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Advances in Environmental Stress Resistance on Morpho-Physiological Characters in Plants

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Message from the Guest Editors

Dear colleagues,

There is an interest in understanding the mechanisms of plant adaptation and tolerance strategies to unfavorable environmental conditions. Plants are continuously exposed to changing environmental variables, such as high light, UV radiation, nutrients, wind, gasses, oxidative stress, dehydration, salt, excessive temperatures, metal toxicity, and other factors are among them.

This Special Issue aims to bring together current knowledge on the plant morphological, physiological, biochemical, and molecular/genetic mechanisms for resistance and associated problem of environmental stresses in arid and semi-arid areas.

Researchers from the globe are warmly invited to submit original research and review articles on the related topics as:

Deadline for manuscript submissions:

closed (31 March 2023)



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Physiological, biochemical, and molecular studies assessing the impact of unfavorable environmental variables on plant morphology, water relations, photosynthetic leaf gas exchange, enzymatic and non-enzymatic antioxidant, metabolites, and productivity effect of environmental stress on the development of plants. Studies on the molecular responses to stress related genes

and pathways for talk growth regulation and stress resistance capacity









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Message from the Editor-in-Chief

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