Special Issue

Lidar for Environmental Remote Sensing: Theory and Application

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2023)

About the Journal

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.

Editor-in-Chief

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