



sensors

IMPACT
FACTOR
3.031

an Open Access Journal by MDPI

Sensors for Autonomous Agricultural Robotics

Guest Editor:

Prof. Dr. Arno Ruckelshausen

a.ruckelshausen@hs-
osnabrueck.de

Deadline for manuscript
submissions:

1 December 2020

Message from the Guest Editor

This Special Issue is aimed to the research and technology transfer of intelligent sensors for autonomous agricultural robotics.

- sensor and multisensor systems for processing, navigation, and safety
- computer vision, machine learning, and artificial intelligence
- robustness of sensors and algorithms
- low-cost sensor solutions
- development and simulation methods (such as digital twins, test stands, and reference environments)
- certification, standardization, and measurement methodologies
- applications in agriculture contexts such as crop production, livestock farming, horticulture, or forestry



mdpi.com/si/48152

Special Issue



Editors-in-Chief

Prof. Dr. Assefa M. Melesse

Dr. Alexander Star

Prof. Dr. Leonhard M. Reindl

Prof. Dr. Mehmet Rasit Yuce

Prof. Dr. Eduard Llobet

Prof. Dr. Guillermo Villanueva

Dr. Vittorio M.N. Passaro

Message from the Editorial Board

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 by the [Science Citation Index Expanded](#) (Web of Science), [MEDLINE](#) (PubMed), [Ei Compindex](#), [Inspec \(IET\)](#) and [Scopus](#).

CiteScore (2018 Scopus data): **3.72**; ranked 9/123 in 'Physics and Astronomy: Instrumentation' and 102/661 in 'Electrical and Electronic Engineering'.

Contact Us
