# Special Issue

# Remote Sensing-Based Monitoring of Vegetation Phenology in a Changing Environment

## Message from the Guest Editors

Leveraging database platforms, information services, and reanalysis modeling, remote sensing (RS) big data enables more scientific and quantitative approaches to vegetation phenology analysis, spanning from landscape to crown levels. We intend to employ cutting-edge technologies such as satellite imagery, airborne remote sensing, and big data analytics to construct robust vegetation phenology analysis models to help scientists engaged in the study of vegetation ecosystems. We invite researchers to contribute their original research papers, technical reports, or review articles to this Special Issue, with a particular emphasis on the applications and prospects of remote sensing in the field of vegetation phenology, such as:

- Vegetation phenology detection and modeling;
- Remote sensing;
- Big data for vegetation phenology monitor;
- Vegetation phenology change;
- Vegetation cover and green spaces change;
- Response of vegetation phenology to climate change and human activity;
- Effect of vegetation phenology on ecosystem environment.

We look forward to receiving your original research articles and reviews.

## Guest Editors

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## Deadline for manuscript submissions

closed (30 June 2025)

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## Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

## Editor-in-Chief

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