

Special Issue

Intelligent Marine Robotics Modelling, Simulation and Applications

Message from the Guest Editors

Marine robots are commonly used to carry out several tasks in deeper and riskier areas where divers are not possible. However, there are numbers of challenges in operating them precisely; unpredictable disturbances during actual operation and uncertain dynamic model for designing a typical guidance, navigation, and control system. To circumvent these challenges, the robots have to be intelligent in the sense of having conscious thought to allow them to make decisions that impact their performance and actions. The aim of the Special Issue should contain recent findings in the field of intelligent robots. Relevant technologies enhancing prototyping, simulation, dexterity, and user experience are also desired. Researchers involved in the marine robotics should find this particular issue extraordinary and provide the latest perspectives on the state-of-the-art. Topics of interest include (but are not limited to) the following areas:

- Image-based and signal-based processing
- Fault identification and detection
- Signal processing and pattern recognition
- Communication systems
- Human-robot interaction
- Multi-sensor fusion for control/feedback

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Deadline for manuscript submissions

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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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