

## Special Issue

# Spatio-Temporal Monitoring of Forest Fires and Vegetation

### Message from the Guest Editors

Forest dynamics monitoring is crucial for forest management operations, ecosystem and biodiversity preservation, tracking climate change effects, and wildfire prevention, control, and recovery. The large variety of remote sensing platforms (satellite, aerial, UAV, and terrestrial), imagery (multispectral and hyperspectral), and resulting products (i.e., time series and photogrammetric point clouds) are contributing to both the large-scale and fine characterization of forests. In this Special Issue, we aim to collect contributions about new advances in remote sensing laser scanning systems, data sets, methods, and tools used to map and monitor vegetation from a spatiotemporal perspective, with a special emphasis on the prevention and mitigation of forest fires and the interpretation and analysis of the evolution of forest landscapes through the application of these techniques. **Keywords:** forest structure  
wildfires  
hyperspectral  
imagery  
time series  
ALS; TLS; UAV  
spatial analysis  
vegetation monitoring

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### Deadline for manuscript submissions

closed (23 January 2024)



## Forests

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