

## Special Issue

# Space and Planetary Environmental Sensing and Monitoring

### Message from the Guest Editors

In recent decades, there has been increasing interest in the scientific community conducting research on outer space, beyond the boundaries of Earth's atmosphere. We are pleased to announce this Special Issue, which aims to publish a set of papers that typify the most insightful and influential articles or reviews on the topic of "Space and Planetary Environmental Sensing and Monitoring". Potential topics include the following:

- Satellite remote sensing;
- Radars for planetary observation;
- Exploring the Moon, Mars, and asteroids;
- Space-geodetic techniques;
- Optical remote sensing for planetary exploration;
- Space robotics;
- Space navigation techniques;
- Robotic mobility and sample acquisition systems;
- Space weather;
- Air, soil and water sensing in space;
- Machine learning methods for space data processing;
- Image acquisition and processing;
- Planetary atmospheres, oceans and interiors;
- Planetary or space simulation chambers.

---

### Guest Editors

Prof. Dr. Francisco Javier Martin-Torres

1. Instituto Andaluz de Ciencias de la Tierra (CSIC-UGR), Armilla, 18100 Granada, Spain
2. School of Geosciences, University of Aberdeen, Aberdeen AB24 3FX, UK

Prof. Dr. Maria-Paz Zorzano

Centro de Astrobiología (CSIC-INTA), Instituto Nacional de Técnica Aeroespacial, Ctra de Torrejón a Ajalvir, km 4, 28850 Torrejón de Ardoz, Madrid, Spain

---

### Deadline for manuscript submissions

closed (31 October 2023)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/165959](https://mdpi.com/si/165959)

*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)