

Special Issue

Frontiers in Hydrodynamics and Morphodynamics for Coastal Hazard Evaluation

Message from the Guest Editors

Coastal mitigation and protection actions require the development of innovative technologies and methods for the evaluation of changes taking place along the coast that could be helpful for hazard assessment (e.g., see the EU Blue Growth strategy). This Special Issue welcomes original research and review articles aimed at providing a contribution to the definition of innovative methods and technologies for investigating coastal morphodynamic processes and hydrodynamics, particularly related to the evaluation of beach resistance to flood and erosion hazard, and potentially including the effects of climate change. Contributions should focus on methods and challenges in physical and/or numerical modelling and field observations.

Guest Editors

Dr. Alessandra Saponieri

Dr. Nico Valentini

Dr. Daniela Malcangio

Dr. Antonio Francone

Deadline for manuscript submissions

closed (20 August 2022)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/107568

*Journal of Marine Science and
Engineering*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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

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

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 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).