

## Special Issue

# Risk Assessment and Safety of Ships and Offshore Structures

### Message from the Guest Editors

We are writing to invite you to submit papers on the safety of marine structures with an emphasis on quantitative methods. The increasing development of commercial and energy-related activities in the ocean space demands the establishment of robust risk and safety assessments in order to manage the expected impacts. The scope of this Special Issue includes (but is not limited to) the following topics:

- Quantitative and qualitative risk assessment studies;
- Design and operational risk assessment;
- Risk-based decision making;
- Regulatory framework;
- Environmental risk assessment;
- Case studies on the safety of marine structures;
- Safety and reliability;
- Structural and fluid–structure interaction simulations;
- Material degradation;
- Ultimate and accidental limit state design;
- Stochastic analysis of structure;
- Fatigue analysis of marine structures;
- Reliability-based maintenance and optimisation.

We look forward to receiving high-quality submissions from researchers and industry practitioners, and making this Special Issue a success.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2024)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.0



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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

#### 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).