Special Issue

Satellite Derived Bathymetry for Coastal Mapping

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.

Guest Editor

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Deadline for manuscript submissions

closed (15 December 2023)

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Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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