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

Guest Editors:

Dr. Lingli Zhu
Finnish Geospatial Research Institute FGI – Department of Remote Sensing and Photogrammetry, Geodeetinrinne 2, FI-02430 Masala, Finland

Prof. Dr. Jonathan Li
Geospatial Sensing and Data Intelligence Lab, Faculty of Environment, University of Waterloo, 200 University Avenue West, Waterloo, ON N2L 3G1, Canada

Prof. Dr. Sylvie Daniel
Department of Geomatics Sciences, Université Laval, 1055 Avenue du Séminaire, Quebec City, QC G1V 0A6, Canada

Deadline for manuscript submissions:
closed (31 August 2021)

Message from the Guest Editors

Remote sensing data-based 3D reconstruction is a very important research topic. It involves the fields of remote sensing, photogrammetry, computer vision, graphics, and machine learning. We would like to invite you to submit articles on your recent research linked to the title of this Special Issue, which is "3D Reconstruction Based on Remote Sensing Imagery and LiDAR Point Cloud". Contributions may focus on (but not be limited to) the following topics:

- 3D reconstruction from remote sensing images (satellite/aerial images, UAV images, terrestrial images/close range images);
- 3D reconstruction from point cloud, including indoor and outdoor;
- 3D reconstruction from a single image;
- 3D reconstruction from multiview images;
- 3D reconstruction from multimodality data;
- 3D reconstruction from multitemporal data;
- 3D reconstruction from crowdsources;
- 3D reconstruction from videos;
- 3D reconstruction for robotic mapping;
- 3D reconstruction for digital twins;
- 3D reconstruction for AR and VR;
- 3D reconstruction for archeology;
- 3D reconstruction for gaming.

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Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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.

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Contact Us

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

Tel: +41 61 683 77 34
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remotesensing@mdpi.com
𝕏@RemoteSens_MDPI