# Special Issue

## Marine Geohazards and Seabed Stability

### Message from the Guest Editors

With the rapid expansion of offshore energy, submarine infrastructure, deep-sea resource development, and coastal engineering, marine geohazards and seabed stability have become increasingly important for ocean safety and sustainable development. Submarine landslides, seabed liquefaction, shallow gas, active faults, scour, erosion, and sediment instability may pose risks to pipelines, foundations, cables, offshore platforms, and coastal communities. These hazards are controlled by interactions among geological conditions, sediment properties, hydrodynamic processes, geotechnical behaviour, and seismic loading. Advances in seabed observation, geophysical imaging, marine geotechnical testing, numerical modelling, and data-driven analysis provide new opportunities to understand, predict, and mitigate these risks. This Special Issue aims to present recent advances related to marine geohazards and seabed stability. Contributions addressing geological, geotechnical, geophysical, hydrodynamic, and seismic aspects of seabed instability are welcome.

### Guest Editors

Prof. Dr. Xiaolei Liu
Prof. Dr. Dong-Sheng Jeng
Dr. Hong Zhang

### Deadline for manuscript submissions

10 November 2026

**Journal of Marine Science and Engineering**

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.6

mdpi.com/si/282069

*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

# Journal of Marine Science and Engineering

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.6

mdpi.com/journal/jmse

MDPI

# 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 - Q1 (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).