

**MyOcean—operational products for fisheries**

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The EU-supported project MyOcean is the implementation project of the GMES (Global Monitoring for Environment and Security) Marine Core Service, aiming at the deployment of the first Europe-wide concerted and integrated capacity for monitoring and forecasting of the oceans. The project objective is to analyse, forecast and observe the oceans at global and regional European scales in order to provide a monitoring service for the marine environment and security. By combining remote sensing and *in situ* observations and their assimilation into three-dimensional circulation/ecosystem models, MyOcean aims to provide a service that delivers the best information available on global and regional oceans. These data include temperature, salinity, currents, ice extent, sea level, and primary ecosystem parameters. The target applications are marine safety, marine resources, climate and seasonal forecasting, as well as marine and coastal environments. Within this study special focus is laid on the MyOcean key area of marine resources and the value of the service products will be highlighted, specifically on the fisheries within the North Atlantic.

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