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Forest Monitoring in a Multi-Sensor Approach

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Deadline for manuscript submissions:
closed (31 March 2022)

Message from the Guest Editors

Dear Colleagues,

Sustainable planning and management of forest ecosystems requires understanding forest resources and their dynamics, for economic and environment purposes, especially in a climate change scenario. Using remote sensing in a multisensor approach is a powerful tool to provide critical information at different scales to monitor and manage commercial and noncommercial forests, as well as for establishing forest policies and planning.

With this Special Issue, we compile research papers which use data from different sensors, platforms (satellite, airplane, unmanned aerial vehicle (UAVs)), 2D or 3D data, images or point clouds, optical or SAR/LiDAR data, and different spectral resolutions, to address various aspects of forest monitoring: forest structure characterization, biomass/carbon sequestration estimations, fire extension and severity mapping, ecosystem recovery/degradation, forest health monitoring, invasive species mapping, early warning systems, and applications at various spatial or temporal scales. Review contributions are welcomed, as well as papers describing new sensors/techniques.

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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