

Local Project Leader: Associate Professor Dr. Şükrü Beşiktepe

## 2007-2010

## **OBJECTIVE**

The goal of ECOOP is to build up a sustainable pan-European capacity in providing timely, quality assured marine service (including data, information products, knowledge and scientific advices) in European coastal-shelf seas. The ECOOP project include 71 partners.

activities:



This is to be attained through the following

> Integrate existing coastal and regional sea observing (remote sensing, in-situ) networks into a pan-European observing system

Integrate existing coastal and regional sea forecasting systems into a pan-European fore casting system and assimilate pan-European observation database into the system

Assess the quality of pan-European observing and forecasting system

Advance key technologies for the current and next generation pan-European observing and forecasting system

- Develop and generate value-added products for detecting environment and climate change signals
- Integrate and implement a pan-European Marine Information System of Systems (EuroMISS) for general end user needs
- Develop methodology and demonstrate an European Decision Support System for coastal and regional seas (EuroDeSS) that responds to the needs from targeted end users, as emphasized in the GEOSS and GMES initiatives
- Carry out technology transfer both in Europe and at intercontinental level, establish education and training capacities to meet the need for ocean forecasters http://www.ecoop.eu/