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Advances of UAV in Precision Agriculture

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Deadline for manuscript submissions:
25 December 2024

Message from the Guest Editors

Dear Colleagues,

This Special Issue is aimed at publishing state-of-the-art advances and the latest achievements of UAV technologies in precision agriculture.

The following topics are invited to this Special Issue:

- Agricultural information integrated space-air-ground-water remote sensing and monitoring network
- Unmanned agricultural intelligent sensing and control system
- Unmanned agricultural robots guidance, navigation
- Unmanned soil moisture and crop phenotype detection, hyper-spectral sensing, and quantitative inversion
- Spray or seeding Drones for agricultural applications
- Drones for Precision Agriculture, e.g., nutrients analysis, insect infestation analysis, fungus infestation analysis, snails attack mapping, soil quality and soil compaction mapping, drainage system analysis, Harvest prediction
- Bionic flying robots, and the flying robot with soft grasping manipulator
- Drones in/for green house.

Dr. Görres Grenzdörffer
Dr. Jian Chen
Guest Editors

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Special Issue

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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.

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