Special Issue

Microbial Biofertilizers in Xeriscaping

Message from the Guest Editor

Xeriscaping is a method of landscaping or gardening that reduces or eliminates the need for irrigation. It is promoted in regions that do not have accessible, plentiful, or reliable supplies of fresh water and is gaining popularity in other regions as access to irrigation water becomes limited, though it is not limited to such regions. Xeriscaping may be an alternative to various types of traditional gardening. A biofertilizer is a substance that contains living micro-organisms which, when applied to seeds, plant surfaces, or soil, colonize the rhizosphere or the interior of the plant and promote growth by increasing the supply or availability of primary nutrients to the host plant. It is demonstrated that biofertilizers have different effects in different environments and even within the same environment. This is a research direction that many scientists have made progress in, but there is still no perfect solution. However, xeriscaping is shown to have the most profound effects in drier climates. In the future, it is hoped that the effects of biofertilizers will be better controlled and regulated in all environments.

Guest Editor

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Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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