

Special Issue

Wireless Sensors Networks in the IoT Era: Advanced Technologies, Recent Challenges, Smart Applications & Future Prospects

Message from the Guest Editors

Wireless sensor networks (WSNs) have attracted research and development interest in different fields. WSNs are one of the key enabling technologies for the Internet of Things (IoT). With the development of IoT, WSNs have drawn more attention in various up-to-date applications. Despite significant developments and efforts in the fields of WSN and IoT technologies, challenges still remain. The main focus of this Special Issue is to bring together researchers to share their high-quality research and outcomes in the context of the challenges, applications, architecture development, technologies, and opportunities for future work with relation of WSNs/IoT. Research areas may include but are not limited to:

- WSNs/IoT architecture design;
- Wireless communication systems—5G Internet and mobile communication networks;
- Compressive sensing;
- Energy-efficient IoT-enabled WSNs architectures;
- Energy harvesting;
- Energy-aware, cluster-based routing protocols and localization;
- Fault-tolerance techniques in WSNs;
- Data analytics in WSNs and IoT;
- Artificial intelligence for WSNs/IoT;
- Cloud computing, fog computing, and edge computing for IoT and WSNs;
- ...

Guest Editors

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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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