Black Sea Ecosystem Processes And Forecasting/ Operational Database Management System

ODBMS

Yürütücü: Prof. Dr. İlkay SALİHOĞLU

1998-2002

The project was established at the end of 1998 as a co-operation between major marine research institutions in 6 Black Sea countries, with the support of NATO Science for Peace Sub-Programme.

Objectives

To explore, quantify and predict the ecosystem variability of the Black Sea through process studies and development of coupled interdisciplinary models with data assimilation schemes that will allow: prediction of the **future states** of the sea **(FORECASTING)**; descriptions of the **present (NOWCASTING)** and the **past states** of the sea and displaying trends and changes **(HINDCASTING)**. To develop further the NATO Black Sea Data Base and Management System for management oriented operational marine forecasting and research, requiring transmission to a wide variety of users quality controlled data received from moored buoys, ships, drifting sensor arrays, fixed platforms and satellites, with stringent requirements in DBMS-to-USER transmission in delayed and / or near-real-time modes.

Participants

- Institute of Marine Sciences METU, Turkey
- Marine Hydrophysical Institute, Ukraine
- P.P.Shirshov Institute of Oceanology, Russia
- Southern Branch of P.P.Shirshov Institute of Oceanology, Russia
- Institute of Biology of Southern Seas, Ukraine
- Romanian Marine Research Institute, Romania
- Institute of Oceanology of Bulgarian Academy of Sciences, Bulgaria
- Tbilisi State University, Georgia

For more information visit: http://sfp1.ims.metu.edu.tr/