Special Issue

Smart Agriculture Based on Big Data and Internet of Things (IoT)

Message from the Guest Editors

Sustainable agriculture is a combination of the best conventional technologies and practices offering precision farming concepts and digital technologies. Today, in the era of Agriculture 4.0, the latest digital technology tools are currently being employed—namely, the Internet of Things (IoT), Big Data analytics, artificial intelligence, machine learning, cloud computing, etc. New technologies are one of the key tools to enable the development of sustainable agriculture. As such, one of the most important technologies is the Internet of Things (IoT). This concept of connecting devices and collecting and processing the Big Data received from them allows for the continuous creation of streams of interconnected data as well as the creation of new information. This Special Issue aims to review a wide range of theoretical and experimental research related to agricultural production processes implemented with innovative digital technologies, the possibilities of their application and the assessment of their effectiveness, as well as the anticipated challenges that arise when combining innovative technologies with conventional agricultural activities.

Guest Editors

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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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