Special Issue

Applications of Unmanned Aerial Vehicle (UAV) Based Remote Sensing

Message from the Guest Editors

Photogrammetry based on unmanned aerial vehicles (UAV photogrammetry) is an irruptive technology currently applied to obtain very high resolution digital surface models, orthoimages, and point clouds representing terrain morphology. Most research issues related to UAV photogrammetry concern the adaptation of precedent classic photogrammetry from aircrafts, satellites, or even close-range photogrammetry to images captured using UAVs. UAVs introduce new possibilities for photogrammetric projects thanks to their flexibility of route planning, on-board GNSS navigation devices, or inertial data synchronized with shooting. 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

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Deadline for manuscript submissions

closed (10 November 2023)

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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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