

Special Issue

Design and Analysis of New and Retrofitted Eco-Friendly Ships and Offshore Structures

Message from the Guest Editors

This Special Issue (SI) continues the previously completed SI “Design, Analysis and Maintenance of Green Innovative Marine Structures”. The scope of this new SI has been slightly adjusted to better fit modern marine industry trends in the era of climate change. In addition to the common topics related to marine structures, this SI will address the critical issues related to energy efficiency and zero pollution of newly designed and retrofitted ships and offshore structures. Although all types of ships and offshore structures are covered, studies dealing with autonomous ships, those with lightweight fibre-reinforced materials, new propulsion systems, and offshore renewable energy devices are particularly welcome. Improved numerical methods and original experimental studies on conventional and innovative marine vehicles are warmly invited for submission to this SI. Besides original research, authors are encouraged to submit case studies and review papers. A rapid review process and open access publication will be provided for all high-quality papers submitted to this SI.

Guest Editors

Prof. Dr. Yordan Garbatov

Centre for Marine Technology and Ocean Engineering (CENTEC),
Instituto Superior Técnico, Universidade de Lisboa, 1049-001 Lisboa,
Portugal

Prof. Dr. Joško Parunov

Faculty of Mechanical Engineering and Naval Architecture, University of
Zagreb, Zagreb, Croatia

Deadline for manuscript submissions

20 August 2025



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/184583

*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).