



Applications of Underwater Acoustics in Ocean Engineering

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

With the interdisciplinary integration of materials, machinery, mechanics, optics, and other disciplines, the application of acoustics in marine engineering fields, such as underwater communication, positioning, detection, and rescue, is becoming more widespread. Additionally, with the development of unmanned underwater platforms, higher requirements have been put forward for underwater acoustic technology, providing a stage for the display and application of these new technologies. This Special Issue focuses on the latest developments in advanced acoustic technology that can be used in ocean engineering. It also provides a platform for interdisciplinary communication and integration. Topics of interest include, but are not limited to:

- Underwater acoustic communication;
- Underwater acoustic positioning;
- Underwater target detection;
- Acoustic remote sensing;
- Ultrasonic flaw detection;
- Underwater acoustic array.





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Message from the Editor-in-Chief

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