

Special Issue

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

Message from the Guest Editors

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

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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