



Unmanned Aerial Systems (UASs) for Environmental Applications

Guest Editors:

Dr. Roberto Pierdicca

Dipartimento di Ingegneria Civile
Edile e dell' Architettura (DICEA),
Università Politecnica delle
Marche, Ancona, Italy

**Prof. Dr. Eva Savina
Malinverni**

Dipartimento di Ingegneria Civile,
Edile e dell' Architettura (DICEA),
Università Politecnica delle
Marche, Via Breccie Bianche,
60131 Ancona, Italy

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Message from the Guest Editors

UAVs are now ready to bridge the gap between field observations and space-borne remote sensing. In other words, they cover an essential matter of scale. Leveraging the full potential of UAS-based approaches for environmental monitoring means exploiting the most striking feature of UAS data: the very fine spatial resolution. The purpose of this Special Issue is thus to collect research articles proposing innovative solutions about the use of UAS drones equipped with different sensors for application domains including but not limited to:

- Land cover/land use analysis (including forestry, building damages, hazards monitoring, change detection);
- Image segmentation;
- Multi/hyperspectral image analysis;
- Multi-resolution (hyper-multi spectral) image analysis;
- Precision agriculture;
- Precision forestry;
- GIS applications;
- Glacier monitoring;
- Coastal changes.





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Editor-in-Chief

Dr. Prasad S. Thenkabail

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

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