

## 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.

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### Guest Editors

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### Deadline for manuscript submissions

20 August 2025



## Journal of Marine Science and Engineering

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## 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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
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