Special Issue

Cropland Monitoring Based on Remote Sensing Imagery

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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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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