

Special Issue

Green Energy with Advanced Propulsion Systems for Net-Zero Shipping

Message from the Guest Editors

This Special Issue aims to gather high-quality review articles focused on advanced propulsion systems and green energy research for maritime decarbonization. Its objective is to provide readers with a comprehensive platform to access diverse topics related to achieving net-zero in the shipping sector, while sharing novel methodologies, valuable insights, and perspectives on the future of shipping. The scope of this Special Issue extends beyond propulsion systems and alternative fuels to include broader themes: contributions may address regulatory frameworks for green fuels (and their associated economic/technical implications), as well as the environmental impacts and risk factors of applying new fuels and technologies. By embracing this technological diversity, the Special Issue intends to explore multiple dimensions of shipping's path to net-zero. We warmly welcome manuscripts that contribute to this effort.

Guest Editors

Dr. Chybyung Park

Division of Marine System Engineering, Korea Maritime and Ocean University, Busan, Republic of Korea

Dr. Hayoung Jang

Department of Naval Architecture, Ocean and Marine Engineering, University of Strathclyde, Glasgow G4 0LZ, UK

Deadline for manuscript submissions

25 March 2026



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/255548

*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](https://mdpi.com/journal/)





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).