



*sensors*



an Open Access Journal by MDPI

## Sensors for Severe Environments

Guest Editor:

**Prof. Dr. Nick Harris**

Smart Electronic Materials and Systems Group, Electronics and Computer Science, Faculty of Physical Sciences and Engineering, University of Southampton, Southampton SO17 1BJ, UK

Deadline for manuscript submissions:

**10 April 2025**

### Message from the Guest Editor

This Special Issue of the journal *Sensors* entitled “Sensor for the Harsh Environments” will focus on all aspects of research and development related to this area. The definition of a harsh environment is wide—it could, for example, include sensors operating in the natural environment, such as chemical sensors in agriculture, extreme industrial environments, such as measurements in turbines, or even environments like that inside the body. Papers which focus on the design and experimental verification of these sensors, as well as papers which focus on the results of sensor field testing in these areas, are particularly welcome. We will also consider linked papers from associated areas, such those looking at as powering or communicating with sensors in such environments. It is the goal of this Special Issue to provide a broad platform for publishing the many rapid advances in the area of harsh environments. It is envisioned that by providing this Special Issue and allowing sufficient breadth in the accepted submissions, similarities across varied disciplines may be realized by researchers across application areas.



[mdpi.com/si/77766](https://mdpi.com/si/77766)

**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](#)