



Remote Sensing of Crop Lands and Crop Production

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Message from the Guest Editors

In recent years, new satellites have become available, with higher resolutions and faster repeat times. New platforms such as Google Earth Engine enable the sensing data to be utilised cheaply and efficiently so as to monitor crop production. Yet, despite these advances, the remote sensing of crops must still overcome many challenges. Small-holder farms and fields can be difficult to monitor. Field boundaries need to be generated en-masse in order to enable researchers to switch to object-based classifications. The need for training data to both build and test models challenges every remote sensing scientist. Practicing agriculturalists also need to monitor crops in order to determine how to optimally treat and manage a field, and they require a remote sensing output to be delivered in a timely fashion on mobile devices. This Special Issue of Remote Sensing seeks to showcase the latest research in this important area, that will ultimately help us as a species to monitor and manage the global food supply.





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