Special Issue

Water Resilience in Arid and Semi-Arid Areas Through a Green Innovation Approach

Message from the Guest Editors

This Special Issue aims to gather scientific research that examines innovative strategies to strengthen water resilience in arid and semi-arid areas through green and blue infrastructure and nature-based solutions. The aim is to explore how new strategies can be integrated into a circular economy model to optimize water management systems, reduce vulnerability to climate change, and improve urban and rural sustainability through a waste reduction approach in the conscious use of water cycles to promote water regeneration systems for resource reuse and consumption efficiency. Special emphasis will be given to studies that evaluate these solutions' environmental, social, and economic impact, as well as those which analyze their applicability at different scales and geographic contexts. Proposals that address new methodologies, the implementation of emerging technologies, new regulations, or improvements to existing regulations are welcome.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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