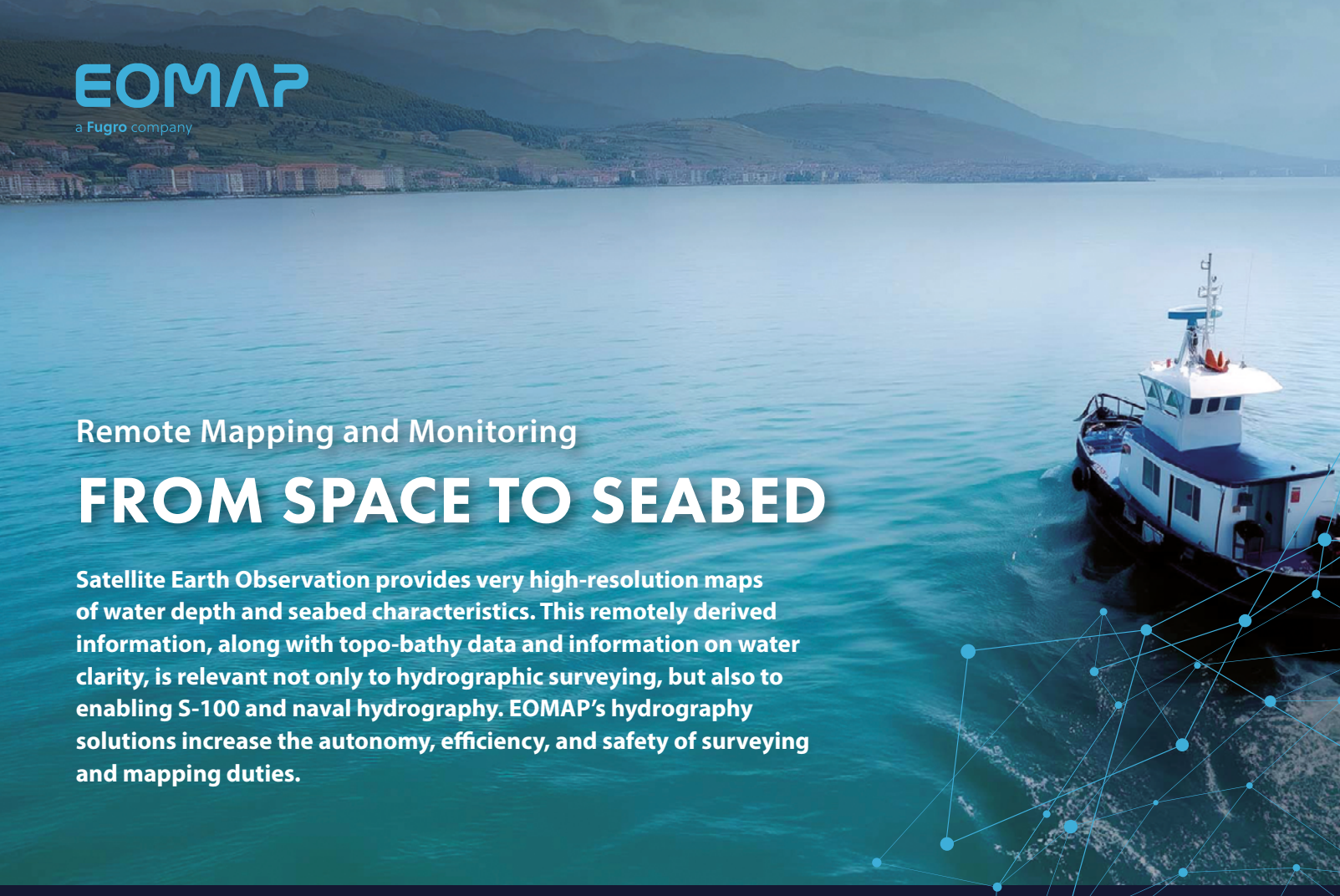
EOMAP
a Fugro company



Remote Mapping and Monitoring

FROM SPACE TO SEABED

Satellite Earth Observation provides very high-resolution maps of water depth and seabed characteristics. This remotely derived information, along with topo-bathy data and information on water clarity, is relevant not only to hydrographic surveying, but also to enabling S-100 and naval hydrography. EOMAP's hydrography solutions increase the autonomy, efficiency, and safety of surveying and mapping duties.

Hydrography strives to understand the physical features of oceans and inland waters. In addition to mapping depth and hazards, it involves monitoring shallow waters to track changes.

