



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

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Message from the Guest Editors

Dear Colleagues,

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.





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