

Topical Collection

Sensors and Robotics for Digital Agriculture

Message from the Collection Editors

In recent years, there has been a growing interest in sensors and robotic systems as part of the digitalization of agriculture. Sensors deployed on agricultural robots are an essential component for the robots' autonomy and agronomical functions. These sensors include navigation sensors, context and situation awareness sensors, and sensors ensuring a safe execution of the operation as regards autonomy, as well as sensor technologies for yield mapping and measuring, soil sensing, nutrient and pesticide application, irrigation control, selective harvesting, etc. as regards agronomical functions, all in the framework of precision agriculture applications. The purpose of this Special Issue is to publish research articles, as well as review articles, addressing recent advances in systems and processes in the field of sensors and robotics within the concept of precision agriculture. Original, high-quality contributions that have not yet been published and that are not currently under review by other journals or peer-reviewed conferences are sought.

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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.

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