

Special Issue

Remote Sensing for Crop Stress Monitoring and Yield Prediction

Message from the Guest Editors

Understanding and predicting crop stress and yield with changing climate is critical for designing effective adaptation and mitigation strategies. Recently, numerous studies have been conducted for multi-scale crop stress monitoring and climate impact assessment, using various data sources and novel algorithms. This Special Issue is designed to synthesize recent advances in utilizing remote sensing for cropland and irrigation mapping, crop growth assessment, crop water and heat stress monitoring, as well as yield prediction. Studies combining remote sensing and process-based/statistical models for better yield prediction under extreme weather (e.g., droughts, floods, heatwaves, heavy winds) and quantifying the associated uncertainties through inter-method and inter-model comparisons are especially welcomed.

Guest Editors

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Deadline for manuscript submissions

closed (30 July 2022)



Remote Sensing

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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.

Editor-in-Chief

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