

## Special Issue

# Wireless Sensor Networks in Industrial/Agricultural Environments

### Message from the Guest Editors

This Special Issue aims to bring together the latest research and innovations in the field of wireless sensor networks and their application in the industrial and agricultural domains and provide a platform for researchers, engineers, and experts to present their findings and insights in this rapidly evolving field. Topics of interest for this Special Issue include, but are not limited to:

- Deployment and optimization of WSNs in industrial and agricultural contexts.
- Energy-efficient sensor node design and communication protocols.
- Data collection, analysis, and visualization techniques for WSNs.
- Security and privacy considerations in WSNs.
- Integration of WSNs with Internet of Things (IoT) technologies.
- Applications of WSNs in precision agriculture, industrial automation, and smart factories.
- Case studies, field trials, and real-world implementations.
- Challenges and future directions in WSN research for industrial and agricultural use cases.

---

### Guest Editors

Dr. Rogério Dionísio  
Dr. Pedro M. B. Torres  
Dr. Carlos Cambra

---

### Deadline for manuscript submissions

closed (31 October 2025)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/188455](https://mdpi.com/si/188455)

*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)





# Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)



## About the Journal

### 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

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di  
Bari, Via Orabona 4, 70126 Bari, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

#### Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)