# Special Issue

# Applications of Photogrammetry and Lidar Techniques in Mining Areas

## Message from the Guest Editors

The mining industry is undergoing a significant transformation, driven by the need for enhanced safety, improved efficiency, and greater automation. Central to this evolution are photogrammetry and Light Detection and Ranging (LiDAR) technologies, which have revolutionized how we capture, analyze, and interpret 3D spatial information in complex mining environments. Moving beyond traditional surveying methods, modern photogrammetry and LiDAR provide dense, accurate, and rapid point cloud data for both surface and underground operations. This Special Issue aims to bring together the latest research, innovations, and case studies on the application of photogrammetry and LiDAR in the mining sector. We seek to highlight novel techniques, algorithms, and integrated systems that address the unique challenges of acquiring and processing 3D data in both open-pit and subterranean mines. We hope to foster a collection of high-quality articles that will serve as a benchmark for future research and development in this vital field.

## Guest Editors

Dr. Zhihua Xu
Dr. Zhenghua Zhang
Dr. Xiaohu Lin

## Deadline for manuscript submissions

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*Remote Sensing*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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*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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Prof. Dr. Dongdong Wang
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