

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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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, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

Editor-in-Chief

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