Special Issue

Advances of UAV Remote Sensing for Plant Phenology

Message from the Guest Editors

The relatively low altitude of most UAV-based remote sensing, together with rapid advances in related technologies, including sensors and data processing/management, results in exceptionally high levels of detail compared to other types of remote sensing. Plant phenology is an area of vegetation analysis in agriculture and ecosystem assessments that lends itself to UAV-based remote sensing because it often benefits from the particular advantages of this type of remote sensing. The aim of this Special Issue is to present and highlight UAV applications in the area of plant phenology, including developments, challenges, practical methodologies, and theoretical advances, both in the acquisition and interpretation of data. Particular topics include, but are not limited to, the role of UAVs in:

- The detection and quantification of plant life-cycle events;
- Plant phenology metrics;
- The role of phenology in plant identification and characterization;
- Plant phenology patterns in space and time;
- Phenology data processing and interpretation.

Articles may include original research or reviews.

Guest Editors

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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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