

Special Issue

Smart Sensors for Sustainable Agriculture

Message from the Guest Editors

The objective of this Special Issue is to showcase cutting-edge papers focused on various aspects of smart sensors' technologies in sustainable agriculture. These papers may include reviews, research papers, communications, technical papers, research concepts, and perspectives that highlight the applications and advantages of smart sensors for sustainable agriculture. Given the inherently dynamic and unstructured environment and the unforgiving conditions of agriculture with the aggravating force of climate change, we must apply knowledge-based sensor historical data analytics for ensuring data integrity and multivariable information enabling sustainable production of food. This smart sensing environment is what will empower the FAO mandate of SCPI (Sustainable Crop Production Intensification). The understanding of smart agriculture is important to be identified by the scientific community as a significant issue because it is needed for nations to develop and adopt these emerging technologies for the food chain. Best regards,

Guest Editors

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Deadline for manuscript submissions

closed (20 August 2025)



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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.

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