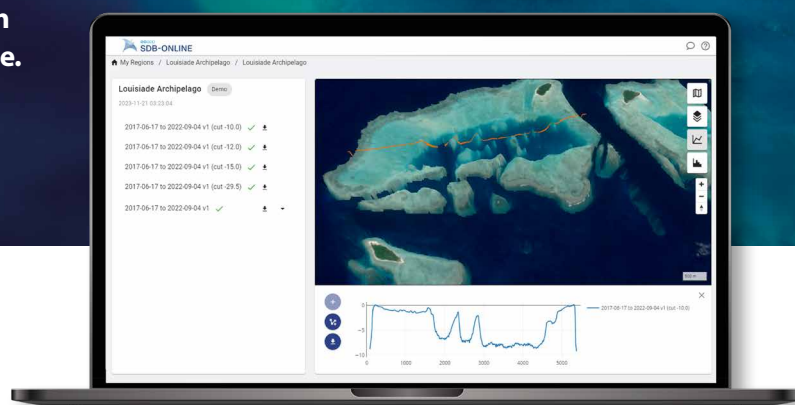





The Web App for Satellite-Derived Bathymetry

SDB-ONLINE is the new cloud-based software solution to create bathymetric grids for shallow waters worldwide. It builds on EOMAP's expertise in Satellite-Derived Bathymetry (SDB), a technique to map water depth from space.

With SDB-ONLINE, coastal engineers, surveyors, modellers or scientists can create high-resolution bathymetry grids 24/7.



3 STEPS TO HIGH-RES BATHYMETRY

-  Define your AOI – anywhere in the world
-  Select relevant satellite data - 1m or 10m resolution
-  Customize your order – additional services available

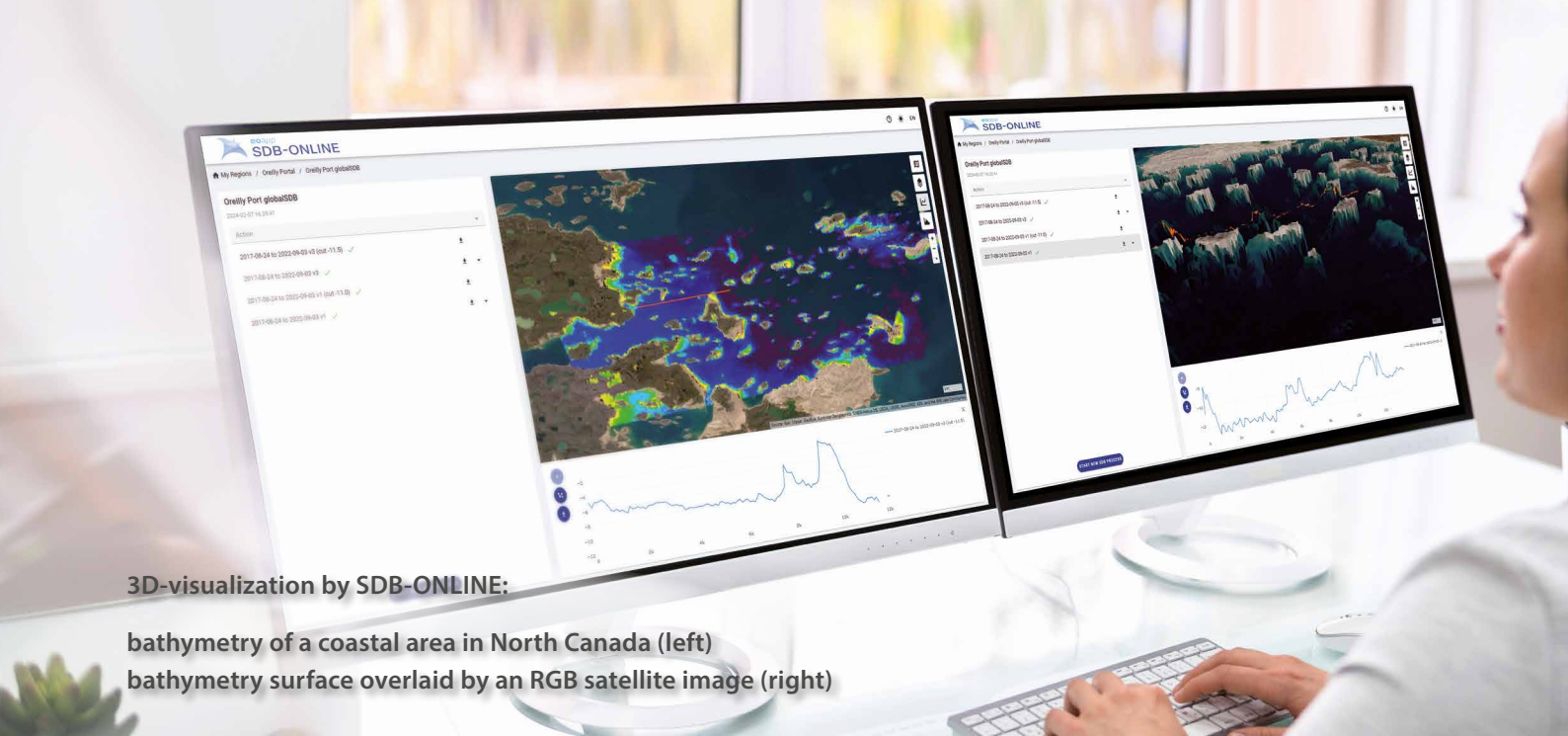


Contact us:
sdb-online@eomap.com

WHY USE SDB-ONLINE?

- + Easy access to the intuitive user interface
- + Time savings due to rapid cloud processing
- + Access to all – however remote – regions worldwide
- + Fully scalable via API
- + No need for costly hard- or software
- + 100% cost control – pay-per-use via credits

Benefit from the high cost- and time savings of this solution for desktop studies, survey planning, or coastal management.



3D-visualization by SDB-ONLINE:

bathymetry of a coastal area in North Canada (left)
bathymetry surface overlaid by an RGB satellite image (right)

PRODUCT FEATURES

- + For shallow waters from shoreline to 1 x Secchi Disc Depth
- + Bathymetry products following ISO and OGC standards
- + Accessible via browser or API
- + Direct connections to Vantor (1m/2m) and Sentinel-2 (10m) data archives
- + Multi-scene approach for robust results
- + Access to nautical chart layer
- + Automatic tide correction (e.g. LAT)
- + Options: QA/QC process by EOMAP's data analysts and upload of survey data for validation

EOMAP's technology is fully physics-based.
In contrast to the standard, empirical approaches, this makes you independent from requiring any site-specific calibration data.

USERS SAY

"EOMAP's SDB-ONLINE is delivering fast and accurate results without the need of ground control data. The multi-image processing option is a game changer in challenging locations, especially with frequent cloud cover or heavy vessel traffic," says Véronique Jégat, Senior Geo-Data Engineer at Fugro.

"Particularly elegant was how EOMAP combined multiple images of the same area to give the best possible depth estimate. The workflow is already very smooth," reports Jonathan Beaudoin, Managing Director, QPS B.V., who integrate SDB-ONLINE into their own software solutions.



Try www.sdb-online.eoapp.de
and create shallow water bathymetry from the comfort of your desk!