

Special Issue

Water Use Strategy of Plants in Arid Regions

Message from the Guest Editors

Plants have various water-use solutions (or strategies) for living in xeric environments. They have a set of coordinated adaptations at different levels, from the cell level to the whole-plant level, that secure plant growth under water-limited conditions. Understanding the morphology, physiology, anatomy, and ecology of plants that specialize in dry habitats has significance beyond arid/semi-arid regions since the frequency of weather extremes such as megadroughts, heat waves, etc., is expected to increase owing to climate change. This Special Issue of *Plants* is aimed at representing the new progress in the above-mentioned fields, and new methodology and techniques that have potential usage in related research are especially encouraged.

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Message from the Editor-in-Chief

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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