

Special Issue

Energy Optimization of Ship and Maritime Structures

Message from the Guest Editor

Energy is a key issue in maritime transport and the different maritime structures. The main targets are minimizing energy consumption, obtaining clean energy and managing the available energy in an efficient way. This Special Issue is intended to collect studies aimed at improving these areas from a broad perspective. New approaches in the field of energy generation and efficient management will be well received. Aspects such as new designs and optimization of energy-generation maritime structures, improvements in maintenance in order to run more efficient ships and maritime structures, artificial intelligence techniques applied to different installations of the ship achieving an efficient energy management, new propulsion systems in the ships or new schemes of control to improve energy generation maritime structures are also welcome. New proposals and cases studies related to the aforementioned aspects are encouraged for publication.

Guest Editor

Prof. Dr. Graciliano Nicolás Marichal
INGEMAR Group, University of La Laguna, 38001 Tenerife, Spain

Deadline for manuscript submissions

closed (20 October 2023)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/111500

*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).