

Special Issue

Plant Phenology and Climate Change: Patterns, Responses, and Variability

Message from the Guest Editors

This Special Issue will bridge the gap between remote sensing big data and field observations by leveraging satellite imagery, airborne remote sensing, and advanced analytics to enable robust phenology detection and construct modeling frameworks. We welcome contributions that explore vegetation phenology change, remote sensing-based monitoring, responses to climate change and human activities, and effects on ecosystem functioning, including carbon and water cycles, ecosystem quality, and services, across forests, grasslands, coastal wetlands, and ecologically fragile regions. By integrating multi-source data and cutting-edge techniques, we hope to furnish decision-making tools for scientists and managers addressing vegetation ecosystem challenges under conditions of ongoing environmental change.

Guest Editors

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