



Advances in Underwater Acoustic Communication and Ocean Sensor Networks

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Message from the Guest Editors

The vast ocean covers 140 million square miles, some 72 percent of the Earth's surface, and is one of the most valuable natural resources. Ocean exploration is an essential step for sustainable global resource development. There has been an accelerated advancement in communication technologies in recent decades. Underwater acoustic communication (UAC) and Ocean Sensor Networks (OSNs) enable us to interact with underwater information and terrestrial users, being a critical means of ocean exploration. However, a changeable and highly dynamic ocean environment deteriorates the performance of UAC and OSNs. A bottleneck for current underwater technologies is acquiring a robust and anti-interference UAC and OSN to prompt civilized or military underwater applications. To this end, the Special Issue aims to publish the most exciting research on some topics related to advanced UAC and OSN technologies, provide a rapid turn-around time for reviewing and publishing, and freely disseminate the articles for research, teaching, and reference purposes.





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Message from the Editor-in-Chief

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