

Special Issue

Monitoring and Evaluation of Marine Engineering Equipment and Structures

Message from the Guest Editors

Over the past few decades, structural health monitoring has seen significant development, benefiting from advancements in various technologies. Marine engineering structures, such as offshore oil rigs, wind turbines, and pipelines, play a crucial role in global energy production and transportation. Operating in harsh marine environments, these structures are susceptible to damage and degradation due to factors like corrosion and dynamic loads. Ensuring their structural integrity is paramount to prevent catastrophic failures, environmental disasters, and economic losses. In this context, intelligent monitoring and evaluation technologies have emerged. This Special Issue is dedicated to showcasing the latest developments in the monitoring, analysis, and maintenance of marine engineering structures. Through the integration of sensing technologies, artificial intelligence, and big data analytics, it aims to address current challenges and promote technological innovation and development in this critical field.

Guest Editors

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Deadline for manuscript submissions

10 November 2025



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/208848

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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Editor-in-Chief

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