



Remote Sensing Technologies, Crop Yield, Soil and Weather Data Integration in Digital Agriculture

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Message from the Guest Editors

Dear Colleagues,

The current global food and agriculture system is facing major global challenges including climate change, population growth, environmental degradation biodiversity loss and natural resources depletion. It is recognized that agricultural digitalization might be one of the approaches that can help to counterbalance the current situation with the help of remote sensing and other technologies producing a huge amount of relevant data at parcel, farm and regional levels.

In this special issue; we focus on the state-of-art research on digital agriculture enabled by integrating remote, proximal and ground sensing technologies with crop, soil and weather data in search of a sustainable use of farm inputs. Innovative approaches are solicited on measurement, management/integration and use of data established by technologies for better understanding and managing the within-field variability and its relationship with remote, proximally and ground-sensed data.

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