

Special Issue

Applications of Sensors in Precision Farming

Message from the Guest Editors

Advanced sensor technologies and infrastructures play an important role in the increasingly emerging sector of precision agriculture, where the main objective is to optimize production and reduce production costs, in particular. For example, sensors could be used to monitor nutrient stress, water stress, soil fertility, etc. Today, precision agriculture relies on the acquisition of data from heterogenous sources, such as satellites, aerial (manned/unmanned) vehicles, tractors and, of course, advanced sensors installed on the ground or on plants. In the latter cases, Internet of Things (IoT) plays a key role considering that, for large fields, the deployment of low-cost sensors could increase the coverage and knowledge of the field with “cheap” infrastructure. This Special Issue aims to capture the latest applications in precision farming, with a focus on solutions based on new sensor technologies and infrastructures. For more information, please visit mdpi.com/si/40990.

Guest Editors

Prof. Dr. Primo Zingaretti

Dipartimento di Ingegneria dell'Informazione – DII, Università Politecnica delle Marche, 60131 Ancona, Italy

Dr. Adriano Mancini

Dipartimento di Ingegneria dell 'Informazione –DII, Università Politecnica delle Marche, 60131 Ancona, Italy

Deadline for manuscript submissions

closed (31 October 2020)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/40990

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
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)