

# 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.

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### Guest Editors

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### Deadline for manuscript submissions

20 April 2026



## Applied Sciences

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### 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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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