



Irrigation, Water Conservation and Sustainable Agricultural Harvesting

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Message from the Guest Editors

Agricultural water consumption accounts for 75-50% of the total freshwater on earth, most of which goes towards irrigation. Irrigation is critical to guarantee food security, especially in arid regions and countries. However, freshwater shortages present a critical problem in most of these regions along with the development of industry and agriculture and the advancement of society. Thus, water conservation has acquired increasing significance in sustainable agricultural harvesting, and it is vital that we investigate water-saving mechanisms and their relationship with sustainable irrigation practices.

Deadline for manuscript
submissions:

closed (1 April 2023)





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