

## Special Issue

# Trends and Prospects in Maritime Intelligent Transport Systems

### Message from the Guest Editors

The maritime industry is currently undergoing significant transformation. This calls for further exploration of established practices. One of the most prominent trends is Maritime Intelligent Transport Systems (MITSS), which leverage cutting-edge technologies. These include employing artificial intelligence, big data analytics, and the Internet of Things (IoT) to enhance and optimize maritime operations. These initiatives and measures can potentially increase operational safety and efficiency, as well as improve environmental sustainability. However, they also present challenges, which need to be addressed. In this Special Issue, we hope to investigate pertinent advancements such as autonomous vessels and technologies, smart ports and logistics, artificial intelligence applications, IoT-enabled systems, intelligent ocean engineering technologies, interdisciplinary applications (e.g., acoustics and optics) in the maritime and ocean engineering fields, and predictive analytics tools that support real-time decision-making, as well as other interesting methods and tools for enhancing maritime operations.

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### Deadline for manuscript submissions

closed (1 July 2025)



## Journal of Marine Science and Engineering

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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.

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### Editor-in-Chief

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