



## **Coastal Operational Oceanography: understanding user needs**

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Within the framework of the 7th Framework European project FIELD\_AC, SIMO and the LIM/UPC have undertaken a study about the operational oceanography requirements of a selected group of specific end-users in four different European coastal regions, namely Hamburg, Liverpool, Barcelona and Venice. The activities of all the target organisations are related to coastal issues, varying from aquaculture to marinas and port management, Water Framework Directive implementation, renewable energies and flooding alerts. Information has been compiled using a specific questionnaire that has been distributed to all potential users, in addition to workshops held in the four mentioned regions.

A total number of 25 questionnaires have been collected in all the locations from a variety of users. Results have been analysed depending on the location but also considering the type of organisation. Information about the spatial and temporal resolution requirements, variables needed, locations to be considered, frequency of data delivery and formats requirements have been gathered. This input from the end-users is being used both in the FIELD\_AC modelling set up and also in the development of an application to visualise the results. Regarding the latter, all the modelling results and observational data will be handled using a THREDDS catalogue linked to a web-based GIS application.