



## **Towards an operational pan-European oceanographic real time data exchange**

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SEPRISE (Sustained, Efficient Production of Required information Services) has been a Specific Support Action funded by the EC within the 6th Framework Programme to further operational oceanographic services, in line with the priorities of the members of EuroGOOS. These priorities also coincide with those of the European Commission and of the GMES/GEO initiatives. The project was finalized in May 2007.

One of the deliverables from the project was to deliver an operational demonstration with the main objectives to demonstrate the feasibility of joint pan-European data exchange, regular analysis and forecasting in an operational mode and to demonstrate the European capacity in operational oceanography.

The demonstration includes all operational steps; observation, data management, real time information, forecast and dissemination to users.

Currently 48 European oceanographic and meteorological institutes provide data to SEPRISE. Data is available in real-time from fixed stations and buoys for waves, wind, sea level, salinity, temperature and currents. In addition, model results have been obtained to provide forecasts for the same locations. The SEPRISE demonstration currently includes 389 stations producing 660 time series. Data is collected and presented once every hour. The demonstration has proven the possibility of sustained coordinated production and acts as a model for continued efforts.

Despite the fact that the funding from EU has ceased the SEPRISE demonstration is still active much thanks to the contributors' willingness to keep it going. New stations and models are continuously added to the system.