

Special Issue

Marine Wireless Sensor Networks: Applications and New Challenges

Message from the Guest Editors

The development of wireless sensor networks is creating significant impact in different fields, including marine systems, where hardware costs, specific topologies, or energy consumption are especially relevant. Recent advances in sensor networks are increasing their scientific and commercial applications in marine environments. However, ocean exploration and utilization still pose numerous challenges. In this context, efficient, robust, and intelligent sensor networks may be necessary. This Special Issue aims to collect research papers on the development and applications of marine sensor networks, including architecture and topology problems, tracking and localization algorithms, marine vehicles control, and the identification of new challenges.

- marine wireless sensor networks
- underwater sensors
- floating sensors
- marine instrumentation
- underwater communication
- architecture and topology of wireless sensor networks
- target tracking and detection
- control of marine systems
- applications with marine sensor networks
- new challenges of UWSNs

Guest Editors

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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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