Special Issue

3D Information Recovery and 2D Image Processing for Remotely Sensed Optical Images

Message from the Guest Editors

In the photogrammetry and remote sensing fields, an important and longstanding task is the recovery of the 3D information of scenes, followed by the generation of visually appealing digital orthophoto maps (DOMs) with rich semantic information. Remotely sensed optical images are one of the widely used data sources. The key technologies of this task include 3D information recovery and 2D image processing. Recently, with the development of deep-learning techniques, many deep-learning-based methods have been proposed in the computer vision field to recover the 3D information of the scenes, to enhance the image quality, and to acquire semantic information. However, almost all these methods focus on photos taken by smart mobile phones or SLR cameras. Few works have explored these recent advances in remote sensing. Thus, we aim to collect recent research works related to "3D Information Recovery and 2D Image Processing for Remotely Sensed Optical Images". We invite you to participate this Special issue by submitting articles.

Guest Editors

Prof. Dr. Jian Yao

Prof. Dr. Wei Zhang

Dr. Li Li

Deadline for manuscript submissions

closed (31 May 2023)

Remote Sensing

MDPI

About the Journal

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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