CHALLENGE ACCEPTED

+ Increase the efficiency of shallow water mapping and monitoring
+ Improve bathymetric lidar and echo sounder surveys
+ Strengthen the capabilities of your Hydrographic Office

WHY BUILD ON EOMAP SERVICES

Remote access
Gain access to shallow water depths from the comfort of your desk, without being on site.

Receive data quickly and conveniently
Turnaround times range from hours for software users to a few weeks for data package orders.

Keep up to date
Monitor changes in dynamic coastal zones and plan your acoustic surveys for maximum efficiency.

Build your skills
Use EOMAP's software and training to develop in-house capabilities.

Contact us
hydrography@eomap.com

OUR SOLUTIONS

Best-in-class Satellite-Derived Bathymetry

EOMAP is the top-ranked SDB provider according to Hydrographic Offices and the industry. User rating of 8.9 out of 10.

Monitoring Coastal Change

Monthly and quarterly monitoring concepts for dynamic coasts to keep track of sediment movements caused by currents or storms.

Supporting efficient Survey Planning

Using SDB makes line planning and shallow water mapping through MBES or single beam more efficient. It reduces risks to equipment and staff, and provides full coverage from the shoreline to the deep ocean.

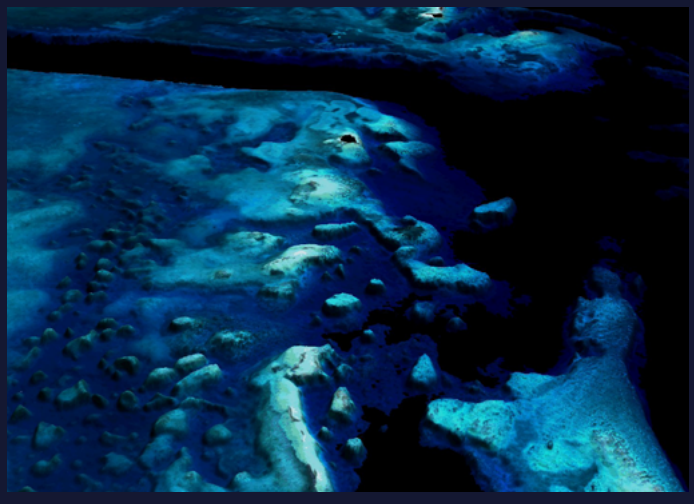
Shoals Database

Specifically for Southeast Asia, we offer the shoals database. It contains information on shallow water shoals, many of which are displaced in nautical charts (CAT ZOC C or worse) or not mapped at all.

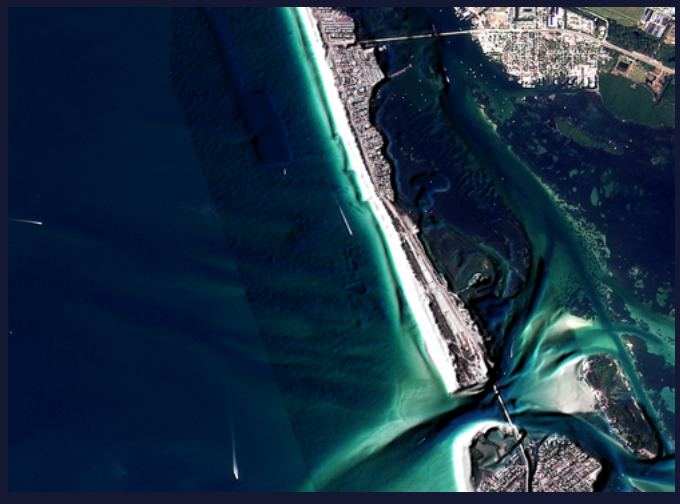
SDB Applications

Our SDB applications Watcor-X © and eoapp™ SDB-Online provide in-house capability for desktop or cloud computing. eoapp™ SLB-Online facilitates quick and easy access to active profiling lidar transects from space.

USE CASES



Shallow Waters of Belize | As the premier SDB provider of the United Kingdom Hydrographic Office (UKHO), EOMAP mapped the shallow waters of Belize in 2022. Parts of the 9,000 km² area had not been sufficiently surveyed before.



Coquina Beach, Florida | SDB mapping before and after Hurricane Irma demonstrated that SDB can contribute to greater accuracy in post-storm assessments. This assists with initial economic loss estimates and disaster declarations, facilitating a faster disaster response.

Learn more
eomap.com/markets

Earth Observation and Environmental Services | **eomap.com**

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