



Remote Sensing for Crop Stress Monitoring and Yield Prediction

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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.





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Message from the Editorial Board

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