

Special Issue

UAV-Based Remote Sensing: Driving Green Practices in Agriculture

Message from the Guest Editors

With an increasing world population and the threat of climate change, current agronomic practices must be highly productive, but also efficient and sustainable, to ensure food safety and security. The exploitation of remote sensing (RS) data has become an essential tool to assess the production and the efficient use of bioresources. This Special Issue of *Agriculture* aims to collect state-of-the-art manuscripts related to local-scale applications of UAV-based RS, particularly focused on precision agriculture with a prospective focus on sustainability. We welcome submissions that show evidence of the enhancement of knowledge on (but not limited to) the following topics:

- Production efficiency and resource optimisation (e.g., irrigation water management, fertilization, etc.).
- Innovative solutions in food safety and security based on low-altitude RS.
- New approaches and tools for data processing (e.g., machine learning) in precision agriculture.
- Studies analysing efficiency, cost, advantages, or limitations of drones in agriculture, and potential contributions of UAVs to meet SDGs.

Guest Editors

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Deadline for manuscript submissions

closed (25 May 2023)



Agriculture

an Open Access Journal
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Impact Factor 3.6
CiteScore 6.3



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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

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