Special Issue

Physiological Effect of Saline Water and Recycled Wastewater on Horticultural Plants

Message from the Guest Editors

Under the scenario of climate change, irrigation water is one of the most critical resources for agricultural production, especially in arid regions. The use of non-conventional water resources, such as saline water and recycled wastewater, has become a common alternative for efficient water management, which allows us to alleviate the strain on other water resources. However, depending on its sources and/or treatment, non conventional water may have high salt contents. Therefore, knowledge of plants' physiological responses to this type of water and the possible mechanisms of tolerance to mitigate salt damage may allow farmers developing crop management strategies to obtain good plant production and quality. The aim of this Special Issue is to encourage the publication of works dealing with the physiological response of plants irrigated with saline and recycled wastewater, the possible degree of plant tolerance and the development of water management strategies.

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