Special Issue

Intelligent Processing Techniques for Monocular and Multi-View Remote Sensing Imagery

Message from the Guest Editors

With the development of remote sensing platforms and sensor technologies, the fields of monocular and multi-view remote sensing image processing are facing challenges and opportunities. Monocular remote sensing enables the efficient interpretation of surface information from a single image and offers significant advantages in terms of cost and computational efficiency. By contrast, multi-view stereo techniques utilize data from multiple perspectives to achieve a more accurate 3D reconstruction and a more comprehensive geometric and semantic understanding of the Earth's surface. These intelligent processing technologies are particularly important for applications such as disaster prevention, urban planning, and environmental monitoring.

This Special Issue focuses on intelligent processing theories and practical applications of monocular and multi-perspective remote sensing imagery. Submissions may include, but are not limited to, the following topics:

- Monocular image analysis applications;
- Multi-view image analysis applications;
- The processing of optical, multispectral, LiDAR, SAR, and other data types, or the joint interpretation of multi-source data.

Guest Editors

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MDPI

About the Journal

Message from the Editorial Board

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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