

## Special Issue

# UAV Agricultural Management: Recent Advances and Future Prospects

### Message from the Guest Editors

This Special Issue aims to explore the recent advances and prospects of UAV (Unmanned Aerial Vehicle) agricultural management. It seeks to provide a platform for researchers, scientists, and practitioners to showcase their innovative research and discuss the potential of UAV technology in revolutionizing agricultural practices. The Special Issue will address a wide range of topics, including, but not limited to, remote sensing, image analysis, data processing, and the applications of UAVs in agriculture. By highlighting the latest advancements in using unmanned aerial vehicle (UAV) technology in agricultural management and discussing future directions, this Special Issue aims to contribute to the growing body of knowledge in the field of UAV agricultural management. Research articles, review articles and short communications are welcome.

---

### Guest Editors

Dr. Hamdi Zurqani

University of Arkansas Agricultural Experiment Station, Arkansas Forest Resources Center, University of Arkansas, Monticello, AR, USA

Dr. Alessandro Matese

Institute of BioEconomy, National Research Council (CNR-IBE), Via Caproni 8, 50145 Firenze, Italy

---

### Deadline for manuscript submissions

closed (19 September 2025)



## Drones

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.8  
CiteScore 7.4



[mdpi.com/si/185219](https://mdpi.com/si/185219)

*Drones*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[drones@mdpi.com](mailto:drones@mdpi.com)

[mdpi.com/journal/  
drones](https://mdpi.com/journal/drones)





# Drones

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.8  
CiteScore 7.4



[mdpi.com/journal/  
drones](https://mdpi.com/journal/drones)



## 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

Prof. Dr. Diego González-Aguilera

Cartographic and Land Engineering Department, Higher Polytechnic School of Avila, University of Salamanca, Hornos Caleros, 50 05003 Avila, Spain

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q1 (Remote Sensing) / CiteScore - Q1 (Aerospace Engineering)