Special Issue

Advances in the Use of UAVs for Monitoring and Analysis of Forage and Agricultural Crops: Technologies, Methods and Applications

Message from the Guest Editors

In this Special Issue, we seek to advance the state of the art in UAV applications in precision agriculture, particularly for forage and crop cultivation, by enhancing data acquisition and crop analysis. We encourage original research articles that present new methods or applications of UAVs in precision agriculture and systematic reviews that consolidate current knowledge on the use of UAVs in forage and crop cultivation. We look forward to receiving your original research articles and reviews. Suggested topics:

- Extraction of information from images captured by UAVs, including vegetation indices, texture analysis, and 3D modeling.
- Machine learning applications for predicting, classifying, and identifying plant species, pests, and diseases in forage or agricultural crops.
- Estimating productivity, biophysical, biochemical, and physiological parameters, comparing UAV-derived data with traditional field measurements.
- Development of methodologies for data fusion between UAV images and satellite or ground-based products.
- Other applications involving UAVs in forage and/or crops.

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About the Journal

Message from the Editor-in-Chief

Drones is the only international open-access journal about the science, policy and technology of drones and its applications. Nowadays, the proliferation of drones is a reality for local policy makers, regulatory bodies, mapping authorities, startups and consolidated companies. There are many uses and benefits of drones: from the emergence of new sensors and the evolution of new platforms; to the development of specific software and the emergence of new applications. *Drones* publishes reviews, regular research papers, communications and short notes, without restriction on the length of papers. *Drones* seeks to provide a central forum for scholars engaged in drones' research and applications.
There is a need for high quality papers in this area and the *Drones* Editorial Board are widely recognized international leaders. *Drones* journal guarantees a serious peer review and a rapid publication across the whole discipline of drones.

Editor-in-Chief

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