



Geographic Information Science in Forestry

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

Forests have a critical role in ecosystem services and functions. Due to factors such as land use change, disturbances, fragmentation, climate change, pests, and disease, forests are under immense and increasing pressure. Producing accurate measures of forest inventory, health, and change remains challenging. Complications include the large spatial extents of forests, variability in forest stand parameters, and the spectral homogeneity of forests relative to other land cover types. Advances in Remote Sensing have the potential to ameliorate some of these challenges. In particular, the widening availability of LiDAR data, the increasing use of object-based image analysis, and the proliferation of unmanned aircraft systems (UAS) offer promise of improved forest assessment and monitoring.

For this special issue, “Geographic Information Science in Forestry,” we invite high-impact, original research on remote sensing and geospatial analysis of forests.

Prof. Joseph F. Knight

Guest Editor





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