

Special Issue

Advances in Marine Electric Propulsion: Technologies, Systems Integration and Sustainable Maritime Transportation

Message from the Guest Editor

The goal of this Special Issue is to highlight state-of-the-art studies on systems integration methodologies, marine electric propulsion technologies, and their application in sustainable maritime transportation. Topics of interest include: electric motors, power electronics systems, energy storage systems, hybrid propulsion architectures, power management techniques, fuel cells, and electric autonomous vessel systems. We welcome original research articles, comprehensive reviews, and case studies that advance knowledge in these areas. Contributions addressing innovative strategies for energy efficiency, the integration of renewable energy, AI-driven optimization, and practical implementation issues in marine contexts will be given special consideration.

Guest Editor

Prof. Dr. Mohamad Issa
Department of Applied Sciences, Maritime Institute of Quebec,
Rimouski, QC, Canada

Deadline for manuscript submissions

closed (25 February 2026)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/252591

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/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

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

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 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).