EO4SIBS Expected results

Novel EO-based products and enhanced data sets dedicated to the Black Sea for:
- Ocean colour;
- Coastal altimetry;
- High resolution salinity;
- Sea state information.

New knowledge and methodology for an improved understanding of physical and biogeochemical processes, and in particular:
- Mesoscale circulation;
- Plume tracking and water masses identification;
- Sea level and surface salinity dynamics and trends;
- Water productivity and optical properties

A web-interface facilitating access to the developed products and results exploiting advanced data access and visualization tools.

A Scientific Roadmap identifying science priorities and new development activities in the Black Sea for the next years.

Partners from: Belgium, France, Romania, Spain
Project timeframe: 24 months

CONTACT
University of Liège
B5a Sart-Tilman
B-4000 Liège
Belgium

Project Coordinator:
Marilaure Grégoire
mgregoire@uliege.be

GET INVOLVED

Project homepage:
www.eo4sibs.uliege.be/

Follows us on social media:
www.facebook.com/ eo4sibs
https://twitter.com/Eo4Sibs

Earth Observation Data for Science and Innovation in the Black Sea

Black Sea and Danube Regional Initiative - Science
www.eo4sibs.uliege.be/
**EO4SIBS overall objectives**

- To collect **new data** to support the development of novel algorithms and to propose laboratory analyses of the highest quality.

- To develop a **new generation of algorithms** that can ingest the wealth of spatial, temporal and spectral information provided by recent sensors providing high quality reference products for the blue and green ocean.

- To build novel **composite products** that integrate the satellite information with that from robotic platforms and numerical ocean models.

- To assess how the use of EO data **improves** our knowledge of good environmental state (GES) and climate change in the Black Sea.

- To **disseminate** the developed tools and products to the regional and international scientific and end-user community through the setting of a web platform, the organization of dissemination events, the participation to conferences.

---

**EO4SIBS workflow**

**EO4SIBS Main Stakeholders**

- Scientific and end-users communities
- Regional Stakeholders
- European Commission
- Black Sea Commission
- Black Sea Economical Cooperation