



Satellite Derived Bathymetry for Coastal Mapping

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Message from the Guest Editor

Originally, the purpose of depth measurement was safe navigation; today, The acquisition technique of bathymetric data has evolved from a shipborne platform to airborne and spaceborne acquisition. We can assume that at least 50% of the total global area of the continental shelf is unsurveyed, or surveyed with horizontal and vertical inadequate accuracy defined according to IHO S-44 standards (IHO, Edition 6.0.0, September 2020). Therefore, it is necessary to find efficient and preferably cost-effective methods of bathymetry determination in shallow water. One of the most efficient and least expensive methods is satellite-derived bathymetry (SDB). This SDB has recently been considered a new promising technology in the hydrographic surveying process, especially for shallow water area acquisition, and provides a simple reconnaissance tool for hydrographic offices around the world.

This Special Issue, “Satellite Derived Bathymetry for Coastal Mapping”, calls for all original research articles intended to cover the latest advances.





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