The MyCOAST e-Newsletter – Issue 2

Welcome to the second issue of the e-newsletter of the MyCOAST project. On this issue, we provide a brief summary of project progress and activities from the summer of 2018 until Jun. 2019.

Brief project summary reminder

A project summary was given on Issue 1 (http://mycoast-project.org/images/newsletters/Newsletter_1.pdf) and the *About* page of our website (http://www.mycoast-project.org/about/) so we will not repeat it here. However, just a reminder that MyCOAST is a project of 15 partners (and 7 associated partners) funded by the INTERREG Atlantic Area European transnational cooperation programme. The project is due to end in Jul. 2020, although we are requesting an extension to Dec. 2020. The overall aim of MyCOAST is to enhance the capability of risk management systems in the Atlantic region by improving co-operation between national and regional observational and forecasting systems, and end users (citizens, public administrations, etc.), building *a coordinated Atlantic Coastal Operational Observatory* in the Atlantic area.

Meetings

The 2nd Progress Meeting was preceded by the 2019 IBIROOS Annual Meeting (3 Apr.) and took place on 4 –5 April 2019 at the Plymouth Marine Laboratory (Plymouth, UK).

MyCOAST Workpackage highlights

WP 2 – Project Communications:

- The project website (www.mycoast-project.org) is fully operational and the primary means of general dissemination. Project brochures in 4 AA languages are available on the *Downloads* page. Project *News* and *Activities* are listed on the website and related dissemination outputs (posters, presentations) are also available for download.

WP3 – Capitalization:

- We have carried out a mapping exercise of observation and modelling capabilities.
- Five regional end-user workshops have been scheduled, where the project outputs will be presented and discussed.

WP4 – Development of coastal systems:

- A review of the inventory of in-situ platforms has been carried out, as well as a review of *"best practice"* documents. A report on this subject will be produced this year.
- A lot of activity is underway for the analysis and improvement of High Frequency Radar data (surface currents and waves). Wave measurements, in particular, have been the subject of detailed analyses.
- The coastal observing systems operated by the project partners continue to develop. These include new mooring location in Scotland, additional measurements and instruments in Ireland, technological developments in Galicia (anti-fouling measures), new HF radars and in-situ moorings

in France, new ferrybox in Portugal, a comprehensive thermosalinograph data acquisition system on Spanish research vessels, etc.

WP5 – Downscaling (modelling):

- Work has been carried out to investigate the potential use of HF radar within an operational modelling system, by comparison to actual and "virtual" Lagrangian drifters.
- New model developments in Portugal, Ireland, France, Spain (Galicia, Basque Country and State-wide) were presented.
- Nesting within CMEMS products is well widespread among the partners' models.

WP6 – Data:

- The project is fully committed to common standards for model and observational data (from all sources).
- Such common standards are reasonably well developed (SeaDataNet, OceanSITES, relevant netCDF formats) and widely used by the partners.
- In some cases, common tools are required (and being developed) to convert in-house or proprietary format data to these common formats.

WP7 – Tool development:

- It is early days for this WP but currently an inventory of coastal risk tools is being compiled to produce a state-of-the-art report.

WP8 – Pilot applications:

- Progress in this WP will follow the activities of WP7.

What next?

We aim to be pro-active in announcing any relevant project activities, in particular those open to potential end-users and stakeholders. Please keep an eye on the website *News* page.

For more information feel free to contact Julien Mader (MyCOAST coordinator, AZTI) at jmader@azti.es or Alejandro Gallego (WP2 - Communications workpackage leader, Marine Scotland Science; a.gallego@marlab.ac.uk).

Best Wishes,

The MyCOAST partnership:
Project Partners: AZTI (Lead Partner), IEO, INTECMAR, IMI, USC, SHOM, PdE, IFREMER, CEFAS, IST, PML, MSS, DXCACC-METEOGALICIA, IH and QUALITAS
Associated partners: DAEM, APAC, Guardacostas Galicia, EuroGOOS AISBL, SEPA, GPMB and CML

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