



Underwater Communication and Networking

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Deadline for manuscript submissions:

closed (15 July 2023)

Message from the Guest Editors

Dear Colleagues,

To understand and utilize the ocean, underwater communication and networking techniques are of great importance. Currently, underwater wireless communication techniques can be mainly divided into three categories: underwater acoustic and optical communications, and underwater magnetic induction (MI) communications. They can be used in different applications according to specific requirements. Underwater communication and networking is still a very challenging research field due to the complex and harsh underwater environments. The purpose of this Special Issue is to collect the latest innovative research results in the field of underwater communication and networking, solve technical difficulties, and provide technical support for ocean exploration. The scope of solicitation for this Special Issue includes, but is not limited to, the following research directions:

- Underwater acoustic, optical and magneto communication
- Underwater Channel modeling and prediction
- Underwater localization and tracking
- Heterogeneous network and cross-layer protocol
- Underwater signal processing
- Application of artificial intelligence in underwater communication and networking





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Message from the Editor-in-Chief

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