Special Issue

Underwater and Underground Sensor Networks: Theory, Technology, and Application

Message from the Guest Editor

This Special Issue seeks to showcase cutting-edge research and comprehensive reviews of the latest advancements in underwater and underground sensor networks. design and performance analysis of underwater and underground communication systems innovations in underwater communications through acoustic, visible light, radio frequency, and magneto-inductive technologies advances in underground communications utilizing radio frequency and magnetic induction exploration and implementation of the Internet of Things (IoT) in underwater and underground settings development of digital twins and the application of virtual reality (VR), augmented reality (AR), and mixed reality (MR) in underwater and underground environments novel applications of sensor networks in underwater and underground contexts application of machine learning and deep learning for signal processing in underwater and underground sensor networks techniques for underwater object detection, target tracking, and multimedia communication wireless communication and networking strategies for autonomous underwater vehicles testbed designs for underwater and underground sensor network experimentation

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2025)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/198304

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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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