

## Special Issue

# Assessing the Pressure of Underwater Anthropogenic Noise from Impulsive and Continuous Sound Sources

### Message from the Guest Editors

Anthropogenic noise is one of the main marine pollution factors that negatively affect marine life (mammals, fish, invertebrates, reptiles, marine birds, etc.). An ever-increasing number of relevant studies support the fact that noise from various anthropogenic sources such as vessels, active sonars, energy and construction infrastructure, seismic surveys, as well as synthetic sounds (artificial tones and white noise) compromise hearing ability and induce physiological and behavioural changes in marine animals. This SI encourages submissions dealing with methodologies for assessing the pressure of anthropogenic noise in the marine environment, addressing numerical and/or experimental studies on underwater noise generation/propagation, and including both impulsive (airguns, sonars, impact pile driving, etc.) and continuous (ship propellers and hulls, offshore structures, etc.) sound sources. The proposed numerical/experimental approaches may focus on proposed methodologies for assessing the noise pressure from different sources in the marine environment; modelling (numerical, analytical, etc.), measurements, or both (the latter are particularly encouraged); and so on.

---

### Guest Editors

Dr. Claudio Testa  
Dr. Aristides Prospathopoulos  
Dr. Luca Greco

---

### Deadline for manuscript submissions

closed (1 June 2023)



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 5.6



[mdpi.com/si/115716](https://mdpi.com/si/115716)

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

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





# Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 5.6



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



## 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

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 (Oceanography) / CiteScore - Q1 (Ocean Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).