Modeling Post-fire Forest Vegetation Dynamics Based on Remote Sensing Applications

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Message from the Guest Editors

Dear Colleagues,

Wildfires have significant environmental and socio-economic impacts, affecting ecosystems and people worldwide.This Special Issue aims to present and promote original scientific contributions.

Potential topics include, but are not limited to:

Analysis of fire impacts in forest environments; Assessment of fire impacts on landscape characteristics and their changes; Estimation of forest canopy status and post-fire vegetation recovery; Predictive assessments and mapping of post-fire biodiversity patterns in forests; Post-fire vegetation structural characteristics; Classification, detection, and segmentation of post-fire vegetation cover; Post-fire forest modelling and climate change adaptation; Post-fire forest biotic and abiotic disturbance mapping; Remote sensing methods to quantify biophysical parameters of post-fire vegetation; Multispectral and hyperspectral data and methods for post-fire forest monitoring; Lidar, UAV, and SAR data in monitoring post-fire forest environments; New algorithms and techniques for post-fire forest monitoring.

Special Issue

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Message from the Editorial Board

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