



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

Guest Editors:

Prof. Dr. Henry Meißner

German Aerospace Center (DLR),
Institute of Optical Sensor
Systems, Rutherfordstr. 2, D-
12489 Berlin, Germany

Prof. Dr. Francesco Nex

Faculty of Geo-Information
Science and Earth Observation
(ITC), University of Twente, P.O.
Box 217, 7500 AE Enschede, The
Netherlands

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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

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Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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