



Biodiversity and Its Function and Global Change in Alpine Ecosystem

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Message from the Guest Editors

This Special Issue will focus on the biodiversity and ecosystem processes and functions of alpine ecosystems and their responses to global changes and human activities. Observational, experimental and modeling studies are welcomed.

Topics of the desired scientific articles include, but are not limited to, the following:

1. Patterns of plant, animal, nematode and microorganism diversity in alpine ecosystems and their main drivers;
2. Biological traits (e.g., plant phenology and physiological properties) and ecosystem processes (e.g., soil element cycling, microbial processes) and their functions in alpine ecosystems;
3. Effects of climate change on biodiversity patterns and ecosystem processes of alpine ecosystems;
4. Effects of human activity on biodiversity patterns and ecosystem processes of alpine ecosystems;
5. The plant–microorganism interactions in alpine ecosystems;
6. The ecosystem degradation of alpine ecosystems and its effects on ecosystem biodiversity and processes;
7. The effect of biodiversity on the restoration of degraded alpine ecosystems.





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