

# Special Issue

## Recent Developments in Coastal Transport and Mixing Processes

### Message from the Guest Editors

Coastal transport and turbulent mixing play a critical role in modulating ecologically important biogeochemical processes (e.g., nutrient cycles, gas exchange and primary production), and understanding the hydrodynamic characteristics of energetic coastal systems is vital for both model development and coastal management. The purpose of this Special Issue is to publish novel research on these subjects, providing rapid turn-around times for the accelerated dissemination of research to a broad audience of scientists, teachers, and engineers. We encourage high-quality submissions that cover all topics in coastal transport and mixing in large lakes, oceans, and estuaries, including observational techniques, case studies, process descriptions, biophysical interactions, sediment transport, advances in modelling, and changes associated with climate warming, among others.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 May 2024)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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### Author Benefits

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indexed with Scopus, SCIE (Web of Science), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

#### 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).