# **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, waterenergy-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**

Dr. Chunyuan Diao Dr. Xiaoyang Zhang Dr. Liang Liang Dr. Rasmus Houborg

## Deadline for manuscript submissions

closed (30 September 2022)



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Remote Sensing Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 remotesensing@mdpi.com

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## Message from the Editor-in-Chief

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## Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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