



*sensors*



an Open Access Journal by MDPI

## Sensors for Smart Grids

Guest Editor:

**Dr. Toan Phung**

School of Electrical Engineering & Telecommunications, University of New South Wales, Sydney, NSW 2052, Australia

Deadline for manuscript submissions:

**closed (15 May 2020)**

### Message from the Guest Editor

Advances in sensing devices, digital technologies, and communications together make it possible to achieve accurate, online, real-time monitoring of the grid and intelligent, automated control of its operation. To this end, the sensors play a crucial role in the smart grid. Sensors deployed throughout the whole network to the grid edge enable capturing detailed information about the state of the grid, which includes not only time-synchronized electrical parameters but also many other physical parameters that are relevant to the health of the grid components for proper functioning. In this context, we are looking for contributions to the Special Issue “Sensors for Smart Grids” on novel developments in the science and technology of sensors and sensing systems. The scope also extends to associated aspects, such as signal processing, algorithms, and data analytics that enhance the sensor’s performance.



[mdpi.com/si/28208](https://mdpi.com/si/28208)

**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](#)