

Special Issue

Techniques and Applications of UAV-Based Photogrammetric 3D Mapping II

Message from the Guest Editors

The aim of this Special Issue is to focus on the techniques for UAV-based 3D mapping, especially for trajectory planning for UAV data acquisition in complex environments; recent algorithms for the feature matching of aerial and ground images; SfM and SLAM for efficient image orientation; the usage of DL techniques in the 3D mapping pipeline; and the applications of UAV-based 3D mapping, such as crack detection in civil structures, automatic inspection of transmission lines, the precision management of crops, archaeological and cultural heritage, and so on. This is the Second Edition of the Special Issue, and experts and scholars in related fields are welcome to submit their original works to this Special Issue.

Guest Editors

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Dr. Xiongwu Xiao

Prof. Dr. Wanshou Jiang

Deadline for manuscript submissions

closed (15 February 2023)



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Impact Factor 4.1
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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 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.

Editor-in-Chief

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