

Special Issue

Multi-Platform Remote Sensing for Bathymetric Mapping and Aquatic Monitoring

Message from the Guest Editors

The aim of this Special Issue is to present the latest scientific and technological advances in the use of remote sensing for bathymetric mapping, aquatic monitoring, and coastal zone analysis. This Special Issue welcomes original research articles and review papers related to the application of remote sensing in aquatic environments. Topics of interest include, but are not limited to, the following:

- Bathymetric mapping using remote sensing data;
- Satellite remote sensing of inland waters and coastal areas;
- UAV and USV applications in aquatic remote sensing;
- Airborne and bathymetric LiDAR;
- Integration of satellite, airborne, UAV, USV, and field data for bathymetric mapping and aquatic monitoring;
- Applications of multispectral, hyperspectral, and SAR imagery;
- Coastal zone monitoring and coastal process analysis;
- Artificial intelligence and machine learning methods for remote sensing data analysis;
- Detection and monitoring of vessels and other surface objects using remote sensing data;
- Accuracy assessment, validation, and quality assessment of remote sensing data.

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About the Journal

Message from the Editor-in-Chief

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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