Applications, Challenges and Potential of Intelligent Equipment in Agriculture

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Deadline for manuscript submissions:
closed (15 February 2023)

mdpi.com/si/106775

Message from the Guest Editors

Currently, there is a need to continue generating multidisciplinary knowledge with the aim of offering researchers, technicians and agricultural entrepreneurs an updated view of the various tools and technologies available: remote sensing, sensors, robotics, modelling, artificial intelligence, data acquisition and visualisation, IoT communications, etc. These tools and technologies can help to solve global challenges and problems, such as the optimisation of natural resources/soil/water, the improvement of human resources/mechanised harvesting, and reducing the effect of climate change, all of which pose a threat to the great diversity of crops covered by current horticulture.

This Special Issue invites you to participate in the research and technological developments

Special Issue

to advance the management of horticultural tools and technologies:(i) mechanised harvesting, (ii) precision agriculture, (iii) innovative strategies, digital transformation and irrigation optimisation through ICTs, (iv) sensorisation, and (v) remote sensing and machine learning applications in satellite images and UAVs in different spectral ranges, among others.

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Message from the Editor-in-Chief

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