Integrated Land-use Management Modelling of Black Sea Estuaries (ILMM-BSE) is implemented with the financial assistance of the European Union in the framework of the Joint Operational Programme “Black Sea Basin 2007 - 2013”

PRESS RELEASE

Date: 17 December 2013

Land-use Management of Estuaries areas of North-Western (Ukrainian) - Part of Black Sea coast

Ukrainian Marine Environment Protection Association UKRMEPA is a member of the International Association for the Protection of the Marine Environment INTERMEPA. UKRMEPA main goal is to consolidate the capabilities of members of the Organization for the advancement of the marine environment and the coastal zone of the Black Sea and the Azov Sea, as the basis for the existence and further development of civil society.

50 years as a result of human activities, in particular, the artificial straightening and deepening of channels, creating ponds and reservoirs, drainage and plowing of flood plains, plowing steep slopes almost half of small rivers in the region disappeared, and those that remain are in a poor state. In accordance with the available data on the majority of environmental health indicators of water of small rivers of the region in 2.2-3.5 times, and for nitrogen compounds - up to 20 times higher than the maximum allowable values. In connection with the composition of the thematic layers is determined by used mathematical models and techniques (maps of rainfall, air temperature, evaporation, humus content in the soil, soil permeability, the fertilizer and agricultural chemicals norms, etc.).

For the information base of spatially distributed data should include basic and thematic layers of digital data. Base layers (1) hydrologically - correct digital elevation model; (2) map of hydrographic network; (3) soil map; (4) map of types of land use; (5) map of protected areas.

Each year during the storms, sea collapses and takes about 80 hectares of land - only in Ukraine. And we offered - implement (develop) a program of “Black Sea Estuaries 2007-2013” and develop a “protection program areas from erosion of the Black Sea” before the implementation in each country.

The initiative “Building infrastructure for coastal passenger shipping small and medium fleet “Marine Circle” was facilitating the interconnection of all the countries of the Black Sea.

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