

Special Issue

Novel Sensors for Precision Agriculture Application

Message from the Guest Editor

This Special Issue aims to bring together recent research and developments regarding new sensors to be used in the field of agriculture. Papers covering recent, but not limited, research and developments on the following topics are expected:

- Optical sensors: hyperspectral, multispectral, fluorescence, and thermal sensing;
- Sensors for in vivo plant monitoring;
- Sensors for the detection of microorganisms and pest management;
- Airborne sensors (e.g., UAVs);
- Sensors for unmanned agricultural vehicles;
- Multisensor systems;
- WiFi sensor networks in agriculture;
- Algorithms for managing data of sensor networks or multisensory;
- Sensors for the detection of fruit maturations;
- Sensors for fruit quality determination;
- Sensors for weed control;
- Meteorological sensors;
- Soil sensors;
- Sensors for CO₂ detection.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2024)



Sensors

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Impact Factor 3.5
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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

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