



## The Mediterranean Monitoring and Forecasting Centre, a component of the MyOcean System

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Within the Global Monitoring for Environment and Security program (GMES) and its Marine Service Fast Track, MyOcean consolidates the past efforts in pre-operational ocean monitoring and forecasting capacity in Europe. The Mediterranean Monitoring and Forecasting Centre (Med-MFC) is one of the regional production centre of the MyOcean system ([www.myocean.eu](http://www.myocean.eu)). The Med-MFC is therefore the operational centre for the provision of basic modelling data sets that are at the basis of the continuous monitoring and forecasting of the marine environment for this region. This system is composed by two key element off line coupled: Med-currents for the physical system, and Med-biogeochemistry, for the biogeochemical component. The system produces ten day forecast daily for Med-currents and bi-weekly for Med-biogeochemistry.

The MyOcean system is operational since December 2009 and is periodically updated.

The development of the components of the MyOcean Med-MFC has started more than ten years ago in the frame of several EU-projects and since year 2009 is part of the MyOcean and MyOcean2 system. All the Med-MFC products are available via the MyOcean catalog and MyOcean download facilities. The products available on the MyOcean 2 catalogue will be described as well as the ongoing research activities related to the future update of the forecasting system.