

Special Issue

New Technologies in Autonomous Underwater Vehicles

Message from the Guest Editor

Autonomous underwater vehicles (AUVs) have, in the last decades become the standard tool for many maritime applications. They are a safe, cost-effective and reliable alternative to many manned or remotely controlled systems. Typical applications have been seafloor mapping, pipeline inspection and mine counter measures. As the user experience has grown, the demand for improved autonomy, endurance, robustness and sensors has increased rapidly. Lately, there have also been a surge of new applications where AUVs have been used, such as under ice operations, search for sunken debris, sea wreck inspection and submarine surveillance. To reach the AUVs potential for operating fully autonomously in extreme environments, while simultaneously collecting data with unprecedented resolution and quality, there is a strong demand for further novelty and customization within AUV technology. This special issue aims to publish new research in the field of Autonomous Underwater Vehicles.

Guest Editor

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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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