Special Issue

Accuracy Assessment of UAS Lidar

Message from the Guest Editors

With UAS lidar hardware becoming more economical, and new commercial systems emerging with varying sensor architecture, there are significant research opportunities to explore the characteristics of these systems, particularly the accuracy of the generated products in the context of applications. This includes comparisons between available UAS lidar systems and against other methods, such as SfM, for 3D reconstructions of scenes. This work will be beneficial to current and potential practitioners and will inform proper selection and use of UAS laser scanners for geospatial mapping. This Special Issue of Remote Sensing covers investigations of UAS Lidar Accuracy Assessment to include, but not limited to:

- Statistically-rigorous accuracy studies
- Innovative accuracy assessment methods
- Uncertainty estimation and error propagation
- Lidar/image fusion
- Sensor calibration procedures, results, and stability
- Mission/flight planning effects on product fidelity

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Deadline for manuscript submissions

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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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