Special Issue

UAV Photogrammetry and Remote Sensing

Message from the Guest Editors

Photogrammetry based on Unmanned Aerial Vehicles (UAV photogrammetry) is an irruptive technology that is being applied to obtain very-high-resolution Digital Surface Models, orthoimages, and point clouds which represent terrain morphology. UAVs introduce new possibilities for photogrammetric projects thanks to their flexibility of route planning, on-board GNSS navigation devices, or inertial data synchronized with shotting. Photogrammetric software has experimented parallel development, especially with the implementation of the Structure from Motion (SfM) algorithm to efficiently manage imagery capture by sensors on-board UAVs, working not only in the visible spectrum but also the infrared, multispectral, and hyperspectral wavelengths. For this Special Issue of *Remote Sensing*, we welcome authors to submit papers related to UAV photogrammetry. The selection of papers for publication will depend on the quality and rigor of research. Specific topics of interest include, but are not limited to the following:

- UAV photogrammetry planning;
- UAV photogrammetric devices;
- UAV photogrammetric algorithms;
- UAV photogrammetric products and their applications.

Guest Editors

Prof. Dr. Fernando Carvajal-Ramírez

Prof. Dr. Francisco Agüera-Vega

Dr. Patricio Martínez-Carricondo

Deadline for manuscript submissions

closed (31 March 2021)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/33652

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

mdpi.com/journal/remotesensing

MDPI

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)