

## Special Issue

# Wireless Sensor Networks with Energy Harvesting

### Message from the Guest Editors

The integration of energy harvesting technologies with wireless sensors represents a groundbreaking advancement in the field of sensor technology. This Special Issue will explore the latest developments and applications of wireless sensors that utilize energy harvesting techniques to achieve sustainable and autonomous monitoring solutions. By harnessing ambient energy sources such as solar, thermal, and mechanical energy, these sensors can operate independently without the need for frequent battery replacements, making them ideal for use in remote and inaccessible environments. The focus of this Special Issue aligns with the scope of the *Sensors* journal by addressing innovative sensor design, deployment strategies, and the enhancement of sensor networks' sustainability and efficiency. We invite contributions that cover theoretical, experimental, and practical aspects, showcasing the potential of energy harvesting wireless sensors in various applications such as environmental monitoring, industrial automation, healthcare, and smart cities.

### Guest Editors

Dr. Slim Naifar

1. Laboratory of Electromechanical Systems, National Engineering School of Sfax, Sfax 3038, Tunisia
2. Measurement and Sensor Technology, Technische Universität Chemnitz, 09126 Chemnitz, Germany

Prof. Dr. Olfa Kanoun

Measurement and Sensor Technology, Technische Universität Chemnitz, 09126 Chemnitz, Germany

### Deadline for manuscript submissions

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## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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### 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.

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di  
Bari, Via Orabona 4, 70126 Bari, Italy

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