

Special Issue

Distributed Sensor Networks: Emerging Technologies, Methods and Applications

Message from the Guest Editors

Distributed sensor networks (DSNs) have become pivotal in enabling intelligent, large-scale monitoring systems across diverse domains, from smart infrastructure to environmental conservation. As these networks evolve, researchers face challenges in optimizing energy consumption, ensuring robust security, managing massive data flows, and achieving seamless scalability. This Special Issue seeks to consolidate cutting-edge advancements and interdisciplinary approaches that address these challenges while unlocking new possibilities for DSN deployment.

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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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