Special Issue

UAS-Based Lidar and Imagery Data for Forest

Message from the Guest Editors

Unmanned aerial vehicle (UAV) applications are rapidly expanding and revolutionizing remote sensing for forest monitoring. UAV platforms provide a unique opportunity to acquire high-resolution 3D and 2D data using LiDAR or digital structure-from-motion photogrammetry. These data can improve the efficiency of forest inventories for small-scale forest management and large-scale forest inventories when the data are linked, for example, with satellite imagery. Nonetheless, it is not yet clear which UAV applications are cost-effective and accurate in forest applications. The lack of such information is currently hindering the extensive operational use of UAVs in the forest sector. The Special Issue examines the potential of using UAV-based LiDAR and UAV imagery data in forest applications to map and estimate forest variables at stand level and/or tree level. Research papers that focus on both forest metrics and methodological development are welcome. This Special Issue aims to collect new application and innovative data elaboration methodologies that use UAV-based LiDAR and UAV imagery data in research applications,

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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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