Special Issue

Laser Scanning and Point Cloud Processing in Urban Environments

Message from the Guest Editors

Accurate 3D digital representations play an important role in a wide range of urban applications. Laser scanning is the principal technology for efficient 3D data capture in the form of point clouds. Point clouds can be generated from laser scanners or derived from image matching techniques; specifically, the focus in this Special Issue is on laser scanner point clouds. However, a point is simply a point; it is the context that delivers information on the object behind the point. Research challenges in the field of laser scanning and point cloud processing range from calibration, fusion, interpretation, motion estimation, and modelling, to efficient information extraction, scene understanding, and visualization topics. The scope of this Special Issue is therefore rather broad, in the sense that we would like to include indoor, mobile, and airborne laser scanners in combination with point cloud processing algorithms for applications in the urban environment.

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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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