



Remote Sensing Monitoring of Tropical Forest Disturbance and Dynamics

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Deadline for manuscript submissions:

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Message from the Guest Editors

Tropical forests have higher ecological diversity, productivity and biomass compared with other ecosystems on Earth. One of the most significant characteristics is their capacity to act as a major reservoir of carbon within terrestrial ecosystems, helping mitigate climate change, achieve global carbon neutrality target, and simultaneously supply numerous valuable ecosystem services. However, during the past few decades, tropical forests have been extensively affected by the anthropogenic and natural disturbance events (e.g., extreme climate events/flooding/drought, fire, deforestation/afforestation, logging/thinning, insects & diseases, and tropical cyclones).

This special issue will accept manuscripts that focus on both method advancements and their applications in classifying/modeling tropical forest disturbance agents (above mentioned), severity and risks, and detecting their impacts on forest structure and function (above mentioned) using various remote sensing platforms, such as optical sensors (i.e., Landsat, Sentinel, MODIS, and UAV), lidar/radar sensors (i.e., GEDI and SAR), and their fusions.





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Message from the Editor-in-Chief

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