Special Issue

Progress on the Use of UAS Techniques for Environmental Monitoring

Message from the Guest Editors

UAS offers the extraordinary opportunity to fill the existing gap between remote sensing and field measurements by providing high spatial resolution measurements at high frequency. They allow to extend and improve the description of river basin hydrology, agricultural systems, and natural ecosystems, affording an impressive level of detail. This Special Issue is dedicated to UAS-based studies focusing on environmental monitoring:

- Added value of UAS data in environmental monitoring;
- Methods and procedures for UAS data processing;
- Use of UAS in precision farming;
- Innovative applications of UAS data for rapid environmental mapping and change detection;
- Advanced applications of UAS data for monitoring vegetation state, crop production, soil water content, river evolution, and stream flow;
- Potential of different sensors and algorithms for environmental variables.

Guest Editors

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Deadline for manuscript submissions

closed (20 December 2019)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/20992

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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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