Special Issue

Advances in 3D Reconstruction Based on Remote Sensing Imagery and Lidar Point Cloud

Message from the Guest Editors

As a forum for recent advances and developments in the research and applications of 3D reconstruction from remote sensing imagery and LiDAR point cloud, especially with a focus on deep learning algorithms, this issue calls for the latest findings and innovative work conducted on understanding and modeling natural and artificial scenes, including related data generation and fusion or annotation methods. Submissions can cover one or more of the following themes:

- Advances in 3D reconstruction algorithms and techniques;
- The integration of multi-modal data sources for enhanced 3D modeling;
- Three-dimensional reconstruction of architecture, cultural heritage, and natural scenes;
- Three-dimensional reconstruction of disaster management and emergency response;
- Real-scene 3D reconstruction for geological, topographical, and urban analysis;
- Contributions of 3D reconstruction to a low-altitude economy.

Guest Editors

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Dr. Shuang Song

Dr. Bing Wang

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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