

## Special Issue

# Advances of UAV in Precision Agriculture—2nd Edition

### Message from the Guest Editors

Continuing from the first edition “[Advances of UAV in Precision Agriculture](#)”, this Special Issue aims to publish state-of-the-art advances and the latest achievements of UAV technologies in precision agriculture that fully relate to the journal’s scope. We welcome articles covering recent research on various topics including, but not limited to, the following:

- 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

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### Guest Editors

Prof. Dr. Jian Chen

Prof. Dr. Yangquan Chen

Dr. Yanbo Huang

Prof. Dr. Dongbing Gu

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### Deadline for manuscript submissions

25 September 2025



## Drones

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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.

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### Editor-in-Chief

Prof. Dr. Diego González-Aguilera

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