

Special Issue

Internet and Computers for Agriculture

Message from the Guest Editor

A large variety of internet and computer applications target smart technical solutions for soil and crop diagnostics, irrigation, fertilization, monitoring, harvest estimation, sharing of best practices, and adjusting to weather and climate change, offering software-as-a-service and platform-as-a-service options for farmers and agriculture companies. This Special Issue intends to cover the recent and current progress in all aspects of internet and computer software applications in agriculture. Thus, submissions of original articles and reviews are invited on the development of mobile apps, web applications, platforms; and smart IoT devices in precision agriculture for monitoring, cultivation, harvesting, and marketing; development of cloud technologies for agriculture; AI and machine learning solutions; applications of computer vision, drones, and sensors for field operations; diagnostics and data collection; smart agriculture machinery; big data science; scientific process-based modeling, and machine learning modeling for agriculture, agroecosystems and natural ecosystems, which can contribute to the modern agriculture practices of the future.

Guest Editor

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Deadline for manuscript submissions

closed (25 August 2022)



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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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