Special Issue

Deep Learning Applications of 3D Reconstruction and Visualization from Remote Sensing Imagery

Message from the Guest Editors

Deep learning applications arise and thrive in various fields, including education, healthcare, marketing and advertising, cybersecurity, and natural language processing. However, the number of applications, new approaches, and network architectures has grown rapidly, especially in remote sensing. Related research ranges from automation, enhanced spatial understanding, disaster management, and robotics to fundamental research. This Special Issue aims to cover recent advancements in deep learning methods in the field of 3D reconstruction and geo-visualization. Both original research and review articles are welcome. Topics include, but are not limited to, the following:

- Multi-spectral and hyperspectral remote sensing;
- Lidar and laser scanning;
- Geometric reconstruction;
- Physical modeling and signatures;
- Change detection;
- Image processing and pattern recognition;
- Remote sensing applications.

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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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