



## Recent Advances in Crowdsensing and Its Security, Privacy and Trust Challenges

Guest Editors:

**Prof. Dr. Rongxing Lu**

Faculty of Computer Science,  
University of New Brunswick,  
Fredericton, NB E3A 0A1, Canada

**Dr. Zhiguo Shi**

College of Information and  
Electronic Engineering, Zhejiang  
University, Hangzhou 310058,  
China

Deadline for manuscript  
submissions:

**closed (31 December 2019)**

### Message from the Guest Editors

Dear Colleagues,

During the past decade, we have witnessed great development in the field of sensing. Nowadays, with the help of various types of sensors carried on different platforms, such as handheld devices and physical urban sensors, crowdsensing, as a new sensing paradigm, has great potential for the collection of a tremendous amount of geo-spatial data from the urban environment, with qualities such as unprecedented sensing coverage, low-cost installation and maintenance, and the ability to sense vast heterogeneous data. Nevertheless, there are still many technical challenges facing the practical application of crowdsensing, such as (a) the design of an efficient incentive mechanism; (b) the security and reliability of crowdsensing application; (c) truth-discovery and data quality estimation of crowdsensing; (d) the efficient fusion of vast heterogeneous data. [...]

For more information, please visit [link](#).

Dr. Rongxing Lu

Dr. Zhiguo Shi

*Guest Editors*





*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](#)