

Special Issue

Remote Sensing of Climate–Vegetation Dynamics and Their Effects on Ecosystems (Third Edition)

Message from the Guest Editors

Vegetation phenology plays an important role in regulating water cycles, carbon cycles, productivity, and more, and is significantly related to region-specific climatic and non-climatic factors. With the assistance of long-term in situ observations, PhenoCam monitoring networks, and multisource remotely sensed datasets, variations in vegetation phenology and its associations with regular climate, climatic fluctuations, and extremes can be captured and understood. Suitable topics include the combination of field observations with remote sensing techniques across scales, relationships between satellite-derived phenology and climate, including regional climate conditions and large-scale atmospheric anomalies. Studies on the effects of phenological variations in landscapes due to hydrological processes, water resources, and biogeochemical cycles are also significant contributions to this field. Research on the alterations of LSP alongside land-cover gradient and projections of phenology across scales and studies on animal phenology (such as migration, breeding, and reproduction cycles) are tightly linked to vegetation dynamics, which are both encouraged to submit.

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Message from the Editorial Board

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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