



*sensors*



an Open Access Journal by MDPI

## Application and Framework Development for Agriculture

Guest Editors:

**Prof. Dr. José Manuel Cadenas**

Department of Information and  
Communication Engineering,  
University of Murcia, 30100  
Murcia, Spain

**Dr. María Carmen Garrido**

Department of Information and  
Communication Engineering,  
University of Murcia, 30100  
Murcia, Spain

**Dr. Raquel Martínez España**

Department of Information and  
Communication Engineering,  
University of Murcia, 30100  
Murcia, Spain

Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### Message from the Guest Editors

Dear Colleagues,

Advances in technology are forcing change in many areas of the real world. In general, users and businesses can have access to information and services anywhere and at any time through a variety of devices. Nowadays, through mobile devices, a large number of users can be reached through effective communication. Increasingly, users want to be connected to obtain useful information in real time. New sensor technologies, artificial intelligence (AI), and machine learning (ML) are creating a new middle layer between the user and systems to efficiently solve complex problems and everyday issues. This is enabling successful results in precision agriculture, efficient water management, and early detection of pests and frost, among others.

This Special Issue attempts to bring together research and review articles on different software applications and/or application frameworks for precision agriculture, with special emphasis on software applications based on AI and ML.

Prof. Dr. José Manuel Cadenas

Dr. María Carmen Garrido

Dr. Raquel Martínez España

*Guest Editors*



[mdpi.com/si/127415](https://mdpi.com/si/127415)

**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, St. Alban-Anlage 66  
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](#)