

Special Issue

Direct and Inverse Problems of Sound Scattering and Propagation in Underwater Acoustics

Message from the Guest Editors

This Special Issue aims to collect papers in the field of underwater acoustics that are presented at the Underwater Acoustics Conference and Exhibition 2023 (Kalamata, Greece). However, other authors working in this field are also welcome to submit their research. We particularly encourage submissions relating to theoretical and computational aspects of underwater acoustics in a very broad sense, including (but not limited to) mathematical approaches to underwater sound propagation, theoretical analysis of various physical phenomena (including 3D effects), as well as various techniques and approaches to the solution of inverse problems (e.g., geoacoustic inversion, ranging, and tomography methods). As , we are committed to the fast-track peer-review of high-quality papers reporting new achievements in underwater acoustics and to arranging a collection of research items covering various aspects of the field of research.

Guest Editors

Dr. Pavel Petrov

Prof. Dr. Boris Katsnelson

Prof. Dr. Zhenglin Li

Deadline for manuscript submissions

closed (28 February 2024)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/159455

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





Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



[mdpi.com/journal/
jmse](https://mdpi.com/journal/jmse)



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

Author Benefits

High Visibility:

indexed with Scopus, SCIE (Web of Science), Ei
Compendex, GeoRef, Inspec, AGRIS, and other databases.

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
days (median values for papers published in this journal in
the first half of 2025).