

Special Issue

Applications of Underwater Acoustics in Ocean Engineering

Message from the Guest Editor

With the interdisciplinary integration of materials, machinery, mechanics, optics, and other disciplines, the application of acoustics in marine engineering fields, such as underwater communication, positioning, detection, and rescue, is becoming more widespread. Additionally, with the development of unmanned underwater platforms, higher requirements have been put forward for underwater acoustic technology, providing a stage for the display and application of these new technologies. This Special Issue focuses on the latest developments in advanced acoustic technology that can be used in ocean engineering. It also provides a platform for interdisciplinary communication and integration. Topics of interest include, but are not limited to: Underwater acoustic communication; Underwater acoustic positioning; Underwater target detection; Acoustic remote sensing; Ultrasonic flaw detection; Underwater acoustic array.

Guest Editor

Dr. Bin Wang

School of Naval Architecture, Ocean and Civil Engineering, Shanghai Jiao Tong University, Shanghai, China

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Journal of Marine Science and Engineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

mdpi.com/journal/jmse





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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

School of Engineering and The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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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).