

Innovative aquaculture observing system for "extreme marine events"

Real-time data and forecasts provide timely warnings about marine heat waves, deoxygenation events, and extreme wave events. This information supports timely management decisions to enable the protection of cultured fish, early harvesting, and safeguarding or removing equipment.

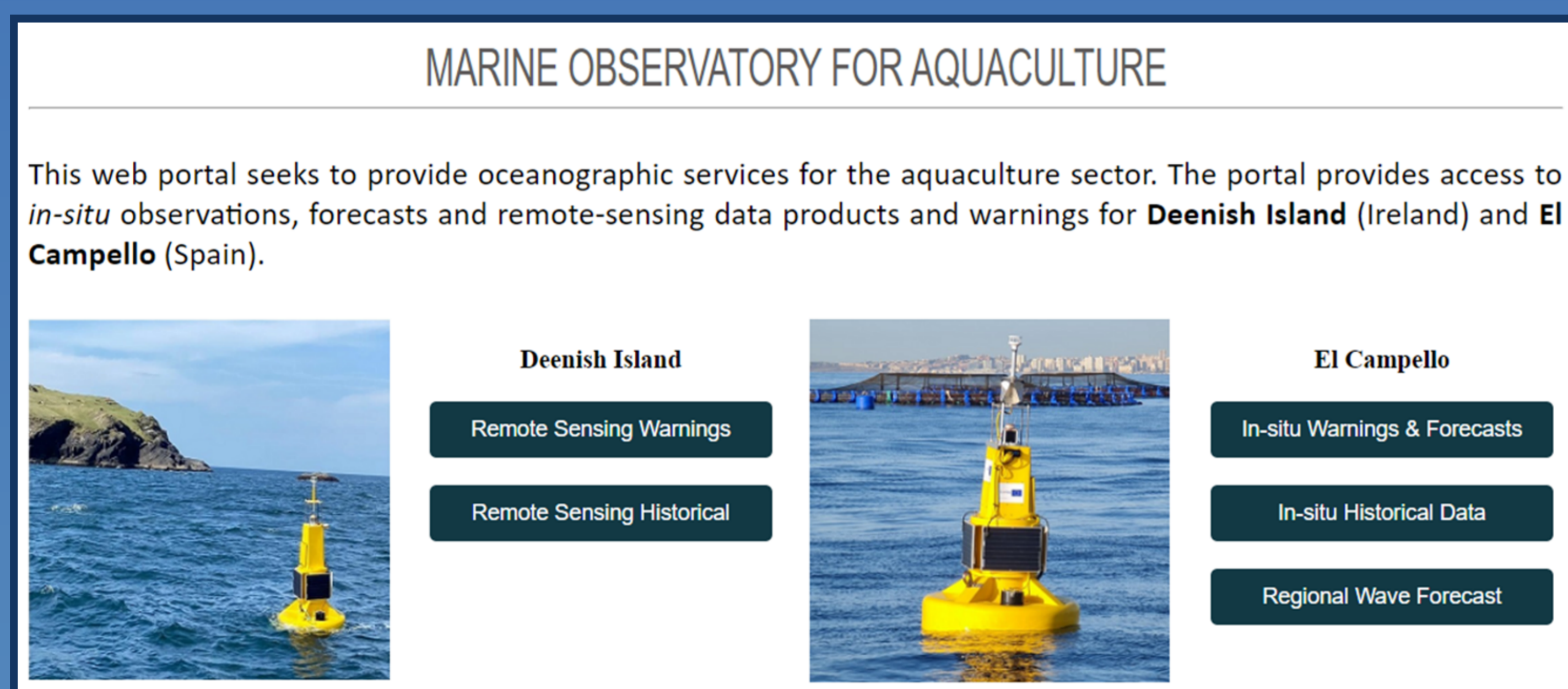
WHAT

Measured Essential Climate Variables:

- Water currents (speed and direction)
- Wave height
- Dissolved oxygen
- Temperature
- Salinity
- Turbidity
- pH
- Chlorophyll
- Atmosphere: wind speed & direction

HOW

Co-designed with the users, the developed integrated system of combined marine sensors and hydrodynamic modelling provides historical, near-real time and forecast data which enable the users to make properly informed decisions for optimized management of their aquaculture facilities.



This end-to-end system provides a management support tool for the aquaculture industry. The EuroSea best practice developed will facilitate the knowledge transfer to other marine areas.

WHY



Video



Website



Data

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