

Special Issue

Application of UAVs in Precision Agriculture

Message from the Guest Editor

There is a current need to improve the effect of the operation efficiency of UAVs for use in agricultural applications. This is one of the most pressing challenges for modern agricultural drones. In this view, the efficiency priority principle in UAV operations is widely recognized because it can maximize the advantage of drones. Therefore, in the current operation efficiency of UAVs it is important to learn more about how to design a UAV pattern to improve the effect of UAV operation. In the course of operation, the use of variable spray, following the arrangement of the coronal layer, suppression drift, multi-machine coordination and optimal energy consumption can guarantee the efficiency and increase the benefits of UAV operation. The focus of this Special Issue is to develop and evaluate methods to improve the effectiveness of UAV operations. The research will cover UAVs for different crops, including vegetable crops, ornamental crops and large fields, and crops from other management ecosystems. Welcome various types of articles, such as original research papers and comments.

Guest Editor

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Deadline for manuscript submissions

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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.

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