



## Lidar for Environmental Remote Sensing: Theory and Application

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submissions:

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### Message from the Guest Editors

Dear Colleagues,

The past decade has witnessed the rapid development of lidar systems and their applications in various fields, from archaeology to forestry to geomorphology. The use of advanced computational methods has also greatly facilitated applications of lidar data. Lidar has become a very important component of environmental remote sensing.

This Special Issue welcomes studies covering theoretical modeling, data processing, and applications of spaceborne, airborne, and ground-based lidar systems. Articles may address, but are not limited to, the following topics:

- Theoretical modeling/simulation of lidar returns from Earth's surface features.
- Unmanned aerial vehicle (UAV) lidar applications.
- Forest ecology.
- Vegetation mapping and biomass.
- Biodiversity and wildlife.
- Carbon cycle/sequestration.
- Land cover change analysis.
- Urban environments.
- Disaster damage assessment.
- Terrain analysis.
- Geology and geomorphology.
- Surveying and mapping.
- Archaeological survey.





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## Message from the Editor-in-Chief

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