

## Special Issue

# New Technologies and Spatiotemporal Approaches in Precision Agriculture

### Message from the Guest Editor

Seasonal climatic conditions, soil fertility, variety selection, fertilization, irrigation, pest control, weed management, and harvest time play a crucial role in determining yield quantities and postharvest quality attributes (such as color, flavor, texture, and nutritional value of the harvested product) and, subsequently, consumers' decision to purchase the product in the marketplace. Modern precision agriculture has provided substantial solutions that address the spatial and temporal dimensions of field management practices. This Special Issue focuses on the role of geospatial digital technologies (GIS, RS-UAV, GPS) and sensors (image, climate, soil) in the capture, monitoring, and spatiotemporal analysis of data from preharvest factors toward better agricultural decision making in terms of space and time, with a major emphasis on the best agronomic practices for finally obtaining products with high and stable quality. For this Special Issue, we welcome all types of articles, including original research articles and reviews.

### Guest Editor

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### Deadline for manuscript submissions

closed (20 June 2021)



## Agriculture

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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.

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### Editor-in-Chief

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