

## Special Issue

# Analysis of Strength, Fatigue, and Vibration in Marine Structures

### Message from the Guest Editors

We propose a Special Issue (SI) that covers a wide range of topics related to the static and dynamic analyses of various marine structures. This includes ships, both floating and fixed offshore structures, submarines, fish farms, and renewable energy devices. We invite submissions that include analytical, numerical, and experimental studies, as well as reviews of the current state of the art and benchmark studies focused on strength, fatigue, vibration, and noise prediction analyses. Contributions that showcase advanced applications of structural analysis in the design, maintenance, repair, lifetime extension, and requalification of marine structures are especially encouraged. Additionally, submissions involving multi-physics and multi-scale simulations, such as thermo-mechanical, hydro-elastic, and fracture mechanics analyses, are highly suitable for this collection. We will ensure a rapid review process and provide open-access publication for high-quality papers submitted to this special issue.

### Guest Editors

Prof. Dr. Joško Parunov

Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Zagreb, Croatia

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### Deadline for manuscript submissions

30 September 2026



## Journal of Marine Science and Engineering

an Open Access Journal  
by MDPI

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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

School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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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).