Special Issue

Aerial LiDAR Applications in Urban Environments

Message from the Guest Editors

LiDAR systems have been demonstrated to be a way of acquiring urban environments quickly and accurately. Aerial laser scanning technology—installed in UAVs, aircraft, or helicopters—can capture large areas without being limited to the movement of the laser scanner on the ground. The availability of aerial point clouds is also becoming increasingly common, with entire cities and countries already having been captured. The use of aerial LiDAR still faces some difficulties. On one hand, aerial point clouds are commonly affected by occlusions, causing an incomplete representation of the urban environment. On the other hand, aerial point clouds are composed of a massive number of coordinates that are required from the development of automated processing methods to extract the useful information from the application they are intended to be used. This Special Issue will collect recent advances in the use of aerial LiDAR in urban environment applications.

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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.

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