

## Special Issue

# Mooring Systems for Offshore Structures and Devices

### Message from the Guest Editors

There is a variety of offshore structures, of renewable energy devices and aquaculture installations that require mooring systems to be kept in position. The mooring system is a critical component of a floating production platform, and its integrity over the field life is of great importance. The present Special Issue of the Journal of Marine Science and Engineering will be dedicated to innovative mooring concepts, computational methods, high-fidelity numerical models, and experimental analysis as a support of the development of mooring systems. Thus, we encourage the submission of high-quality papers in the following areas: Innovative mooring design and analysis; Numerical simulations for mooring dynamics; Computational fluid mechanics for mooring systems; Model tests of moorings with floating bodies; Mechanical properties of mooring ropes; Mooring reliability analysis; Short-term and long-term extreme response of mooring systems; Dynamics of moored floating structures; Mooring design and dynamics of offshore aquaculture systems.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2021)



## 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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#### 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).