



Image Analysis for Forest Environmental Monitoring

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Forests are key resources for sustaining life on earth. They act as carbon sinks and are one of the most effective ways of fighting climate change. They are one of the most important sources of renewable energies in the form of wood fuel – currently as much as solar, hydroelectric and wind power combined. Forests cover about 30% of the total land area on earth and are the home of 80% of the planet's terrestrial species (50% of the animals). They are, thus, one of the most valuable public assets on the planet that needs to be protected from many threats coming mostly from human activity. Large-scale and mid-scale monitoring of forest environments can be done in cost-effective ways through remote sensing and airborne or land-based sensor analysis, automating many of the processes with current machine learning and pattern recognition methods.

This Special Issue will accept papers on all aspects of the acquisition and analysis of aerial image (latu sensu, including hyperspectral, multispectral, LiDAR, Radar), and video acquired from airborne and/or spaceborne sensors, that have an impact in the monitoring of forest environments.





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Message from the Editor-in-Chief

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