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Mapping Forest Health Using Moderate Resolution Satellites

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submissions:

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Message from the Guest Editors

The health and vitality of global forest are being affected by both abiotic and biotic stressors, e.g., insect and disease, invasive species, drought and other factors such as climate change. These stressors affect not only ecosystem functions but also the economic loss of forest lands. For this special issue, we invite papers to address the mapping and quantifying forest health using remote sensing approach. The series of Landsat satellites provide the longest records for mapping forest health conditions, and their moderate resolution is ideal for quantifying forest health conditions. For this special issue, we welcome studies focusing on using Landsat as well as other moderate resolution satellites to map forest health from regional to global scales. Development and application using big data and cloud computing approach for time series analysis of forest health are especially welcome.



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Special Issue



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