



Advances in Wireless Sensor Networks

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Deadline for manuscript
submissions:

closed (15 June 2024)

Message from the Guest Editors

Dear Colleagues,

The main goal of this Special Issue is to offer researchers the opportunity to spread their research works on advances related to the applications and technologies of wireless sensor networks for several application domains such as: precision agriculture, smart grid, smart cities, Industry 4.0, VANETs, 5G and beyond, fog networks, etc. The Special Issue will highlight the state-of-the-art algorithms, cross-layer optimization techniques, architectures and frameworks for next-generation WSNs, networking devices, IoT, fog, and pervasive computing environments. The contribution topics of primary interest include, but are not limited to, the following:

- Wireless sensor networks and their applications
- Ad hoc and mesh networks
- Wireless traffic and routing
- Wireless multimedia communications
- IoT communication protocols
- Network performance, QoS techniques and reliability
- Energy efficient routing and topology control
- Security issues and algorithms
- Wireless edge computing and communications
- Channel modelling and propagation
- Signal processing algorithms and techniques
- Applications in precision agriculture, smart cities, connected vehicles, drones, etc.





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Message from the Editor-in-Chief

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