

Special Issue

Artificial Intelligence and Advanced Technologies for Smart Cities and Environmental Sensing

Message from the Guest Editors

Artificial intelligence (AI) and advanced computing technologies bring significant improvements in implementation efficiency for environmental sensing. We invite authors to contribute articles that present current trends and future perspectives for applications of AI and other advanced computing technologies in smart cities, environmental sensing and monitoring domains. Relevant topics include but are not limited to the following:

- Design of AI and novel advanced computing techniques for smart cities and environmental sensing;
- Edge computing and architectures for smart cities and environmental sensing;
- Opportunistic and participatory sensing with smartphones;
- Cloud and ubiquitous computing architectures for smart cities and environmental sensing;
- Swarm intelligence approaches and techniques for smart cities and environmental sensing;
- Internet of Things (IoT) and wireless sensor systems for smart cities and environmental monitoring;
- Environmental sensing testbeds for smart cities;
- Crowdsourcing for smart cities and environmental sensing;
- Security, privacy and blockchain systems for smart cities, environmental sensing and sustainability.

Guest Editors

Prof. Dr. Kah Phooi Seng

Prof. Dr. Li-Minn Ang

Prof. Dr. Junbin Gao

Dr. Hongbin Liu

Deadline for manuscript submissions

closed (31 January 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/109241

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 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)