



## Performance Evaluation of Lightweight LiDAR for UAV Applications

Guest Editor:

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Deadline for manuscript submissions:

**closed (20 January 2022)**

### Message from the Guest Editor

Dear Colleagues,

In the last decade, small and lightweight LiDAR systems have evolved all the way from research prototypes to easy-to-use cost-effective integrated commercial systems, supported by powerful point-cloud analysis software.

From an application point of view, the operator needs to evaluate the productivity and cost-effectiveness of the system, by taking into account workload related to field survey and back-office post-processing tasks, as well as equipment cost. Comparison with alternative survey methods, the most significant being photogrammetry, is necessary, taking into account different capabilities, e.g., for ground detection under vegetation cover, or wire detection.

Contributions are welcome focusing on documented performance evaluation of UAV-borne LiDARs, with an emphasis on establishing rigorous performance metrics and methodologies, also specific to relevant case studies and applications. Availability of data is considered an added value.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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