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Remote Sensing Based Building Extraction II

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Deadline for manuscript submissions:
closed (30 June 2022)

Message from the Guest Editors

Building extraction from remote sensing data plays an important role in urban planning, disaster management, navigation, and several other geospatial applications. The rapid development of image processing techniques and easily available very-high-resolution multispectral, hyperspectral, LiDAR, and SAR remote sensing images have further boosted the research on building-extraction-related topics. Building from the previous SI 'Remote Sensing based Building Extraction' 's great success, this SI aims to investigate the cutting-edge methodology and applications related to one or more of the following topics:

- Advanced AI models for building detection and extraction;
- Semantic remote sensing image segmentation;
- 2D/3D change detection;
- Disaster monitoring;
- Rooftop modelling from remotely sensed data;
- 3D point cloud segmentation;
- Building boundary extraction and vectorization;
- Large scale urban growth monitoring;
- Weakly supervised classification and object detection;
- Time-series remote sensing data analysis;
- Multi-sensor, multi-resolution, and multi-modality data fusion;
- Climate adaptation of smart cities;
- Sustainable development.

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Special Issue

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Message from the Editorial Board

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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