Special Issue

Advances in Remote Sensing and IoT Technologies in Smart Farming

Message from the Guest Editors

Smart farming refers to using advanced technologies to inform farming management decisions, which can increase the quantity and quality of agricultural products (grain, livestock, and dairy) while optimizing resource (e.g., water, fertilizer, and pesticide) use. Thanks to the tremendous progress of modern technologies, such as remote sensing and the Internet of Things (IoT), smart farming is becoming widespread for ensuring sustainable development in agriculture. The applications of smart farming technologies range from using IoT sensors measuring soil, plant, and environmental conditions to in-time monitoring crop stress, early prediction of crop yield, and using advanced data analytics to support site-specific agricultural management. We are pleased to announce a Special Issue entitled “Advances of Remote Sensing and IoT Technologies in Smart Farming”. This issue aims to present state-of-the-art research on the use of remote sensing and IoT techniques for crop growth monitoring, soil moisture estimation, crop stress detection, crop yield prediction, plant phenotyping, and any other related novel applications in smart farming.

Guest Editors

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Deadline for manuscript submissions

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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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