

Special Issue

Agricultural Drainage and Water Conservation

Message from the Guest Editor

This Special Issue aims to provide a platform for researchers and practitioners to share insights and advancements in the field of agricultural drainage, with a particular emphasis on sustainable water conservation practices. Topics of interest for this Special Issue include, but are not limited to, the following: Innovative drainage techniques: novel approaches and technologies for managing agricultural drainage water, including controlled drainage, subirrigation, bioreactors, variable frequency sump pumps, etc.

Water quality and environmental impacts: studies addressing the effects of agricultural drainage on water quality, soil health, and ecosystem integrity, as well as mitigation strategies.

Climate-resilient drainage: research on adapting drainage systems to changing climate conditions, including increased precipitation variability and extreme weather events.

Case studies: real-world applications of effective drainage and water conservation practices in diverse agricultural contexts. Please feel free to reach out to us at Xinhua.jia@ndsu.edu for any inquiries or further information.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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