

Special Issue

Underwater Target Detection and Recognition

Message from the Guest Editors

One important purpose of operating sonar systems is to either passively or actively detect signals from targets of interest. Recently, passive target detection has become more difficult owing to a lower level of underwater radiated noise from targets as well as growing ocean ambient noise. Alternatively, an active sonar system can be applied to detect bounce signals returning from the target with a higher signal-to-noise ratio (SNR) by exploiting the information of known transmitted signals at the cost of false alarms by clutters. Many studies have been conducted to advance target detection and recognition in the underwater acoustics community. This Special Issue seeks the submission of studies on advanced underwater signal processing for target detection and recognition, which can overcome the aforementioned problems (or other problems) in passive or active sonar systems.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

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