

# Marine Water Forecasting

**DHI's Coastal and Marine Water Forecast Service is a complete operational and online service. It is tailor made and provides hydrographic, environmental and meteorological information for locations worldwide.**

## Users of the Service

Operators, decision makers, planners, emergency managers, industry, etc need key information to support planning, design and operations. These groups have different and varying needs for metocean data and information for their local marine and coastal areas. The information provided includes for example time series and maps presenting nowcast and forecast of currents, sea surface heights, wave climate, temperature, salinity levels, oxygen concentration, bathing water quality, etc. This information is provided as a dedicated, online and interactive forecast report.



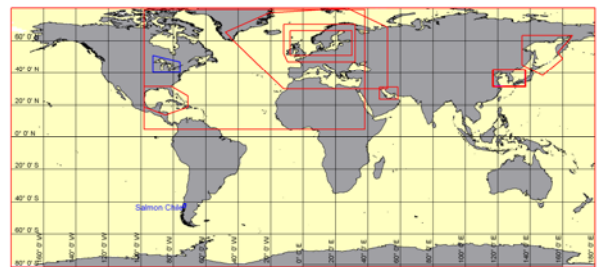
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Based on accurate meteorological forecasts the Coastal and Marine Water Forecast Service provide online hydrographic and environmental forecasts for the coming 3 to 5 days for, among others, the following regional areas:

- The North Sea, the Baltic Sea and the interconnecting seas
- The Northeast Atlantic
- The Gulf of Mexico

- The Gulf (between the Arabic countries and Iran)
- The Caspian Sea
- The Sea of Chile

New forecast areas including local area forecasts can be established relatively easily on demand.



Key features of the Coastal and Marine Water Forecast Service are:

- Fully operational and online state of the art marine forecasting service
- Multidimensional hydrodynamic and ecological models, including advanced data assimilation routines
- Continuous calibration and validation of model results
- Comprehensive and tailor made web based presentation of relevant metocean data, including hindcast, nowcast and forecast information



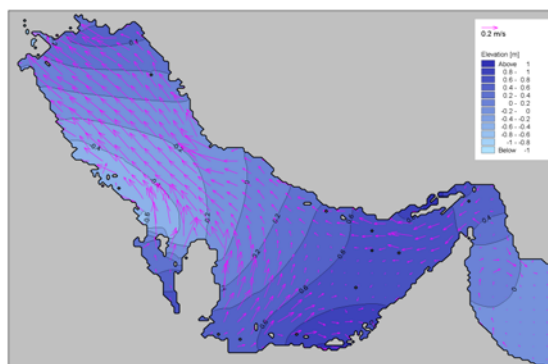
The online service is typically tailored to meet specific needs and available on dedicated web pages. In addition, requested information can be provided continuously or on demand via email, SMS or FTP service.



### The advantages

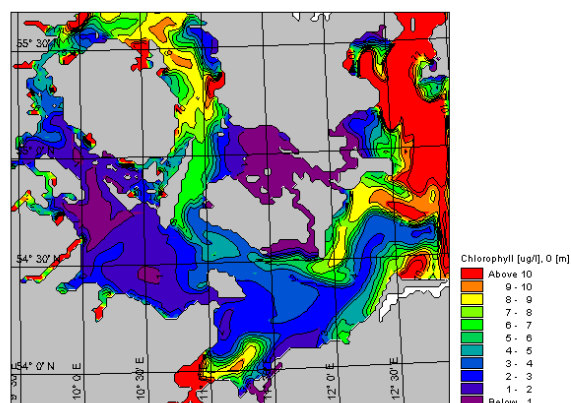
The Water Forecast Service is used in support of daily operations and for specific project applications because of its proven track record of delivering fast, reliable and pertinent information when needed.

The data is customised to meet specific needs in terms of functionality, operability and support of design and other business processes. Your needs are taken care of by our experienced oceanographers, engineers and scientists, who also provide continued system support and maintenance.



### Leveraging your investment

Having dedicated access to processed information from the online Marine and Coastal Water Forecast Service ensures that your business processes (from planning to design, implementation and operation) are based on the best possible data foundation.



Visit [www.waterforecast.com](http://www.waterforecast.com) for a preview of daily forecasts for the North Sea, the Danish waters, the Baltic Sea and the Gulf.



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