

Special Issue

3D Reconstruction & Semantic Information from Aerial and Satellite Images

Message from the Guest Editors

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 semantic 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.

Guest Editors

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Message from the Editorial Board

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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