

Special Issue

Application of Autonomous Robotic Platforms in Aquatic Environmental Observation

Message from the Guest Editors

Aquatic environmental observation is a broad topic that becomes crucial when considering particularly critical environments. In these specific applications, the lack of data is very often a penalizing factor for understanding the phenomena that are occurring and for the conservation of the ecosystems that characterize them. Although autonomous platforms already provide key observations for environmental assessment, further advances in autonomous systems are required to meet the growing ocean observation needs in different scientific fields such as biology, biogeochemistry, seabed mapping, deep ocean. The use of robotic systems as fundamental data-gathering tools allows new perspectives and a greater understanding of the planet and its processes while also taking advantage of the possibility to characterize the environment with spatial and temporal resolutions that are not otherwise obtainable.

The aim of this Special Issue of JMSE is to welcome papers that address the most recent and innovative applications of autonomous robotic platforms to enhance the observation and monitoring of the aquatic environment.

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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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