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Alpine Ecosystems in a Changing World

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

From the perspective of limitation, adaptation, and response to the changing environment, this Special Issue focuses on alpine plants' adaptation mechanisms to harsh environments with the features of low temperature, desiccation stress, and nutrient limitation, as well as the response modes to the interference of human activities such as grazing, fencing, and fertilizing. Under the pressing environmental forces due to rapid warming, nitrogen deposition, extreme climatic events, and overgrazing, the plant diversity will shape the sensitivity, resistance, and resilience of alpine ecosystems to extreme events. Alpine ecosystems are expected to exhibit an unprecedented response to environment change from species to community level. Contributions to this Special Issue are welcome from the high-altitude regions including but not limited to the Hindu Kush Himalayas, European Alps, Scandes, and Andes.



mdpi.com/si/94286

Special Issue



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Message from the Editor-in-Chief

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