Special Issue

Computers and IT Solutions for Agriculture and Their Application

Message from the Guest Editor

This Special Issue is a continuation of the Special Issues "Internet and Computers for Agriculture" and "Computational, AI and IT Solutions Helping Agriculture". It aims to cover various contemporary digital solutions and their application in modern agriculture. We welcome the submission of original scientific articles and reviews discussing the development and application of the following techniques, additionally considering their contribution to contemporary and future agriculture: artificial intelligence (AI), deep learning (DL) and machine learning (ML) methods for precision agriculture, monitoring, cultivation, harvesting, marketing, management, decision making, weather forecasting, optimization, natural language processing, computer/machine vision, smart agriculture machinery and robots, drones, real-time detection systems, sensors for field operations, diagnostics, species and disease recognition, Internet of Things (IoT) devices, web applications and mobile apps, cloud technologies, big data collections, machine learning modeling, and mathematical process-based ecosystem modeling.

Guest Editor

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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