



Progress on the Use of UAS Techniques for Environmental Monitoring

Guest Editors:

Dr. Salvatore Manfreda

Dr. Brigitta Szabó (Tóth)

Dr. Giorgios Mallinis

Dr. Antonino Maltese

Dr. Matthew Perks

Prof. Dr. Zhongbo Su

Prof. Dr. Eyal Ben-Dor

Dr. Jana Müllerová

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submissions:

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Message from the Guest Editors

Dear Colleagues,

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.





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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

Message from the Editor-in-Chief

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Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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