

Special Issue

Wireless Sensor Networks Technology and Its Application in Distributed Intelligent System

Message from the Guest Editor

In the era of Artificial Intelligence (AI) and the Internet of things (IoT), wireless sensor networks (WSNs) are essential for improving the quality of life. WSNs generate, collect and exchange huge amounts of data for offering a new paradigm of superior services identified by being available everywhere, at any time, and to anyone. Rapid developments in communication, software, and hardware technologies have facilitated wireless sensors, actuators, and heterogeneous devices connected via wireless communication channels. Nevertheless, WSN systems can act only as ordinary information systems based on predefined rules without distributed intelligence. By contrast, adding AI capabilities to WSNs would allow services to be provided according to users' contexts and in real time. Combining AI with WSNs opens new horizons and unlimited technological potential.

With this aim, this Special Issue invites you to submit a paper that focuses on new approaches in the area of "Wireless Sensor Network Technology and Its Application in Distributed Intelligent Systems".

Guest Editor

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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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