

Special Issue

Application of UAVs in Precision Agriculture—2nd Edition

Message from the Guest Editors

The use of agricultural UAVs has become an essential part of modern agriculture due to their high operational efficiency. Current research on agricultural drone operations is rapidly developing in the direction of simulation calculation, environmental perception, multidimensional control, and precision operations. This not only improves the performance of agricultural drones in remote sensing, spraying, sowing, and pollination but also demonstrates their capabilities in more traditional agricultural fields. The focus of this Special Issue is on simulation calculation, environmental perception, multidimensional control, and precision operations. The theme of this Special Issue is “Improving the operational effectiveness of agricultural UAVs,” covering interdisciplinary research in agriculture, biology, electronics, engineering, and other fields. Operational drones in various applications, such as orchards, fields, cash crops, and ecosystems, all fall within the scope of this Special Issue. We welcome the submission of various types of articles, such as original research papers and reviews.

Guest Editors

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Dr. Jiating Li

Dr. Suiyuan Shen

Deadline for manuscript submissions

closed (20 January 2025)



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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

Prof. Dr. Les Copeland

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