

Special Issue

Intelligent Agricultural Applications with Sensing and Vision System

Message from the Guest Editors

This Special Issue, “Intelligent Agricultural Applications with Sensing and Vision System”, aims to bring together recent research and developments concerning novel sensing and vision systems applied in agriculture. We welcome papers addressing sensing and vision systems for a wide range of agricultural tasks, including, but not limited to, recent research and developments in the following areas:

- Advanced imaging technology: hyper-spectral, multispectral, fluorescence, thermal, 3-dimension imaging technology;
- AI-driven phenotypic analysis: crop yield estimation, dynamic growth prediction, health status determination, microorganism and pest identification;
- High-throughput phenotyping;
- Airborne sensors (UAVs);
- AI cloud or edge computing application;
- Sensors for robotic applications in crop management;
- Sensors for positioning, navigation and obstacle detection.

For more information, please visit: mdpi.com/si/129077

Guest Editors

Dr. Chenglong Huang

Dr. Shengyong Xu

Prof. Dr. Kang Yu

Deadline for manuscript submissions

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

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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

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