



New Technologies and Spatiotemporal Approaches in Precision Agriculture

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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.





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Message from the Editor-in-Chief

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