



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

Guest Editors:

Dr. Xiaowei Guo

Qinghai Provincial Key
Laboratory of Restoration
Ecology for Cold Region,
Northwest Institute of Plateau
Biology, Chinese Academy of
Sciences, Xining, China

Dr. Bin Wang

Adjunct Associate Professor, New
South Wales Department of
Primary Industries Wagga Wagga
Agricultural Institute, Gulbali
Research Institute Charles Sturt
University, Wagga Wagga, NSW
2650, Australia

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Message from the Guest Editors

Dear Colleagues,

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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Editor-in-Chief

Prof. Dr. Michael Wink

Institute of Pharmacy and
Molecular Biotechnology,
Heidelberg University, Im
Neuenheimer Feld 329, D-69120
Heidelberg, Germany

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Diversity Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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