

Special Issue

Intelligent Solutions for Marine Operations

Message from the Guest Editors

The maritime industry is currently undergoing a digital transformation that is revolutionising marine operations by introducing intelligent solutions powered by cutting-edge technologies. These technologies are driving the integration of the Internet of Ships and digital engineering, including digital twins, Artificial Intelligence (AI), big data, and cloud computing, into the maritime environment to enhance efficiency and innovation in marine operations. This Special Issue aims to explore original research on the development and application of intelligent solutions for maritime operations, introducing novel contributions in areas such as predictive maintenance, cyber-physical systems, autonomous and unmanned marine systems, AI-accelerated computational fluid dynamics, and green maritime technologies. Authors are invited to submit original research and development work that advances intelligent solutions for marine operations.

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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

Prof. Dr. Charitha Pattiaratchi
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