



Imaging Sensors for Monitoring Forest Dynamics

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Message from the Guest Editors

Imaging sensors and sensing technologies are used to collect data for the quantitative assessment of complex traits related to forest growth, phenology, performance and adaptation to biotic or abiotic stress (disease, insects, drought, heat and salinity). Enabling technologies for the monitoring of forests are rapidly advancing, including visible, multispectral, hyperspectral, thermal, and fluorescence imaging sensors, and 3D light detection and ranging (LIDAR). The Special Issue includes research papers, reviews, and perspectives that highlight the potential and limitations of image sensor technology for forest monitoring, as well as discuss current and future applications in forest management and conservation. This Special Issue welcomes research on imaging sensors, image processing algorithms, imaging techniques and their applications in forests.





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