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Underwater Communication and Networking Systems

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Deadline for manuscript
submissions:

16 August 2024

Message from the Guest Editors

The technology of underwater communications and networking can greatly enhance human's ability to study, monitor, explore, and protect the planet's precious aquatic environment. However, the unique characteristics under the surface of the sea present grand challenges to the development of wireless communication and networking systems.

In this Special Issue, we would like to invite domain experts to share the recent progress and original work in the research and implementation of underwater wireless communication and networking systems. The topics of interests include, but are not limited to, the following:

- Underwater wireless signals;
- Underwater channel modeling, estimation, and characterization;
- Underwater communication physical layer solutions;
- Underwater networking solutions;
- Underwater network and system architecture design;
- Underwater communication traffic engineering;
- Underwater communication supported by emerging IT technologies;
- Underwater cellular communication;
- Underwater robotics;
- Demonstration of experiment results;
- Applications of underwater communication and networking systems.





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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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