Special Issue

3D Information Recovery and 2D Image Processing for Remotely Sensed Optical Images (Third Edition)

Message from the Guest Editors

Due to the overwhelming support for and interest in the previous Special Issues (SIs), we are pleased to announce the release of this third volume to continue tracking the latest improvements in the field of remotely sensed optical images. 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 most 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 deeplearning-based methods have been proposed in the computer vision field to recover the 3D information of scenes, enhance the image quality, and acquire semantic information. However, almost all of these methods focus on photos taken by smart mobile phones or SLR cameras. Few works have explored these recent advances in remote sensing.

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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 peerreview 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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