





an Open Access Journal by MDPI

UAS in Smart Agriculture: 2nd Edition

Guest Editors:

Prof. Dr. Fei Liu

College of Biosystems Engineering and Food Science, Zhejiang University, Hangzhou 310058, China

Prof. Dr. Yangguan Chen

Department of Mechanical Engineering (ME), University of California, Merced, CA 95343, USA

Deadline for manuscript submissions:

15 September 2024

Message from the Guest Editors

Dear Colleagues,

Continuing from the last Special Issue on "UAS in Smart Agriculture", we are pleased to announce the Special Issue on "UAS in Smart Agriculture: 2nd Edition".

With the development of emerging information and digital technology, unmanned technology and equipment have become more important for developing sustainable agriculture. UASs are widely used in smart agriculture, including unmanned control systems, remote sensing information collection, and variable operation systems. Unmanned control systems mainly include intelligent algorithms, communication control technology. environmental awareness, and autonomous obstacle avoidance technology, which aim to improve the level of intelligent control. Unmanned systems are widely used for field crops, orchards, and unmanned ecological farms. UASs offer strong support to promoting the green, healthy, ecological, and sustainable development of smart agriculture.

In this Special Issue on "UAS in Smart Agriculture: 2nd Edition", original research articles and reviews are welcome.











an Open Access Journal by MDPI

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

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.

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, and other databases.

Journal Rank: JCR - Q2 (Remote Sensing) / CiteScore - Q1 (Aerospace Engineering)

Contact Us