



## Advanced Research in Marine Environmental and Fisheries Acoustics

Guest Editors:

**Dr. Shima Abadi**

School of Oceanography,  
University of Washington, Seattle,  
WA, USA

**Dr. Kyoungsoon Lee**

Division of Marine Production  
System Management, Pukyong  
National University, Busan 48513,  
Republic of Korea

**Dr. Dezhong Chu**

Former Affiliation, NOAA  
Northwest Fisheries Science  
Center, Seattle, WA, USA

Deadline for manuscript  
submissions:

**20 February 2025**

### Message from the Guest Editors

Dear Colleagues,

Understanding the underwater acoustic environment is crucial for assessing the impact of anthropogenic noise, studying marine biodiversity, and monitoring marine ecosystems. This Special Issue aims to showcase cutting-edge research in marine environmental acoustics, encompassing diverse topics such as the impact of anthropogenic noise on marine life, innovative acoustic monitoring techniques, and the role of acoustics in understanding oceanic processes and ecosystem dynamics. Building upon a rich history of acoustic exploration, this Special Issue highlights the evolution of marine environmental acoustics, tracing its roots from pioneering studies in marine mammal communication to contemporary advancements in underwater acoustic technology and its applications in marine conservation and resource management.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Charitha Pattiaratchi**  
Oceans Graduate School and The  
UWA Oceans Institute, The  
University of Western Australia,  
Perth, WA 6009, Australia

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (*Civil and Structural Engineering*)

## Contact Us

---

*Journal of Marine Science and  
Engineering* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/jmse  
jmse@mdpi.com  
X@JMSE\_MDPI