

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)



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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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