

Special Issue

Mooring of Floating Offshore Structures

Message from the Guest Editors

Over the past several decades, there has been a continuous stream of innovations in ocean-based structures and systems applied not only in the oil and gas area, but also more recently in the floating offshore wind energy, wave energy, and seafloor mineral harvesting sectors. Furthermore, owing to the scarcity of land, very large floating structures are now being designed to cater to an increasing population in coastal areas. All of these structures must maintain station; that is, their mooring systems must withstand the forces of the ocean over long asset lives in the corrosive sea-air interface, while operating under various environmental conditions. It is equally important to understand overall construction processes, while considering environmental issues and regulatory frameworks. In addition, significant cost reductions are required in order for floating structures to become competitive, and one key area that has the potential for cost reduction is the mooring system. This Special Issue aims to provide a forum supporting the development of innovative and effective moorings of floating offshore structures.

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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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