

## Special Issue

# Smart Cities: Sensors and IoT

### Message from the Guest Editors

Smart cities result from the urgent need to orient our lives towards sustainability. Therefore, these cities use infrastructure, innovation, and technology to improve the quality of life of their citizens. Citizens interact with smart city ecosystems using smartphones and mobile devices, sensor technology, as well as connected vehicles and homes. Pairing devices and data with a city's physical infrastructure and services can reduce costs and improve sustainability. With the help of IoT, communities can improve energy distribution, optimize garbage collection, decrease traffic congestion, and improve air quality. Secure wireless connectivity and IoT technology are turning traditional elements of urban life, such as street lighting, into next-generation smart lighting platforms with extended capabilities. This includes integrating solar power and connecting to a central cloud-based control system that connects to other ecosystem assets. Sensors and IoT deployed in cities are the key building blocks for the development of these cities. These technologies will make it possible to achieve sustainable, comprehensive, innovative, and forward-looking cities.

### Guest Editors

Prof. Dr. Luis Hernández-Callejo

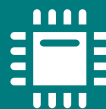
Prof. Dr. Sergio Nesmachnow

Dr. Jaime Lloret

Prof. Dr. Pedro Moreno-Bernal

### 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/122064](https://mdpi.com/si/122064)

*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)