# Special Issue

# Advances in Detecting and Understanding Land Surface Phenology

### Message from the Guest Editors

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).

### Guest Editors

Dr. Jianmin Wang
Prof. Dr. Xiaoyang Zhang
Dr. Yuxia Liu

### Deadline for manuscript submissions

20 July 2026

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*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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