

Special Issue

Sustainable Management of Water Resources in Arid Environments—Innovative Approaches

Message from the Guest Editors

Dear colleagues, Arid lands cover about 41% of the earth's surface and sustain over 900 million people. These regions are faced with persistent issues such as water scarcity, frequent droughts, high climatic variability, and degradation in the form of desertification and biodiversity loss.

Crop yields in these regions are low due to infertile soils with weak structure, frequent droughts, and low and unpredictable rainfall, and the typical yearly rainfall cannot meet farmers' minimum water needs. Crops in these areas frequently experience acute water stress during sensitive and vulnerable stages of growth, such as flowering and grain filling, which has a disastrous impact on agricultural yields. The aim of this Special Issue is to compile the experiences of scientists, researchers, and academics to facilitate the achievement of sustainable yields in arid and semi-arid regions. We look forward to receiving your contributions. Prof. Dr. Mirza Barjees Baig Prof. Dr. Mohamed Behnassi Prof. Dr. Shahbaz Khan

Guest Editors

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Editor-in-Chief

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