

Special Issue

Marine Autonomous Vehicles: Design, Test and Operation— Second Edition

Message from the Guest Editors

The arrival of the Ocean Century has been stimulated by various needs, such as marine resources, seabed topography, marine environment, and marine rights, and marine observation and exploration technology has significantly developed, especially the technology of marine autonomous vehicles.

This Special Issue welcomes contributions from experts and scholars in the field of marine autonomous vehicles design, test, and operation, including, but not limited to, the following main aspects:

- (1) The design, test, and operation of marine autonomous vehicles;
- (2) Unit technologies supporting the marine autonomous vehicles' design, testing, and operation;
- (3) The design, test, and operation of ocean sensing technology and their applications;
- (4) Marine autonomous vehicles cluster/networking technology;
- (5) Theory, methods, technologies, and applications of ocean big data processing and machine learning.

Guest Editors

Prof. Dr. Yanhui Wang

School of Mechanical Engineering, Tianjin University, Tianjin, China

Prof. Dr. Shaoqiong Yang

School of Mechanical Engineering, Tianjin University, Tianjin, China

Deadline for manuscript submissions

closed (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/199775

*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).