

Special Issue

Underwater Sensor Networks (UWSNs)

Message from the Guest Editor

This Special Issue focuses on all aspects related to Underwater Sensor Networks (UWSNs). Works related to different layers of UWSNs are welcome, such as the physical, routing, or MAC layer. Innovative aspects related to UWSNs applications will also be considered. Contributors are advised to submit papers that fit in one or more of the subjects indicated below. However, papers that are not directly related to these areas shall also be considered in cases of particular interest to this Special Issue.

- Underwater sensor networks communication
- UWSNs routing protocols
- UWSNs MAC protocols
- Mobile data gathering using autonomous underwater vehicle (AUV)
- Underwater sensor localization and tracking
- Underwater wireless networks theories, protocol designs and architecture
- Internet of things for UWSNs
- Underwater surveillance and monitoring
- Energy harvesting and management in UWSNs
- Study cases, real deployments of UWSNs
- Security issues for UWSNs
- Operational research in UWSNs
- Reliability and scalability in UWSNs
- Underwater sensor network architectures
- Wired and wireless protocols for UWSNs

Guest Editor

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Deadline for manuscript submissions

closed (20 January 2022)



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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

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