Special Issue

Digital Innovations in Agriculture—Series II

Message from the Guest Editors

The ongoing economic crisis bringing new challenges to modern agriculture and the need to have high production efficiency combined with a high quality of obtained products in accordance with the principles of sustainable production. To meet these challenges, advanced digital innovation techniques are more and more frequently being used, including those based on machine learning, artificial neural networks, Internet of Things (IoT), Big Data and Digital Twins. They are widely applied in solving various optimization tasks in the agri-food production processes in the context of the increasing use of precision and digital farming technologies on the path from Agriculture 3.0 to 5.0. The featured SI is a continuation of the very substantive and popular SI of the Agriculture journal. The current issue focuses even more on the contribution of modern technology to the development and ongoing support of sustainable, regenerative and balanced agriculture. We invite authors to submit all types of manuscripts, including original research, research concepts, communications and reviews related to digital innovation, widely defined, in the agri-food sector.

Guest Editors

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Deadline for manuscript submissions

closed (15 April 2024)

Agriculture

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 6.3

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About the Journal

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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