

Special Issue

Efficient Water and Nutrient Utilization of Crops Under Changed Environment

Message from the Guest Editor

In recent years, various environmental challenges have emerged following the intensification of anthropogenic activities, such as global warming, a shortage of fresh water resources and the degradation of arable soils. These issues significantly affect the productivity of crops, quality and the safety of food. Researchers have therefore endeavored to understand the responses of crop water and nutrient acquisition to the changed environment at varied scales. However, efficiently enhancing the water and nutrient use of crops in the soil–crop–atmosphere continuum, when influenced by abiotic variables, remains challenging; in particular, the interactions between genotypes, the environment and management need to be further explored. This Special Issue aims to gather innovative studies on the efficient utilization of water and/or nutrients by crops under changing environments and the application of various agricultural management techniques.

Guest Editor

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