Cropland Monitoring Based on Remote Sensing Imagery

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Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editors

Remote sensing has long been used in monitoring agricultural activities, including crop type mapping, yield prediction, crop phenology, and crop management. During the past years, key trends in crop monitoring using remote sensing evolved over time, among a few examples:

1. Efforts have been devoted to model generalization. While many approaches have been successfully proposed for monitoring crop growth, it is often challenging to apply the model to a wider spatial and temporal domain without recalibration.

2. Recent advances in deep learning have provided unprecedentedly effective means to model complex spatial patterns and temporal dependencies.

3. Researchers and agricultural practitioners now have growing access to new sensors and instruments like UAV, LiDAR, and flux towers.

The proposed special issue will distribute studies of the recent development in crop monitoring to a broader audience. Articles covering but not limited to the aforementioned topics are cordially invited to this special issue.

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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