

## Special Issue

# Sensors and Extreme Environments

### Message from the Guest Editor

Extreme environment research is critical for understanding the impacts of climate change, assessing ecosystem resilience, ensuring human safety and adaptability, and advancing planetary exploration. This research provides valuable insights into the effects of climate change on extreme environments, facilitating the development of effective mitigation and adaptation strategies. By studying these environments, researchers gain a deeper understanding of unique ecosystems' resilience and can develop strategies to conserve and manage them. Additionally, investigating extreme environments helps ensure the safety of humans in these challenging conditions and informs the development of technologies and guidelines for protection. This Special Issue aims to collate original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the deployment of sensors in extreme environments.

---

### Guest Editor

Dr. Ann Morrison

School of Future Environments, Auckland University of Technology,  
Auckland 0100, New Zealand

---

### Deadline for manuscript submissions

closed (30 June 2025)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/177738](https://mdpi.com/si/177738)

*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto: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  
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 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)