



an Open Access Journal by MDPI

# Wireless Sensor Networks in Smart Grid Communications

Guest Editors:

Dr. Qiuhua Zheng

Dr. Jia Liu

submissions:

#### **Message from the Guest Editors**

The smart grid is an emerging technology that is Dr. Yuanfang Chen supporting significant changes in economies and social Dr. Muhammad Alam networks worldwide. In the energy sector, various regional and state grid systems have begun the transformation from Prof. Dr. Xiaohua Xu being consumers of electricity to producing, sharing, and Prof. Dr. Sardar M.N. Islam storing energy by deploying smart grid infrastructure. However, due to often remote and extreme conditions, in smart grids, cybersecurity and resilience are two of the many challenges in leveraging energy grids. Considering hackers' recent attacks on energy grids and the distributed structure of these systems, the use of traditional means of computer protection and searching for crimes becomes Deadline for manuscript more difficult or insufficient. Luckily, with the aid of stateof-the-art cybersecurity technologies and resilient systems, closed (20 July 2023) we can produce a feasible scheme to ensure the security of smart grids from the source. Hence, there is a need to study and design new cybersecurity technologies and resilient systems for smart grids.



**Special**sue





an Open Access Journal by MDPI

### **Editor-in-Chief**

### Message from the 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

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 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)

### **Contact Us**

Sensors Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/sensors sensors@mdpi.com X@Sensors\_MDPI