

Special Issue

Unmanned Marine Vehicles: Perception, Planning, Control and Swarm—2nd Edition

Message from the Guest Editors

The *JMSE* is pleased to announce a Special Issue entitled “Unmanned Marine Vehicles: Perception, Planning, Control and Swarm—2nd Edition”, which is based on the great success of our previous Special Issue with the same title. Marine transportation and traffic are pivotal aspects of global connectivity, drawing significant global attention within the research domain. Within this field, unmanned marine vehicles emerge as crucial assets, including ships, boats, underwater vehicles, underwater gliders, etc. These vehicles are often empowered by advancements in navigation, control, and sensing technologies, and have the potential to redefine the possibilities of marine exploration and operations. Authors are invited to contribute research focusing on perception technologies, planning algorithms, control strategies, and sensing approaches tailored for unmanned marine vehicles. Topics of interest include, but are not limited to, the environmental perception of marine vehicles, the autonomous navigation and control of marine vehicles, multi-agent technologies, and efficiency assessment and testing.

Guest Editors

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Prof. Dr. Yan Yan

Dr. Dongdong Mu

Deadline for manuscript submissions

closed (5 June 2025)



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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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
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