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# Accuracy Assessment of UAS Lidar

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Deadline for manuscript submissions:
**closed (30 September 2023)**

## Message from the Guest Editors

Dear Colleagues,

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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## Message from the Editor-in-Chief

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