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Underwater Wireless Communications and Networking

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Deadline for manuscript
submissions:

closed (15 January 2022)

Message from the Guest Editors

The purpose of this Special Issue is to solicit original research papers on all aspects of underwater wireless communications and networking, including (but not restricted to):

- Localization
 - communication-based navigation for low-cost AUVs; localization, detection, classification, and tracking; simultaneous localization and mapping; short-data-record under-ranked localization; graph localization
- Physical layer
 - modulation/coding/signal processing/arrays; channel modeling/prediction; autonomous communications (receiver feedback/transmitter adaptivity); secure LPD/LPI communications; full-duplex
- Networking
 - channel sharing under high latency; routing protocols; crosslayer networking, handover, and meshing; application-specific system level optimization; distributed mobile networking
- Wireless Platforms and Applications
 - software-defined acoustic/ultrasonic/optical modems; sensor integration; next generation platforms; arctic, oil and gas/smart aqua/agriculture; testbeds



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Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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