

Special Issue

Agricultural Automation in Smart Farming

Message from the Guest Editor

Information and knowledge are core elements of smart agriculture. It integrates modern information technologies such as the Internet, the Internet of Things, big data, artificial intelligence and intelligent equipment with agriculture. The new agricultural production mode of information perception, quantitative decision-making, intelligent control, precise input and personalized service is realized. This Special Issue mainly focuses on theories, methods and applications of agricultural information technology, including agricultural information systems, intelligent agricultural machinery equipment, agricultural Internet of Things, agricultural sensors, agricultural cloud computing, agricultural spatial information technology, agricultural data intelligent analysis and mining, agricultural artificial intelligence, agricultural management system, et al. Authors are invited to submit papers covering a broad range of topics, including agricultural information systems, intelligent agricultural machinery, agricultural robots, agricultural big data, agricultural image processing, etc. All types of articles, such as original research papers and reviews, are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (5 September 2023)



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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.

Editor-in-Chief

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