

Special Issue

IoT-Based Precision Agriculture

Message from the Guest Editors

The Internet of Things (IoT) is pushing its way into all domains, including precision agriculture. It provides a means for more in-depth awareness of the situation in the farms and fields; a means for increasing automation even in more complex, process-related farming such as irrigation; and data for obtaining a broad understanding of the whole food production value chain that can guide stakeholders in their strategic decision-making. The key elements in IoT are that it decouples the data collection from its use, and that it uses standard and low-cost worldwide Internet as a basic data transfer mechanism. This presents new possibilities for more focused uses, leading to more precise and justified decisions that will benefit farmers and food production. This Special Issue is dedicated to publishing articles that tackle the use and development of IoT in precision agriculture

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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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