

Special Issue

Sensors for Severe Environments

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 as 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.

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

closed (10 December 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/77766

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

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.

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

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)