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Application of Active and Passive Remote Sensors in the Forest Inventory

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Message from the Guest Editors

Dear Colleagues,

The application and analysis of the information derived from active and passive remote sensors in forest inventories allow for the development of new methods of estimation of forest parameters at a lower cost and in less time, in addition to obtaining data from inaccessible areas and covering large areas of land. This Special Issue aims to compile research papers with an overview of the application of active and passive remote sensors with different spatial and spectral resolution capacities as an innovative tool in forest inventory, as well as to provide selected contributions on methodologies, analysis techniques and applications of active and passive remote sensing used in forest inventory. Potential topics include, but are not limited to, the following: ground and airborne LiDAR technology applications; use and applications of satellite images in the forest inventory; use of unmanned aerial vehicles in the forest inventory; evaluation of the error in the estimation of forest attributes; and deep learning algorithms for the estimation of forest parameters with remote sensors.

Guest Editors



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Special Issue



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