

## Special Issue

# Remote Sensing Applications in Marine Environmental Monitoring

### Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Detection and biogeophysical property determination of marine litters and floating materials (such as sea ice, algal blooms, and spilled oil), through the use of remote sensing methods;
- PolSAR and InSAR methods for maritime surveillance, ocean waves, and sea state measurement;
- Remote sensing of the ocean water color;
- Maritime surveillance case studies such as oil-spill monitoring, navigation in sea-ice-infested waters, ship detection, and ship traffic;
- Mapping of the marine environment, including high-resolution wind fields, coastal wave fields, shoreline changes, upwelling phenomena, roll vortices, currents, fronts, gravity waves, internal waves, rain cells, salinity, and shallow-water bathymetry;
- Innovative SAR concepts for optimal sensing of the marine environment;
- Remote sensing concepts and advanced sensors for the marine/ocean environment.

We look forward to receiving your contributions.

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### Guest Editors

Dr. Virginia Zamparelli

Dr. Simona Verde

Dr. Pietro Mastro

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### Deadline for manuscript submissions

closed (30 September 2024)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/si/193779](https://mdpi.com/si/193779)

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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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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
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the first half of 2025).