

## Special Issue

# Sustainable IoT Solutions for Industrial Applications

### Message from the Guest Editors

IoT has shown its potential to improve our societies and industries by enabling smart communication between objects and devices in a cost-effective manner. The IoT is transforming manufacturing, transportation, lamp oil, gas, logistics, and other industrial sectors. It is also becoming an important aspect for small and medium-sized enterprises (SMEs). There are a number of possibilities how IoT can transform SME operations and future growth. Apart from IoT's numerous potential benefits for the industrial sector, the IoT-based system needs to determine the factors affecting its sustainability goals. Maintaining and sustaining the operation of millions of battery-operated devices for the long term is a complex task. Not only is it important for the operation of SME, but it is also essential for a green environment. This Special Issue solicits high-quality original research papers that provide recent technical advances, potential real-life use cases, open research problems, and promising solutions with regard to sustainability and resource management for IoT devices' operation.

### Guest Editors

Dr. Fredrik Ahlgren

Dr. Arslan Musaddiq

Dr. Neda Maleki

Dr. Jorge L. Zapico

### Deadline for manuscript submissions

closed (31 March 2024)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/110452](https://mdpi.com/si/110452)

*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

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 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)