

# Special Issue

## Design and Analysis of Offshore Structures II

### Message from the Guest Editors

This Special Issue covers research topics related to the design and analysis of offshore structures. All theoretical, analytical, numerical, and experimental research, as well as review papers and case studies of engineering applications for offshore structures, are warmly invited. Various offshore structures can be included, such as fixed, floating, movable, jack-up, and hybrid. This Special Issue aims at gathering the most promising research in this area. A rapid reviewing process and open-access publication will be provided for high-quality papers on the following topics:

- Hydrodynamic analysis of offshore structures;
- Structural design and analysis of offshore structures;
- Mooring system analysis;
- Local strength analysis of welded joint
- Hydroelastic analysis of very large floating structures;
- Structural health monitoring of offshore structures;
- Reliability-based structural design and analysis;
- Fluid–structure interactions;
- Structure–soil interactions;
- Transportation and installation analysis of offshore structures;
- Fire and explosion analysis of offshore structures;
- Fatigue and fracture analysis of offshore structures.

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### Guest Editors

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### Deadline for manuscript submissions

closed (5 August 2023)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.0



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*Journal of Marine Science and Engineering*

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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.

### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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#### 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).