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Construction and Maintenance of Desert Forest Plantation

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Deadline for manuscript
submissions:

closed (30 December 2024)

Message from the Guest Editors

In arid regions, desert forest plantations refer to vegetation that is employed to control land desertification. Worldwide, there are many excellent projects across arid land that have been established. These desert forest plantation projects have amended sand dunes and significantly reduced the influence of sand storms. However, vegetation degradation has occurred due to drought, soil salinization and unsustainable management in many areas.

In this Special Issue, we will discuss the structure, ecological process and function of desert forest plantations. The submission of research papers, reviews, and opinions to this Special Issue is welcome. We hope that this Special Issue will provide some insights into how desert forest plantations adapt to harsh environments and give reference to their sustainable management. The potential topics of this Special Issue include, but are not limited to, the following: afforestation in arid zones, vegetation monitoring, plant biodiversity, microclimate improvement, carbon–water balance of vegetation, oasis ecology, and plantation sustainability, etc.



mdpi.com/si/186804

Special Issue



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Message from the Editor-in-Chief

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