

Special Issue

Advances in Underwater Robots for Intervention

Message from the Guest Editors

Nowadays, a relevant number of field operations in applications such as marine rescue, marine science, and offshore industries have been carried out through underwater robot manipulation. In such scenarios, most of the operation tasks are undertaken through remotely operated vehicle (ROV) or autonomous underwater vehicle (AUV) manipulations. Working-class ROV manipulations are useful for deep and heavy operations, while AUV manipulations can be realized without mothership intervention and thus help to reduce the mission cost. Currently, the challenges of underwater robot manipulations include complicated underwater vehicle manipulator mechanics, dynamics and hydrodynamics modeling on underwater robot manipulators, autonomous robot manipulation planning, and sensing-based manipulation control. This Special Issue is dedicated to recent advances in Underwater Robots and Manipulators.

Guest Editors

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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.

Editor-in-Chief

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