



Analysis of Forest Structure Based on Landsat and Sentinel Data

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submissions:

closed (30 July 2023)

Message from the Guest Editors

Dear Colleagues,

The sustainable management of forest resources through their inventory, analyzing growth and monitoring threats (biotic, abiotic, anthropogenic) is now extensively supported by satellite imageries. Satellite imageries are acquired for large areas practically and on a continuous basis, and they have been the subject of scientific research for many years because of their highly informational nature. Among their many applications in forestry, the following are of note: global forest monitoring based on time series analysis; the monitoring of deforestation and reforestation; the identification of threats and their consequences (e.g., insect gradation); the determination of forests and trees parameters (e.g., forest type classification, species classification); and biomass estimation. In this Special Issue, we encourage colleagues from around the world to submit papers on the use of Landsat or Sentinel-2 satellite imagery in forestry. Potential topics include, but are not limited to: Mapping forest type and tree species; Mapping of forest harvesting; Monitoring forest biomass; Forest disturbance monitoring; Deforestation and reforestation; Review and meta-analyses.





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