

Special Issue

Management of Plants and Water for Sustainable Landscapes

Message from the Guest Editors

Urban landscapes have important economic, social and ecological roles in society. A well designed and maintained landscape contributes significantly to our well-being and quality of life. Plants are the most important components in a landscape. Many landscape plants need frequent irrigation and care to stay aesthetically appealing. However, water shortages, severe drought, and fierce competition for high quality water threaten conventionally-managed landscapes with irrigation restrictions and/or irrigation with alternative water sources. In order to maximize urban landscape functions and services with minimum inputs in this changing environment, sustainable approaches in water conservation and management of landscapes are needed. We welcome novel research and reviews covering topics including plants selection for tolerance to abiotic and biotic stresses, beneficial micro-organisms, crop genetics and improvement, novel crops, and irrigation efficiency.

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