

## Special Issue

# Emerging Advances in Wireless Sensor Networks: Architectures, Intelligence, and Applications

### Message from the Guest Editors

Wireless sensor networks (WSNs) play a crucial role in modern sensing and communication systems, enabling a broad range of applications across the Internet of Things (IoT), smart cities, industrial automation, healthcare, environmental monitoring, and cyber-physical systems. Recent advances in wireless communication protocols, sensing hardware, embedded intelligence, and data-driven techniques are driving rapid transformation in the design, performance, and deployment of WSNs. This Special Issue, "Emerging Advances in Wireless Sensor Networks: Architectures, Intelligence, and Applications", is intended to provide a comprehensive platform for presenting cutting-edge research and innovative developments in WSN technologies. It will focus on innovative network architectures, intelligent and adaptive sensing strategies, energy-efficient and secure communication mechanisms, and the practical applications of WSNs in complex and dynamic environments.

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### Guest Editors

Dr. Sabrina Kheriji  
Prof. Dr. Faouzi Derbel  
Prof. Dr. Olfa Kanoun

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### Deadline for manuscript submissions

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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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