

Special Issue

Advanced Wireless Sensor Network Deployment in Smart Cities, Industry 4.0, and Agriculture 4.0 (2nd Edition)

Message from the Guest Editor

Wireless sensor networks (WSNs) are a well-established and sound ICT technology consisting of an arbitrarily large number of low-cost, small, portable, low-consumption, and connected devices that work collaboratively to offer a wide range of pervasive and ubiquitous smart services and innovative applications. The deployment of WSNs has already created new opportunities for the development of smart cities, Industry 4.0, and Agriculture 4.0, among other relevant sectors. In fact, WSN deployment in these environments still has open issues that require attention from the community. The topics of interest include, but are not limited to, the following:

- Internet of Things breakthroughs in smart cities, Industry 4.0, and Agriculture 4.0;
- Low-power wide-area network solutions for smart cities, Industry 4.0, and Agriculture 4.0 applications;
- Mobility management, roaming, and advanced routing techniques for WSNs and low-power wide-area networks;
- Crowdsourcing/crowdsensing in IoT networks;
- Artificial intelligence and machine learning applied to IoT networks;
- Security and privacy issues in IoT networks for smart cities, Industry 4.0, and Agriculture 4.0.

Guest Editor

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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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