Special Issue

Agricultural Water Management Strategies for Sustainable Crop Production

Message from the Guest Editors

This Special Issue will primarily discuss agricultural water management strategies for sustainable crop production, including (but not limited to) the relationship between irrigation and crop yield and quality, plant physiology, soil nutrient, soil salt, and irrigation strategy. Moreover, agricultural water management technology in specific situations, such as greenhouse, hilly areas, and coastal areas, etc., will be covered. Frontier research mainly focuses on the microbial driving mechanism of soil nutrient loss caused by irrigation, soil nutrient balance under different irrigation methods, crop yield responses, and the quality of different irrigation methods (sprinkler irrigation and drip irrigation) or irrigation regimes, as well as the irrigation–yield model. Researchers and experts are invited to provide original research articles. We aim to exchange information related to agricultural water management for crop production, so as to promote the rationalization of agricultural irrigation technology and methods.

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