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Satellite Remote Sensing Phenological Libraries

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Message from the Guest Editors

Dear Colleagues,

Satellite remote sensing can provide the necessary data to estimate phenology, an important element of landscape for climate and land use change assessments. Phenology data can be used for the assessment of vegetation types distribution, carbon budget quantification, evaluation of year-to-year spatial and temporal variations of vegetation seasonality, and the dependence of these variations on environmental factors.

Remote sensing phenology captures broad scale phenological patterns with high degree of homogeneity and standardization offered by the nature of remote sensing data. Remotely sensed phenological data can be useful for numerous applications covering fields like forestry, agriculture, climate, hazards, oceanography and inland waters, drought severity, and wildfire risk. Under this perspective, in this special issue we expect and welcome high quality manuscripts on the assessment and use of satellite remote sensing time series data and satellite remote sensing phenological libraries that can be used in any scientific domain and field.

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