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Point Cloud and Image Analysis for the Measurement of the Physical Form of Cities

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Deadline for manuscript submissions:
closed (31 August 2021)

Message from the Guest Editors

Dear Colleagues,

In the recent years, remote sensing has become a de facto technology for documenting and modelling the physical form of cities. Remote sensing—terrestrial, aerial, and satellite—has proven to be a suitable approach to effectively collect data at a large scale. This Special Issue aims at collecting the recent advances in the use of remote sensing data for the measurement of the physical form of cities. We welcome submissions on the integration of measurement techniques with existing morphological theories, concepts, and methods. Specific topics include, but are not limited to, the following:

- New remote sensing technologies for urban measurement;
- Image processing for large-scale urban modelling;
- 3D modelling of urban areas from point cloud processing;
- Spatial analysis of urban-landscape changes;
- 3D analysis of urban landscape;
- 3D space syntax;
- Urban structure analysis based on 2D and/or 3D morphology;
- Impacts of 3D morphology on the urban environment and ecology.

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Special Issue

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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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