

Special Issue

UAV-based 3D Mapping

Message from the Guest Editors

The aim of this Special Issue is to present the state-of-the-art research and development in the area of UAV-based mapping. We would like to invite contributions to the following topics (but it is not limited to them):

- Passive and/or active sensor integration for UAV-based mapping
- System calibration of multi-sensor UAV-based remote sensing
- Optimization of UAV payload for remote sensing purposes
- Direct geo-referencing of UAV systems
- UAVs-based applications (e.g., precision agriculture, geometric documentation of transportation corridors, infrastructure monitoring, crash scene documentation, etc.)
- Multi-sensor/multi-platform/temporal registration of UAV-based geospatial data
- Integration of UAV-based geospatial data with other remote sensing modalities
- Quality control of UAV-based mapping products
- ...

Prof. Dr. Ayman F. Habib

Guest Editors

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Deadline for manuscript submissions

closed (30 August 2019)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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