

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

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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

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