

Special Issue

Advances in Wireless Sensor Networks for Smart City

Message from the Guest Editors

Wireless sensor networks, as a form of digitalizing infrastructure, provide a promising solution for smart-city construction following the “Sense–Analyze–Actuate” paradigm. The “Sense” step gathers multi-modal sensing data from sensors that have been deployed all around a city, which are then transmitted through wireless spectrums. The “Analyze” step aims to improve the authenticity of these aggregated sensing data, ensuring the data quality and security. Additionally, the final “Actuate” step mainly explores the potential correlations and applications from large amounts of sensing data to promote the intelligence of smart cities. This Special Issue of *Sensors* aims to collect state-of-the-art research papers on topics including, but not limited to, the following areas:

Advanced wireless sensing technologies and smart-sensor designs for smart cities;

Advanced sensing data storage, transmission, and reasoning techniques for smart cities;

Optimized sensing data quality, security, and privacy management for smart cities;

Novel smart city sensing system designs and applications. For more details, please visit [here](#).

Guest Editors

Dr. Guisong Yang

Dr. Yutong Liu

Prof. Dr. Linghe Kong

Deadline for manuscript submissions

25 September 2026



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/123071

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
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)