



## Future Trends and Applications for Airborne Laser Scanning

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### Message from the Guest Editor

Dear Colleagues,

This Special Issue focuses on the new trends of the LiDAR technology and their impacts on the LiDAR applications. With the developments of new multispectral LiDAR sensors, Single Photon LiDAR (SPL) and Geiger Mode LiDAR (GML), flash LiDAR, and portable LiDAR sensors mounted on drones, new applications can be found in a variety of topographic, environmental and transportation applications. On the other hand, these new developments may also induce certain drawback toward the collected data so that new algorithmic development is desired for reducing or filtering the data noise, deriving the feature sets and improving the computational efficiency. The Special Issue is looking forward to covering different case studies on how the latest development of LiDAR sensors can aid in improving data collection capability and the derived product resolution/accuracy.

Dr. Ahmed Shaker

*Guest Editor*





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