

Special Issue

Applications of Wireless Sensor Networks: Innovations and Future Trends

Message from the Guest Editors

Wireless Sensor Networks (WSNs), thanks to the combined utilization of their sensor nodes, have the ability to monitor the ambient conditions in areas of interest of almost any kind and size. For this reason, although initially conceived to be used solely in the military domain, WSNs nowadays not only are the basis of the Internet of Things (IoT), but also support an ever-growing range of applications.

The aim of this Special Issue is to host scientific articles that are associated with the state of the art, standards, experimentations, implementations, new research proposals, and case studies regarding applications of WSNs and relevant scientific innovations and research trends. Potential topics of this Special Issue include, but are not limited to, the following:

- Environmental applications of WSNs
- Applications of WSNs in Industry 4.0
- Urban applications of WSNs
- Applications of WSNs in healthcare
- WSNs for smart cities
- Computational Intelligence for WSNs
- Smart WSNs for IoT
- Energy Sustainability in WSNs

Guest Editors

Prof. Dr. Dionisis Kandris

Dr. Eleftherios Anastasiadis

Dr. Purav Shah

Deadline for manuscript submissions

31 January 2026



Journal of Sensor and Actuator Networks

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 9.4



mdpi.com/si/219141

*Journal of Sensor and Actuator
Networks*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

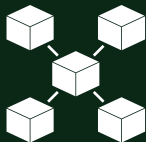
Tel: +41 61 683 77 34

jsan@mdpi.com

mdpi.com/journal/

[jsan](https://jsan.mdpi.com)





Journal of Sensor and Actuator Networks

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 9.4



mdpi.com/journal/

[jsan](https://jsan.mdpi.com/)



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

Editor-in-Chief

Prof. Dr. Lei Shu

1. College of Smart Agriculture (Artificial Intelligence), Nanjing Agricultural University, Nanjing 210031, China

2. School of Engineering, College of Science, University of Lincoln, Lincoln LN6 7TS, UK

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), dblp, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Information Systems) /
CiteScore - Q1 (Control and Optimization)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.6 days after submission; acceptance to publication is undertaken in 5.3 days (median values for papers published in this journal in the first half of 2025).