

Special Issue

Technologies for Underwater Wireless Communication

Message from the Guest Editors

The exploration of the underwater world has always represented a major goal for researchers and scientists. However, more recently, knowledge of and access to this environment have become a necessity in developing communication infrastructures to support civil, commercial, and military activities. Wireless acoustics, magnetic induction, and, more recently, optical communication have represented the research directions of greatest interest. The work carried out in these areas is converging towards the achievement of the so-called Internet of Underwater Things paradigm, in which efficient traffic management will constitute a key challenge. In this regard, machine learning and artificial intelligence are expected to provide crucial support.

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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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