



Advances in Detecting and Understanding Land Surface Phenology

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Message from the Guest Editors

Dear Colleagues,

Land surface phenology (LSP) quantifies the seasonal dynamics of vegetated land surfaces in satellite pixels using remote sensing data. As phenological variations have strong impacts on ecosystems (e.g., productivity, carbon and water cycles, and interactions among species) and human health (e.g., allergenic pollen exposure), LSP has been largely investigated at local to global scales in recent decades.

Specifically, we are inviting submissions on topics including, but not limited to:

- New algorithms and remote sensors for LSP detection;
- Multi-sensor data fusion techniques for LSP detection;
- LSP dynamics responding to climate and land surface changes;
- Spatial patterns and drivers of LSP variations across spatial scales;
- Ground-based validation and cross-scale comparisons of LSP;
- Near-real-time monitoring of LSP and its applications (e.g., agriculture and forestry management).





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Message from the Editor-in-Chief

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