Special Issue

Smart Agriculture Sensors and Monitoring Systems for Field Detection

Message from the Guest Editor

Innovation in terms of smart agriculture systems has emerged as a potential solution to improve the throughput capacity and precision of these standard practices of crop evaluation in large-scale experimental studies. The idea of smart agriculture implies the use of new technologies in order to increase the yields and quality of crops, optimizing resources and reducing environmental impacts. This Special Issue aims to highlight impactful research on how the increasing appearance of new devices could contribute towards better crop management, including from real-time meteorological data, soil health parameters, or in vivo sensors based on the stem or leaves, monitoring physiological changes to proximal remote sensing tools at the leaf, canopy, and UAV scales. This Special Issue welcomes the submission of studies based on precision agriculture and plant phenotyping and which cover a broad range of crops. Moreover, we also encourage studies which focus on exploring synergies between sensors in order to define traits of importance to made agronomic decisions.

Guest Editor

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