

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.

Guest Editors

Prof. Dr. Jiaguo Liu

School of Maritime Economics and Management, Dalian Maritime University, Dalian 116026, China

Dr. Jun Ye

College of Business Administration, Ningbo University of Finance & Economics, Ningbo 315175, China

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Journal of Marine Science and Engineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

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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
School of Engineering, The UWA Oceans Institute, The University of
Western Australia, Perth, WA 6009, Australia

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