

Special Issue

Sustainable Maritime Transport and Port Intelligence

Message from the Guest Editors

Currently, global maritime trade is navigating a complex and dynamic macroenvironment. Geopolitical tensions, conflicts, and climate change increasingly impact vital shipping lanes, such as the Suez Canal, Panama Canal, and Red Sea. These factors lead to maritime challenges, including extended routes and rising costs.

Furthermore, over 80% of global trade relies on maritime transport, with the volume of seaborne trade being on the rise. The United Nations Conference on Trade and Development's Maritime Transport Review indicates that global seaborne trade is projected to grow by 2.4% to 12.3 billion tons in 2023, with an expected growth of 2% in 2024. In this context, sustainable maritime transport and port intelligence have become essential for promoting the green transformation of the marine economy. This Special Issue aims to explore how technological innovation can enhance the efficiency of maritime operations, reduce environmental impacts, and foster smarter and more sustainable port management. We invite scholars worldwide to share their research findings and contribute valuable insights for the sustainable development of the global shipping and port industries.

Guest Editors

Prof. Dr. Chao Mi

College of Logistics Engineering, Shanghai Maritime University,
Shanghai 201306, China

Prof. Dr. Guanganian Xiao

School of Economics and Management, Shanghai Maritime University,
Shanghai 201306, China

Deadline for manuscript submissions

5 October 2025



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/223383

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

mdpi.com/journal/

jmse





Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



[mdpi.com/journal/
jmse](https://mdpi.com/journal/jmse)



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

Author Benefits

High Visibility:

indexed with Scopus, SCIE (Web of Science), Ei
Compendex, GeoRef, Inspec, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean
Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 15.6 days after
submission; acceptance to publication is undertaken in 1.9
days (median values for papers published in this journal in
the first half of 2025).