Geospatial Intelligence in Remote Sensing: Scene Perception, Semantic Interpretation, and Sensor Fusion

Guest Editors:

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Deadline for manuscript submissions:
closed (31 May 2021)

Message from the Guest Editors

Dear Colleagues,

We present this Special Issue with the scope focusing on the cutting-edge intelligent interpretation for urban mapping based on 2D and 3D remote sensing data. Potential topics for this Special Issue include, but are not limited to the following:

- Learning-based algorithms for low-level remote sensing image processing, including image super-resolution, image denoising, image fusion, etc.
- Intelligent methods for 3D point cloud processing, including point cloud filtering, point cloud registration, etc.
- Advanced semantic interpretation methods of 2D images and 3D point clouds in urban scenarios, including semantic segmentation, scene classification, object detection, etc.
- Advanced data fusion methods based on machine learning techniques using 2D images and 3D point clouds
- Innovative mapping applications using multi-source 2D images and 3D point clouds

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Special Issue

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Message from the Editor-in-Chief

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