follows:

September 15, Monday

8-00 – 16-00 Arrival and registration of the participants

September 16, Tuesday

10-00 – 10-30 Opening of the Seminar: Welcome and introduction – Eremeev V.N. (General Director of the Oceanological Centre NAS of Ukraine, Chairman of BSRC, IOC UNESCO, Member of the Academy of Sciences of Ukraine, National coordinator of ENCORA Project)

10-30 – 10-50 Gozhik P.F. (IGS NASU), Ivanov V.A. (MHI NASU) “Prospects of development of mineral resources in the coastal zone of the Azov-Black Sea Basin”

10-50 – 11-20 Sovga E.E. (MHI NASU) “Natural resources of the Ukrainian coastal zone”

11-20 – 11-40 Korotaev G.K. (MHI NASU) “Operational marine forecasts as a tool for sustainable development of the marine sector of the Ukrainian economy”

11-40 – 12-00 Coffee Break

12-00 – 12-20 Shnyukov E.F. (Marine Geology Department of NSNM) “Shelf mineral resources”

12-20 – 12-40 Yemelyanov V.A., Lakhnyuk (IGS NASU) “Structure, properties and prospects of utilization of silt sediments of the Ukrainian Black Sea shelf”

12-40 – 13-00 Shestopalov V.M. (academician secretary of DES NASU), Gozhik P.F. (IGS NASU), Ivanov V.A., Sovga E.E. (MHI NASU) “Conception of the program “Sea shores of Ukraine”

13-00 – 13-20 Shapar’ A.G. (Institute of Nature Management and Ecological Problems) “A few peculiarities of developing scattered deposits of shelf zones”

13-20 – 13-40 Palienko V.P., Barshevsky N.E. (Institute of Geography NASU) “Structural paleomorphological and neotectonic conditions of a few mineral deposits on the shelf and coastal zone of the Black Sea and the Sea of Azov”

13-40 – 14-00 Boltachev A.R. (IBSS NASU) “Current state of the ichthyofauna of the Crimean coastal zone and the main reasons of its change”

14-00 – 15-00 Lunch Break

15-00 – 18-00 Excursion about the Experimental Branch of the MHI NASU

September 17, Wednesday

10-00 – 10-20 Ivanov V.A. (MHI NASU), Min’kovskaya R.Ya. (MB of UkrRHMI)
Prusov A.V. (MHI NASU), Shestopalov V.M. (Scientific and

	Engineering Centre of Radiohydrogeoecological Polygon Research) “Water balance in the region of Sevastopol”
10-20 – 10-40	Mitropol’sky A.Yu., Nasedkin E.I., Ivanova A.N. (IGS NASU) “Seasonal peculiarities of sedimentation processes on the Black Sea shelf”
10-40 – 11-00	Polonsky A.B., Mikhailova E.N. (MHI NASU) “Upwelling in the North-West Black Sea and at the coast of the Crimea: interannual variability and influence upon the Ukrainian recreational potential”
11-00 – 11-20	Pavlyuk M.I., Savchak O.Z. (Institute of Geology and Geochemistry of Combustible Minerals NASU) “Comparative analysis of oil-and-gas content of the land and shelf of the Azov-Black Sea Basin”
11-20 – 11-40	Gozhik P.F., Maslun N.V., Znamenskaya T.O., Aksem S.D., Paliy V.M. (IGS NASU) “Substantiation of the prospects of oil-and-gas content of the Azov-Black Sea Basin using structural thermoatmogeochemical methods and stratigraphic analysis”
11-40 – 12-00	Coffee Break
12-00 – 12-20	Akimova O.A. (IBSS NASU) “Use of electronic facilities for information search and location in the field of marine sciences”
12-20 – 12-40	Vladimirov V.L. (IBSS NASU) “International oceanographic data exchange”
12-40 – 14-00	Kucherenko D.G., Martynyuk E.V., Demchenko T.V. (Institute of Ecology, Economy and Justice) Training “Use of ecological problems to achieve economical aids” (Part I)
14-00 – 15-00	Lunch Break
15-00 – 16-00	Kucherenko D.G., Martynyuk E.V., Demchenko T.V. (Institute of Ecology, Economy and Justice) Training “Use of ecological problems to achieve economical aids” (Part II)
16-00 – 16-20	Panov B.N. (SSRIMFO) “Origin and consequences of natural hypoxia in the Black Sea and the Sea of Azov coastal zone”
16-20 – 16-40	Trotsenko B.G. (SSRIMFO) “Information support of economical activity in marine coastal areas”
19-00	Festive Dinner

September 18, Thursday

9-30 – 10-00	Eremeev V.N., Khaliulin A.Kh., Godin E.A. (MHI NASU) “Progress of ENCORA Project in Ukraine”
10-00 – 10-30	Shul’man G.E. (IBSS NASU) “Physiological and biochemical indicators of hydrocole state”
10-30 – 11-00	Gayevskaya A.V. (IBSS NASU) “Parasites and parasitology – what is this?”
11-00 – 11-30	Vasilis Lakes (HCMR, Greece) “State of the art technologies for GIS management systems”
11-30 – 12-00	Peter Davis (EU-CONSULT, Netherlands), Maria Teohaeva (Varna Technical University, Bulgaria) “Black Sea: European Projects – new prospects”
12-00 – 12-15	Coffee Break
12-15 – 12-50	George Zodiatis (Oceanography Centre of Cyprus, Cyprus) “SOS-SOUTH-Service for Oil Spill forecasting in the SOUTHERN European seas”
14-00 – 15-00	Lunch Break

15-00 – 16-30 Visit to the Experimental mussel farm of IBSS NASU (Laspi)
17-00 Closure of the Seminar

September 19, Friday

9-00 – 19-00 Excursion about the Southern Coast of the Crimea

September 20, Saturday

Departure of the participants

The invited lecturers were mainly accommodated at the hotel “Dolphin” in Laspi. The young specialists lived in the youth campus. The Seminar was held both in the conference hall of Laspi youth campus and in the conference hall of the Experimental Branch of the MHI NASU in Katsiveli.

Social events in framework of the Seminar were its logical extension. They included an excursion about the Experimental Branch of the MHI NASU (Katsiveli); a visit to the Experimental mussel farm of IBSS NASU (Laspi); and an excursion to the South Coast of the Crimea.

The Second International seminar for young scientists “Ecological Security and Natural Resources of the Black Sea and the Sea of Azov Coastal Zones” (September 15-19, 2008, Laspi-Katsiveli, Crimea) became a logical continuation of the first International seminar for young scientists “The Black Sea & the Sea of Azov Coastal Zone” (June 16-19, 2008, Sevastopol, Crimea). It gave a possibility to its participants to extend their knowledge concerned both the processes in the Black Sea and the Sea of Azov coastal zones and practical use of their natural resources. The lectures of well-known scientists represented a complete picture of the up-to-date state of the coastal ecosystems and natural resources in the Azov-Black Sea Basin. All mentioned above allowed to find out similarity and difference among the current state of the coastal zones and their exploitation by Ukraine and other European, and first of all, Black Sea countries, as well as to draw up the further plans of UkrNCORA development.