

Report on Activities for IBI-ROOS 2011

Contact

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IBI-ROOS members and change in membership

18 members from the five countries surrounding the IBI area. [1 new member](#)

France

1. Ifremer /France
2. **Mercator-Ocean/France**
3. **SHOM/ France**
4. **Météo-France/ France**
5. CETMEF
6. **CNRS France**

Spain

7. **Puertos Del Estado/Spain**
8. **AZTI/Spain**
9. **MeteoGalicia / Spain**
10. **Euskalmet-Basque Meteorological Agency / Spain**
11. **I.E.O / Spain**
12. **INTECMAR/ Spain**

Portugal

13. **Instituto Hidrográfico /Portugal**
14. **IPIMAR / Portugal**
15. **IST / Portugal**

Ireland

16. **Irish Marine Institute/ Ireland**

UK

17. **NERC / UK**
18. **Met Office**

Potential members

- Centre for Environment, Fisheries & Aquaculture Science (CEFAS)/UK

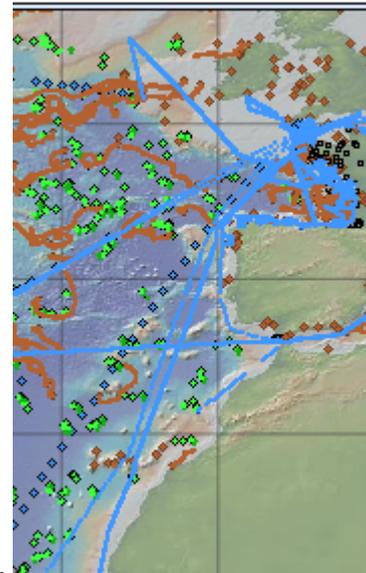
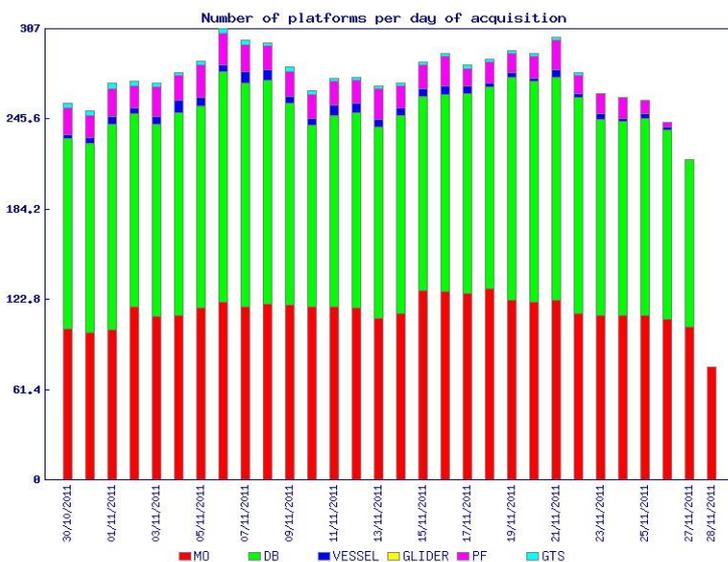
Objectives of IBI-ROOS

As a network of institute all around the IBI area, we stand for

- Improving the in situ observing system by better coordination of the national contributions
- Develop a plan to design the necessary observing system in the IBI area
- Develop collaboration between the ocean modeling and forecasting teams from regional to coastal for better forecasting and monitoring of the ocean in the IBI area
- Agree and implement an efficient data & product exchange within IBI community
- Work towards enhancing downstream services in the IBI area by better specifications of the requirements, identification of the gaps and definition of networking activities to work together on solutions

Main achievements during the last year

- In collaboration with MyOcean, in 2010, an in-situ portal for the IBI community, operated jointly by Puertos Del Estado and Ifremer was set up. In 2011 this service went through a series of reviews within MyOcean and presently it's about 250 platforms that are integrated to the portal each day (see figure one month of data). A first set of tools have been developed for in situ viewing service based on this portal: see <http://www.ibi-roos.eu/ibi-roos/Access-to-data/Fixed-station-Viewing-service>. More advanced tools will follow. Action started to integrate long time series from IBI partners and this will be pursued in collaboration with MyOceanII, Emodnet-PP and SeaDataNetII.



- IBI partners participated to the GISC meeting held by EEA in October and reinforced the priority for additional man power for coordination at ROOS level working jointly with the EuroGOOS Office.
- Modelling activity has continued according to plans. Amongst other activities, V1 version of MyOcean is operating and downscaling activities has progressed according to the described plans.
- The ASIMUTH project started and is a first joint activity in setting up a downstream service for HAB detection.
- Assess what is available to Marine safety search and rescue application at national level, in order to identify gaps, and develop plans for improvement. It has been identified that this activity should be carried out jointly with NOOS.

Plan for next year

- Extend IBI data portal to historical data from 1990 in collaboration with MyOceanII and SeaDataNet
- Continue the activities on observing system coordination and define main priorities for IBI
- Continue development of modelling activities in downscaling from MyOcean
- Collaborate with NOOS on Oil spill drift and better identify the gap and activities for enhancing the system
- Continue within ASIMUTH the development of HAB downstream service form fish and shellfish farmers.
- Test E-Hype in the IBI area and continue the update the inventory focusing on main rivers (30m³/s)
- Start revising the Strategic plan to take into account the MCS developments

Relation to major projects

Close relations with EU projects: MyOcean, EMODnet-PP, SeaDataNet, JERICO, EasyCo

Good collaboration with RAIA (www.observatorioraia.org) that is dealing with Operation Oceanography at the western coast of the Iberian Peninsula that implies both modelling activities and observing system deployment (three new buoys in the water).

The IBI-ROOS partners have been successful in the downstream services call for the ASIMUTH project which will enhance Harmful Algal Bloom prediction in the IBI region. The project started in December 2010, will run for 4 years and was presented at the EuroGOOS Conference.

Challenges and problems

The difficulties in the IBI area are mainly related to the capacity of the institutes to dedicate enough man power on these trans-national activities that we would like to develop together, especially in bridging the gap between Marine Core Services and downstream services.