

## Special Issue

# Advances in the Study of Coastal Processes and Wave Hydrodynamics across Multiple Scales

### Message from the Guest Editors

Wave hydrodynamics range from short-wave propagation, wave run-up and swash, short-long wave interaction, non-linear wave dynamics, and wave-current interactions, amongst others. The effect of these actions on sedimentary bottoms (mud, sand, and gravel), or at soft-rock coastal formations, govern sediment transport and coastal morphological changes. This Special Issue is aimed at collecting and publishing the most recent advances in coastal processes and wave hydrodynamics. We welcome contributions from novel observational and experimental technologies, single and across-scale numerical modeling, theoretical developments, cross-shore and alongshore wave-current-sediment-morphology interactions and new datasets on wave hydrodynamics and coastal process experiments.

### Guest Editors

Dr. Márcia Lima

Dr. Francisco Sancho

Dr. Alec Torres-Freyermuth

### Deadline for manuscript submissions

10 March 2026



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/si/182470](https://mdpi.com/si/182470)

*Journal of Marine Science and Engineering*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jmse@mdpi.com](mailto:jmse@mdpi.com)

[mdpi.com/journal/jmse](https://mdpi.com/journal/jmse)





# Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/journal/  
jmse](https://mdpi.com/journal/jmse)



## 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.

---

### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
School of Engineering, The UWA Oceans Institute, The University of  
Western Australia, Perth, WA 6009, Australia

---

### Author Benefits

#### High Visibility:

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 15.6 days after  
submission; acceptance to publication is undertaken in 1.9  
days (median values for papers published in this journal in  
the first half of 2025).