

Special Issue

Advances in Ocean Acoustics

Message from the Guest Editors

The field of ocean acoustics has witnessed remarkable advancements in recent years, driven by the growing demand for innovative technologies to explore, monitor, and utilize underwater environments. This Special Issue, titled "Advances in Ocean Acoustics", will showcase cutting-edge research and developments in the science and engineering of underwater acoustic systems. Topics of interest include, but are not limited to, underwater acoustic communication, acoustic positioning and navigation systems, underwater PNT (Positioning, Navigation, and Timing), and acoustic signal processing techniques. Additionally, contributions on autonomous underwater vehicles (AUVs) acoustics, underwater acoustic networks, oceanographic acoustic sensors, acoustic localization methods, and underwater acoustic imaging are highly encouraged. We welcome original research articles, reviews, and case studies that contribute to the state of the art in this dynamic and interdisciplinary field.

Guest Editors

Prof. Dr. Tongwei Zhang

Institute of Marine Science and Technology, Shandong University,
Qingdao 266237, China

Prof. Dr. Huifang Chen

Department of Information & Communication Engineering, College of
Information Science & Electronic Engineering, Zhejiang University,
Yuquan Campus, Hangzhou 310027, China

Deadline for manuscript submissions

30 September 2025



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/229218

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

mdpi.com/journal/

[appls](https://appls@mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)