

Special Issue

Innovative Technologies in Precision Agriculture

Message from the Guest Editors

Precision agriculture is an inevitable development trend in agriculture. It does not only have the capability to improve the quality and efficiency of agricultural production but also reduce the waste of resources and promote the sustainable development of rural areas. Technological and scientific innovation is one of the key foundations of precision agriculture. Thus, we sincerely invite researchers from all fields to submit articles to demonstrate the achievements of scientific and technological innovation in precision agriculture. Research areas may include (but are not limited to) the following:

- Intelligent technology of sensing/detection, control, navigation/localization, and harvesting in precision agriculture.
- Intelligent agricultural equipment and robotics, such as UAV, UGV, and irrigation devices.
- Modern agricultural management and decision systems in fields, husbandry, and greenhouses.
- Specific systems, including expert systems, network management systems, and training systems.
- State-of-the-art techniques applied in precision agriculture, including AI-based, machine learning-based, big data-based, and IOT-based methods.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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