

Special Issue

Design and Application of Underwater Robots for Navigation and Manipulation

Message from the Guest Editor

We are pleased to announce a call for papers for a Special Issue, focusing on the innovative field of “Design and Application of Underwater Robotics for Navigation and Manipulation Tasks”. This Special Issue aims to bring together pioneering research, case studies, and reviews that address the latest developments, challenges, and future directions in underwater robotics. In detail, we welcome contributions that explore a wide range of topics, including but not limited to: -

- Autonomous navigation and control systems;
- Advanced sensing and perception technologies;
- Manipulation techniques;
- AI and machine learning applications in underwater robotics;
- Energy-efficient propulsion and power management;
- Swarm robotics and multi-robot cooperation;
- Material science and design for underwater endurance;
- Environmental impact and sustainability.

Guest Editor

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Deadline for manuscript submissions

5 September 2025



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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

Prof. Dr. Charitha Pattiaratchi
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Western Australia, Perth, WA 6009, Australia

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Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean
Engineering)

Rapid Publication:

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
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the first half of 2025).