

Special Issue

Structure from Motion (SfM) Photogrammetry for Geomatics and Geoscience Applications

Message from the Guest Editors

Nowadays, a large number of applications require reliable geometric information about objects and the environment. The most commonly-used techniques for obtaining such 3D information without contact with the objects are usually LiDAR (Light Detection And Ranging) and photogrammetry. The aim of this Special Issue is that of presenting new research advancements on methodological and algorithmic aspects on photogrammetry and Structure from Motion, on the integration of photogrammetric reconstruction with other systems, on the processing and analysis of image-based tridimensional data, and on the use of photogrammetry in applications related in particular to geomatics, geosciences, and related fields, such as surveying, mobile mapping, hydrology, geomorphology, civil engineering, architecture, cultural heritage, and precision farming. Keywords: Photogrammetry, Structure from Motion, Geoscience, Geomatics, UAV, 3D data processing, Mobile mapping, DTM, Remote Sensing, GIS

Guest Editors

Prof. Dr. Antonio Vettore

Dr. Andrea Masiero

Prof. Dr. Ayman F. Habib

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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About the Journal

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

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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