Special Issue

Underwater Acoustic Communication and Marine Robot Networks

Message from the Guest Editors

We announce the third instalment of the Special Issue series on “Underwater Acoustic Communication and Networks”. In the first two instalments, 17 high-quality papers were accepted and published. Given recent developments and the rapidly growing interest in marine robotic networks, the third Special Issue in the series has been titled "Underwater Acoustic Communication and Marine Robot Networks". Marine robots are increasingly being used to carry out varied activities on the sea surface and underwater, such as seabed surveys, water column assessments, offshore infrastructure inspection, marine habitat monitoring, etc. Underwater acoustic communication systems are integral to the operation of marine robot networks. Therefore, seamless operation between acoustic communication systems and marine robots is required. High-quality papers are encouraged, particularly those directly related to the topics mentioned below:

- Marine robotic systems and networks;
- Autonomous navigation systems;
- Underwater acoustic communication and networks;
- Deep learning-driven underwater acoustic communication;
- Machine learning and artificial intelligence.

Guest Editors

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Deadline for manuscript submissions

1 February 2026

Journal of Marine Science and Engineering

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.0

mdpi.com/si/225091

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).