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

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Message from the Guest Editors

Dear Colleagues,

Due to the overwhelming support and interest in the previous Special Issue (SI), we are introducing a second edition on "3D Information Recovery and 2D Image Processing for Remotely Sensed Optical Images". We would like to thank all the authors and co-authors who contributed to the success of the first edition of this SI.

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 deep-learning-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

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