



Key Hydrological Processes and Its Controlling Factors in Terrestrial Ecosystems

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Deadline for manuscript submissions:

31 December 2024

Message from the Guest Editors

Terrestrial ecosystems are among the most complex and critical ecosystems on Earth. Understanding and studying the hydrological processes inherent to terrestrial ecosystems is crucial for the conservation and management of these ecosystems and maintaining ecological balance.

This Special Issue aims to explore the key hydrological processes occurring in terrestrial ecosystems and how they influence ecosystem dynamics and ecosystem services. The specific research content can include, but is not limited to:

1. Land-use or land-cover change impacts on hydrological processes: Investigating the effects of land-use or land-cover change on hydrological processes in terrestrial ecosystems.

2. Soil-sediment-hydro-ecological processes at multiple scale: Studying the interaction between soils and sediments and hydro-ecological processes at multiple scales in terrestrial ecosystems.

3. Forest disturbance impacts on hydrological processes: Investigating the effects of forest disturbance on hydrological processes related to ecosystem services, providing scientific evidence for land management and conservation.





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Message from the Editor-in-Chief

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