

Special Issue

Marine and Mechanical Engineering in Paradigm

Message from the Guest Editor

This Special Issue will be focused on the newest technologies developed for improved combustion as well as for emission mitigation, namely advanced marine combustion engine technologies based on application of alternative fuels. The main purpose of this Special Issue is to offer a wide area for publishing scientific research results concerning:

- Research and development of piston combustion engines with application of biofuels;
- Development of advanced marine systems determined for the reduction in engine gaseous emissions;
- Simulation approaches to the abovementioned issues in order to investigate and to optimize engine combustion processes and operation of alternative drives;
- Environmental aspects of marine combustion engine drives.

Guest Editor

Dr. Michal Puškár

Department of Design and Transport Engineering, Faculty of Mechanical Engineering, Technical University of Košice, Letná 1/9, 040 01 Košice, Slovakia

Deadline for manuscript submissions

closed (15 May 2023)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/143590

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).