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Satellite Time Series Analysis for Forest Mapping and Change Detection

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Message from the Guest Editors

Accurate forest mapping and data on changing information are essential for comprehending forest dynamics under the impacts of climate variability/change and human activities. Earth observation satellite has substantially facilitated studies on forest dynamics across spatio-temporal scales. Nevertheless, challenges remain partially due to the intricate nature of forest ecosystems and issues regarding satellite data quality. We invite researchers to share their insights on novel methods and applications related to forest mapping and change detection with satellite time series data in this Special Issue. We welcome submissions related to the following topics:

Methods for forest mapping and tree species classification;
Methods for detecting changes within forests;
Influences of satellite data quality on change detection;
Detection of afforestation/deforestation;
Forest disturbance and resilience;
Forest degradation and mortality;
Long-term changes in key forest variables.



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Special Issue



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