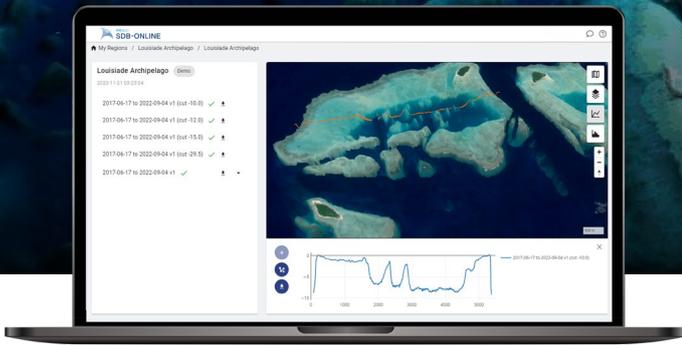


# Satellite-Derived Bathymetry

## Technical Specification

Satellite-Derived Bathymetry (SDB) is the calculation of shallow water depth from satellite sensors. EOMAP, a Fugro company is the leading provider of SDB globally and maintains the service and service team with the highest technological readiness.



### KEY BENEFITS

Access to high resolution shallow waters bathymetry remotely, without on-site surveys.

- + Cost efficient
- + Monitor coastal changes
- + Access to all regions worldwide
- + No need for costly surveys
- + High resolution bathymetry grid from the shoreline to deeper waters
- + Rapid assessment

### USE CASES



Integrated Coastal Zone Management and coastal protection



Reconnaissance survey for on-site operations



Updating nautical charts and geospatial databases



Coastal engineering and dredging



Contact us  
at [shallowwater@eomap.de](mailto:shallowwater@eomap.de)

**EOMAP**  
a Fugro company



## **Satellite-Derived Bathymetry** Mapping and monitoring

### ACCESS TO SHALLOW WATER BATHYMETRY

We are sensor-agnostic and work closely with Vantor, Planet, ESA, and other satellite operators to ensure the highest product quality.

#### Spatial resolution of bathymetric grid

+ 1m, 3m, 10m

#### Depth coverage

+ 1 x Secchi Disc Depth at time of satellite recording  
Average maximum depth values for SDB: Canada 10m, Great Lakes 10m, US West Coast 5-10m, US East Coast 5-10m, Caribbean 20m, Pacific 25m, Mediterranean Sea 20m, Baltic Sea 10m, Black Sea 5-10m, South China Sea 20m, Australia 15m

#### Data provider

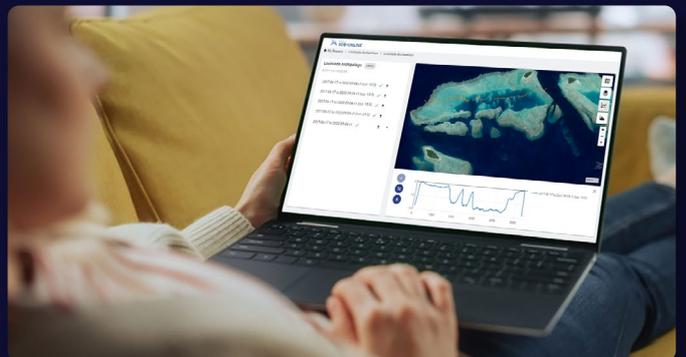
+ EOMAP GmbH & Co. KG, Schlosshof 4,  
82229 Seefeld, Germany

#### How can I know if SDB provides value for my project site, and what the uncertainties and coverage are?

We provide a detailed, cost-free feasibility assessment that includes: expected depth coverage, uncertainty estimates, and suitable service options.

### Our SDB portfolio

- + On demand provision of data
- + Access to archived data via api or app
- + Desktop software WATCOR-X™ for in-house capabilities for hydrographic offices and navies
- + eoapp™ SDB-ONLINE, an online solution for in-house capabilities
- + Capacity building and hands-on trainings
- + Cost free feasibility assessment for your site



Enquire here  
[discover.eomap.com](https://discover.eomap.com)