3D Reconstruction & Semantic Information from Aerial and Satellite Images

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

The growing awareness and usability of image-based methods for generating 3D models and for deriving semantic information about our intensively used environment is increasing. The past years have witnessed many important changes in every stage of the photogrammetric pipeline and multiple applications have demonstrated the versatility and capability of photogrammetry in retrieving 3D metric, as well as semantic information from imagery. New UAV platforms, aerial cameras and satellite sensors are available for mapping and 3D modeling purposes. However, besides numerous societal needs and reasons for employing photogrammetric (3D) products, and despite the recent advances in automated 3D reconstruction and sematic interpretation of images, there are still many challenges and open research issues that need to be tackled.

This Remote Sensing Special Issue is meant to support the abovementioned scope by collecting and publishing full papers on related topics. Extended and improved papers from related conferences are also welcome.

Prof. Dr. Fabio Remondino
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Guest Editors

Special Issue

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Message from the Editor-in-Chief

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