

Special Issue

Recent Advances in Underwater Acoustic Signal Processing

Message from the Guest Editor

Areas relevant to underwater acoustic signal processing and sonar technologies include, but are not limited to, the following:

- Multi-source information fusion technology, Artificial intelligence, machine learning, deep learning in underwater acoustic engineering,
- Novel algorithms and applications of underwater acoustic signal processing, Underwater communication and sensor networks,
- Underwater acoustic database technology,
- Development of underwater detection systems,
- Underwater imaging systems,
- Acoustic transducer technology,
- Multi-source data fusion technology, etc.

Underwater acoustic systems designed for unmanned vehicles and distributed systems are also topics of interest.

Guest Editor

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Deadline for manuscript submissions

closed (30 October 2025)



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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.

Editor-in-Chief

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