Special Issue

Advancing Land Surface Phenological Analysis with High Spatial Resolution Imagery

Message from the Guest Editors

Land surface phenology (LSP) plays a crucial role in characterizing ecosystem structures and functions, and is an integrative indicator of terrestrial ecosystems in response to climatic and anthropogenic changes. LSP regulates terrestrial gross primary productivity, water-energy-carbon fluxes, and ecological processes, as well as providing critical information for detecting vegetation types and land cover/land use changes. Time series of earth observation data from coarse resolution sensors set the stage for LSP operational monitoring at regional to global scales. The near-surface remote sensing has gained increasing popularity with its potential to connect satellite- and ground-based phenological measures, as well as to conduct more comprehensive phenological validation. The unprecedented wealth of information provided by higher temporal frequency, improved spatial resolution, and sheer data volume calls for innovative data analysis algorithms and monitoring strategies.

Guest Editors

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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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