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Management and Strategies for Improving the Use of Saline Water in Agriculture

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Message from the Guest Editors

Global water shortage has caused great challenges to the sustainable development of agriculture. Saline water has been regarded as an alternative to agricultural irrigation, which plays an increasingly important role in agricultural irrigation in water shortage areas. However, long-term saline irrigation or unreasonable irrigation patterns can lead to adverse environmental problems, such as soil salinization or crop loss. Therefore, it's necessary to study management and strategies for improving the use of saline water in agriculture.

This special issue aims to publish original research or review articles on the use of saline water for irrigation. These articles will cover a broad range from technology research to policy suggestion, including the simulation of water and salt transport, the optimal mode of saline irrigation, the effects of saline irrigation on crop growth, the environmental impact assessment of saline irrigation, and the policy of saline irrigation development.

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Message from the Editor-in-Chief

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