

## Special Issue

# Simulation and Regulation Technology of Water and Salt Migration in Saline-alkali Dryland

### Message from the Guest Editors

Water shortage and soil salinization are important environmental problems all around the world, especially in the arid and semi-arid region, which has restricted the sustainable development of agriculture. To improve agricultural water efficiency, reduce soil secondary salinization and realize the sustainable development of agricultural production in arid and semi-arid areas, it is important to explore the law of water and salt migration in saline-alkali dryland, adopt reasonable irrigation and drainage technology, cultivation mode, and irrigation system, and regulate the process of water and salt in farmland scientifically. As dramatic changes in global climate and critical contradictions in regional water resource shortage, problems including the soil salinization in arid areas, the efficient utilization of resources and sustainable development of the agricultural environment have become the important content and hotspot under the framework of global change research. Therefore, this edition aims to describe this Special Issue in your journal to reflect the research progress in the theory, technology, and methods of water efficiency assessment in saline-alkali land.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 July 2023)



## Agriculture

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### 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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