

Special Issue

Applications of Sensors in Precision Farming

Message from the Guest Editors

Advanced sensor technologies and infrastructures play an important role in the increasingly emerging sector of precision agriculture, where the main objective is to optimize production and reduce production costs, in particular. For example, sensors could be used to monitor nutrient stress, water stress, soil fertility, etc. Today, precision agriculture relies on the acquisition of data from heterogeneous sources, such as satellites, aerial (manned/unmanned) vehicles, tractors and, of course, advanced sensors installed on the ground or on plants. In the latter cases, Internet of Things (IoT) plays a key role considering that, for large fields, the deployment of low-cost sensors could increase the coverage and knowledge of the field with “cheap” infrastructure. This Special Issue aims to capture the latest applications in precision farming, with a focus on solutions based on new sensor technologies and infrastructures. For more information, please visit mdpi.com/si/40990.

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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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