

## Special Issue

# Application of Remote Sensing Technology in Marine and Water Resources Observation

### Message from the Guest Editors

We are pleased to invite you to contribute a paper to the Special Issue titled “Application of Remote Sensing Technology in Marine and Water Resources Observation”. Research areas may include (but are not limited to) the following:

- Remote sensing concepts and advanced sensors for the marine/ocean environment and water resources;
- Monitoring of marine/water litter and floating materials (such as sea ice, algal blooms, and oil-spill pollutions) achieved through the use of remote sensing methods;
- Monitoring of parameters affecting the sea surface, such as surface current, wind fields, wave height and so on;
- Innovative SAR concepts for optimal sensing of the marine and water environment;
- Change detection techniques for marine and inland water observation;
- PolSAR methods for maritime surveillance;
- InSAR techniques for coastline changes, and river subsidence;
- Applications in remote sensing for river water quality;
- Remote sensing of the ocean water color;
- Innovative applications using passive optical sensors in marine, coastal, and inland water environments;
- Maritime surveillance case studies, including navigation in ice-infested waters, vessel detection, and ship traffic.

### Guest Editors

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### Deadline for manuscript submissions

30 September 2025



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.0

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## About the Journal

### Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
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