



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

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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