

Special Issue

Research on the Farmland Irrigation and Drainage Measures

Message from the Guest Editor

More than two-thirds of the world's total water consumption is used for agriculture. With an increasing population and demand for food, the global availability of agricultural water resources is becoming increasingly scarce. Effective management of agricultural water is crucial for improving and stabilizing crop yield. Good agricultural water management techniques not only enhance productivity but also contribute to the improvement and sustainable development of agricultural soil and environment. Research on various theories and methods such as predicting agricultural water demand, optimizing the allocation of agricultural water resources, advanced irrigation and drainage technologies, as well as related techniques in fertilization, weed control, and pest management are necessary to improve the efficiency of utilizing agricultural water resources. The current issue of 'Agricultural Water Management' welcomes all research articles related to the aforementioned topics including original research papers, perspectives, and commentaries.

Guest Editor

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Deadline for manuscript submissions

closed (25 August 2024)



Agriculture

an Open Access Journal
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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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