

## Special Issue

# Modeling and Simulation of Moored Floating Structures

### Message from the Guest Editors

Moored floating structures are widely applied in offshore engineering for various purposes, including offshore oil and gas production, ocean renewable energy and aquaculture. Moored floating structures are well suited for non-shallow waters, allowing for installation in more remote and deeper waters far away from land, enabling new offshore opportunities to be realized. Therefore, recent advancements and utilizations of the technology have led to more installations in far deeper and harsher environments. Modelling and simulation are essential tools for adequately understanding the dynamic, nonlinear and stochastic load effects experienced by structures in the offshore environment. This is crucial for the effective and sustainable design, operation and maintenance of moored floating structures. In this context, this Special Issue invites original scientific contributions and review articles on the broad aspects of the modelling and simulation of moored floating structures for all uses.

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### Guest Editors

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### Deadline for manuscript submissions

closed (5 February 2023)



## 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.

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### Editor-in-Chief

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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).