



*sensors*



an Open Access Journal by MDPI

## Data and Privacy Management in Sensor Networks

Guest Editors:

**Prof. Dr. Richard Chbeir**

Department of Computer Science, E2S UPPA, LIUPPA, University Pau & Pays Adour, 64600 Anglet, France

**Dr. Taoufik Yeferny**

LIUPPA, Université de Pau et des Pays de l'Adour, 2 Allée du Parc Montaury, 64600 Anglet, France

Deadline for manuscript submissions:

**closed (31 December 2022)**

### Message from the Guest Editors

The sensor network ecosystem have made it easy to collect and exchange a large amount of data, connect heterogeneous systems, create complex systems for new forms of collaboration and interoperability. Typically, the sensed data are transmitted to the edge nodes, or directly to the cloud/server where it will be stored, indexed, processed and analysed to offer a new class of advanced services, such as environment monitoring, objects tracking, event detection, advanced data analytics, etc. Despite the progress made, however, **data and privacy management in sensor networks** remains a core and challenging issues. In fact, due to the nature of sensor networks, there exist complexity in gathering, aggregation, indexing, storage, processing and analysing big data generated by resource-constrained sensor nodes per unit time. Furthermore, sensor networks also impose new challenges related to knowledge discovery and decision-making automation, security, privacy, and trust.



[mdpi.com/si/85654](https://mdpi.com/si/85654)

Special Issue



*sensors*



an Open Access Journal by MDPI

## 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

## 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.

## 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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

## Contact Us

---

*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)