



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

Guest Editors:

**Prof. Dr. Yanhui Wang**

Professor, School of Mechanical Engineering, Tianjin University, Tianjin, China

**Dr. Shaoqiong Yang**

Associate Professor, School of Mechanical Engineering, Tianjin University, Tianjin, China

Deadline for manuscript submissions:

**closed (1 August 2024)**

### 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.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Charitha Pattiaratchi**  
Oceans Graduate School and The  
UWA Oceans Institute, The  
University of Western Australia,  
Perth, WA 6009, Australia

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (*Civil and Structural Engineering*)

## Contact Us

---

*Journal of Marine Science and  
Engineering* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/jmse  
jmse@mdpi.com  
X@JMSE\_MDPI