

Special Issue

Recent Trends in Wireless Sensor and Actuator Networks

Message from the Guest Editors

WSANs are considered one of the main building blocks of the Internet of Things (IoT) and Industry 4.0 to create smart environments, cities, healthcare, etc. However, there are several challenges that need to be tackled to effectively deploy WSANs and provide reliable services such as dynamic and intelligent management of sensors and actuators, resource constraint nature of the network nodes, and seamless, robust, and secure communication between devices. This Special Issue aims to bring together scholars to discuss and present their latest research and findings on all aspects of WSANs. Wireless sensor networks (WSNs) comprise a wireless network of tiny devices that are equipped with sensors to monitor physical and environmental conditions. Such devices could interact with different actuators such as servos, motors, and drones and form a wireless sensor and actuator network (WSAN). WSANs could be used to collect information from the region of interest (e.g., environment, building structures, farms, the human body) and autonomously control the required aspects of the target. For more information, please click: mdpi.com/si/96944.

Guest Editors

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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.

Editor-in-Chief

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