

Special Issue

Sustainable and Efficient Maritime Operations

Message from the Guest Editors

The maritime industry serves as a vital pillar of the global economy, facilitating the seamless movement of goods, energy resources, and raw materials across international borders. In recent years, as the maritime industry continues to expand, it has encountered increasingly complex challenges in balancing economic growth with environmental sustainability and operational efficiency. Thus, it has started to explore innovative strategies, technologies, and practices that support sustainable and efficient maritime operations. This Special Issue invites Authors to submit high-quality original empirical, quantitative, or conceptual research papers. Suggested topics of interest include but are not limited to the following: (1) Data-driven optimization for operational management in shipping; (2) Internet of Things (IoT) technologies and applications; (3) Autonomous ships—technologies and applications; (4) Risk management and resilience in maritime operations; (5) Digitalization and smart shipping solutions for operational efficiency; (6) Human–AI interface and AI ergonomics in shipping; (7) Green shipping technologies and alternative fuels.

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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.

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