

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.

Guest Editors

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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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