Special Issue

Recent Advances in Precision Farming and Digital Agriculture

Message from the Guest Editors

Digital agriculture likely represents the new frontier of precision farming. The collection, use and distribution of data to boost farmer activity is now a real and applicable reality. Digital technologies can help “intelligent” machines used in precision farming to optimize their efficiency. The final aim of digital and precision farming is to save costs, time, labor and inputs within sustainable farming systems. Moreover, digital technologies help different machines and devices to share data collected from specific sensors. The farmers, accessing to these information, can be helped in the many decision processes. In this Special Issue, all contributions regarding innovative technologies and machines for digital and precision agriculture are welcome, including all the agricultural, food chain, urban green areas and forestry applications. Manuscripts describing software, sensors, robotic, automation and artificial intelligence applications are also welcome. Thus, we invite experts and researchers to contribute with original research, reviews and opinion pieces covering the topics of this Special Issue.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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