

## Special Issue

# Innovations in Photogrammetry and Remote Sensing: Modern Sensors, New Processing Strategies and Frontiers in Applications

### Message from the Guest Editors

The Special Issue aims for papers showing the progress made in key areas of photogrammetry and remote sensing. Papers focused on modern and/or forthcoming sensors, improvements in data processing strategies, and assessment of their reliability are welcome for the Special Issue. Additionally, the Special Issue aims to collect papers devoted to the application of such innovations as proof of the contribution offered in the observation of the natural and built environment and understanding of phenomena at required spatial scale. In particular, the following topics can be addressed in proposed submissions:

- Forthcoming sensors in photogrammetry and remote sensing
- Quality Assurance / Quality Control (QA/QC)
- Potentialities offered by multi-sensors data fusion
- Methodologies for near real-time mapping and monitoring from aerial/satellite platforms
- Big dataset handling
- Artificial Intelligence for data processing
- 3D modelling
- Error budget
- Novel approaches for processing of multi-temporal data
- Design, testing and applications of new sensors

For more information, please click: [mdpi.com/si/40246](https://mdpi.com/si/40246)

### Guest Editors

Dr. Francesco Pirotti

Department of Land, Environment, Agriculture and Forestry, University of Padova, Padova, Italy

Prof. Dr. Francesco Mancini

DIEF, University of Modena and Reggio Emilia, Modena, Italy

### Deadline for manuscript submissions

closed (10 February 2022)



## Sensors

an Open Access Journal  
by MDPI

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/40246](https://mdpi.com/si/40246)

*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

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)