



sensors



an Open Access Journal by MDPI

Leveraging IoT Technologies for the Future Smart Agriculture

Guest Editors:

Dr. Laura Belli

Dr. Luca Davoli

Prof. Dr. Tommaso Ganino

Dr. Ilaria Marchioni

Prof. Dr. Giuseppe Vignali

Deadline for manuscript
submissions:

closed (5 May 2025)

Message from the Guest Editors

In recent years, a digital transformation has influenced several aspects of our society, and has also positively impacted agriculture, which is integrating innovative technologies and solutions, evolving towards the digital agriculture (or Agriculture 4.0) paradigm. Considering this context, the Internet of Things (IoT) technologies represent one of the key and enabling aspects for ensuring connectivity and thus allowing on field continuous real-time monitoring through heterogeneous wireless or wired sensors networks.

This Special Issue encourages authors, from academia and industry to submit new research exploring developments, advancements and novel insights into the state of the art, the challenges and the approaches in the development of IoT infrastructures for enabling new services in the field of smart agriculture with reference to vegetables and plants management.



mdpi.com/si/166827

Special Issue



sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and
Information Engineering,
Politecnico di Bari, Via Orabona
4, 70126 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 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)