

Special Issue

Novel Technologies and Solutions for Coastal Evolution and Management

Message from the Guest Editors

In recent years, several novel technologies have emerged whose roles can be crucial to better understand the processes acting on coastal areas. These include pervasive monitoring systems based on the Internet of Things paradigm as well as remote sensing techniques exploiting drones, and Surface and Underwater vehicles. All these technologies are leading to a more accurate definition of coastal processes. The purpose of the Special Issue is to publish the most interesting and innovative research about the proposed subjects, providing short turn-around time regarding reviewing and publishing. High-quality papers related to one of the following topics will be taken into consideration for publication.

- Coastal zone management
- Sediment transport
- Nearshore processes
- Effects of coastal protection structures
- Case studies about best practice implementation
- Remote sensing for coastal areas
- Internet of Things architectures for coastal areas
- Drones and vehicles for coastal monitoring
- Sediment tracing techniques and technologies
- Data analysis tools for coast management

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Deadline for manuscript submissions

closed (10 April 2022)



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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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Journal Rank:

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).