Special Issue

Remote Sensing in Vegetation Phenology

Message from the Guest Editors

Vegetation phenology is an essential variable that affects ecosystem functions and services. Satellite and near-surface remote sensing have contributed to various scientific findings regarding vegetation phenology and its interactions with the environment across multiple spatiotemporal scales. Significant progress in the remote sensing of vegetation phenology has been made in recent decades, partially benefiting from the progress in sensors and time series data-processing algorithms. However, challenges remain in the theory, methodology, and applications in the remote sensing of vegetation phenology. Various essential issues need to be further investigated. For example, what does satellite-observed vegetation phenology really represent in a heterogeneous landscape? How do we explain the relationships between vegetation phenology across spatial scales? And how do we better characterize vegetation phenology in evergreen or dryland ecosystems with weak or irregular seasonal signals in remote sensing time series? This Special Issue aims to provide a platform for sharing recent advances and various perspectives in the remote sensing of vegetation phenology.

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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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