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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Message from the Editor-in-Chief

Journal of Marine Science and Engineering (*JMSE*, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

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