



EG11.45
December 2011

Proposal for a new Working Group

EuroGOOS Coastal and Shelf Seas modelling Group

Chairmen: Dr. Paolo Oddo (INGV) and Dr. Ole Krarup Leth (DMI)

The EuroGOOS Coastal and Shelf seas Modelling Group (COSMO-WG) main objective is to establish a network of European experts from different coastal oceanography disciplines to discuss, promote and coordinate Coastal Ocean modelling (monitoring) activities in Europe. The COSMO-WG will meet on yearly basis.

Terms of Reference

The main objectives of the COSMO-WG are:

- Maintain a link between international efforts (with particular attention to the GODAE OceanView Coastal Ocean and Shelf Seas Task Team) and ongoing coastal modelling activities in Europe;
- Maintain a continuous link between global/regional and coastal ocean operational activities at European Level, identifying the requirements to fill the gap between the different scales for a proper downscaling;
- Monitor research activities associated with coastal and shelf seas at European Level;
- Promote actions aimed at coordinating research associated with coastal and shelf seas activities;
- Identify coastal modelling requirements in terms of numeric and codes;
- Address the issue of data assimilation in coastal areas;
- Identify common protocols in coastal ocean model nesting and define a strategy for future works;
- Address the issue of model validations and routine observations in coastal areas;
- Create a roundtable of recognized experts from different coastal ocean disciplines (physical and biogeochemical numerical modelling, data assimilation, remote and in-situ observations, validation and operational activities);