

Special Issue

Topical Advisory Panel Members' Collection Series: Smart Cities in the Digital Age: Balancing Innovation and Security

Message from the Guest Editors

This Special Issue takes a comprehensive look at the security considerations and potentials of smart city development. We delve into the real-world implications of cyber attacks and examine the best practices for safeguarding smart city infrastructure. Our goal is to provide practical solutions and thought-provoking insights through case studies, surveys, and original research articles, promoting collaboration between stakeholders and addressing the key security challenges faced by smart cities. **The topics related to this collection include, but are not limited to:**

- Cybersecurity risks and challenges in smart cities;
- Cryptography within smart city areas;
- Blockchain and distributed ledger solutions for smart city challenges;
- Best practices for securing smart city infrastructure;
- The impact of cyber attacks on smart cities;
- Privacy and data security in smart cities;
- The role of the government and industry in ensuring smart city security;
- Case studies of successful smart city deployments with a focus on security.

Guest Editors

Dr. Radek Fajdiak

Faculty of Electrical Engineering and Communication, Brno University of Technology, Brno, Czech Republic

Dr. Helena Rifà-Pous

Department of Computer Science, Multimedia and Telecommunications, Universitat Oberta de Catalunya, Barcelona, Spain

Deadline for manuscript submissions

closed (20 October 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/161791

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
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)