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Responses of Soil and Vegetation to Hydrological Processes

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Deadline for manuscript
submissions:

closed (25 May 2024)

Message from the Guest Editor

As a result of climate change and human activities, hydrological processes have undergone great changes which cannot be ignored. Simultaneously, hydrological elements, including runoff, evapotranspiration, soil moisture and precipitation, etc., also present obvious changes. These changes inevitably affect the ecosystem and its components, for example, soil and vegetation. This is a result of the close connection between hydrological processes and the ecosystem. Thus, research on the response of soil and vegetation to hydrological processes can provide a theoretical basis and technical support for ecological adjustment, biodiversity protection, and ecological restoration.

The aim of this Special Issue is to collect a wide spectrum of papers which illustrate the current progress and future prospects in the response of soil and vegetation to hydrological processes.



mdpi.com/si/191453

Special Issue



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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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Journal Rank: JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

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