

Special Issue

Artificial Intelligence, UAV, and Remote Sensing Applications for Precision Agriculture

Message from the Guest Editors

This Special Issue aims to present recent advances in technologies and algorithms, mainly based on artificial intelligence, to improve the applications of UAVs and remote sensing in precision agriculture. Topics of interest include, but are not limited to, plant disease and pest diagnosis; crop and orchard yield monitoring; advanced fertilization; variable operation prescription technologies; inspection of farms, vineyards or ranch animals; information management and management information systems. In addition, this Special Issue is linked to the XII Iberian Congress of Agroengineering, organized by the University of Seville (Spain) and supported by the Spanish Society of Agroengineering and the Secção Especializada de Engenharia Rural da Sociedade de Ciências Agrárias from Portugal. This congress is a meeting point for researchers and technicians linked to agroengineering in Spain, Portugal, and the entire Ibero-American community. Papers submitted to the Congress on topics of precision agriculture, spatial analysis and data-driven technologies are invited to submit articles to this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (20 December 2023)



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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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