

Special Issue

Biodiversity and Its Function Change in the Alpine Ecosystem under Human Activity

Message from the Guest Editors

Alpine grassland plays an important role in carbon (C) fixation and water and biodiversity conservation. Grazing is the main way for humans to use alpine grassland, but unfortunately, the degradation of alpine grasslands has been accelerated by climate change and grazing activities. Human disturbances are quick and serious, seriously threatening the fragile alpine ecosystems. The degraded alpine grassland area has reached 83% of the total available grassland area because of overgrazing, while 50–60% of degraded grasslands have lost all grazing function. Degradation of alpine grasslands is a chain reaction, which has recently drawn significant interest and become a global concern. The subject of this Special Issue is to elucidate the vegetation, soil nutrients, soil hydrology, plant diversity, productivity, and mechanisms of alpine grassland ecosystems responding to human activity. Observational, experimental, and modeling studies are welcomed. More details at: https://www.mdpi.com/journal/diversity/special_issues/Alpine_Ecosystem

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Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

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