



Earth Observation services for the Black Sea Coastal Zone Management (EO4CZM)



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The Earth Observation (EO) data can significantly contribute to the advance of oceanographic knowledge in the Black Sea area. Services proposed to be developed within EO4CZM project will act as a multi-thematic information collection and analysis tool to support the decision-makers responsible for integrated coastal management implementation in the Black Sea coastal areas. It will also support the strategy concerning the Blue Growth in the region, by facilitating the access to key environmental variables related to aquaculture, pollution and habitat management. It will help develop sectors that have a high potential for sustainable jobs and growth, such as mussels farming, fisheries or coastal tourism.

Thematic services envisaged to be developed:

- Provision of a Sentinel-2 atmospheric corrected seamless mosaic
 - Thematic adapted remote sensing indices
- High-resolution products for water quality monitoring in Danube Delta
 - Aquaculture resources management
 - Mapping of coastal geomorphological features

Partnerships

Germany (Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung GmbH - HZG), Portugal (DEIMOS Engenharia), Romania (National Institute for Marine Research and Development "Grigore Antipa" - NIMRD, University of Bucharest, TERRASIGNA)