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Advances in Forest Hydrology and Biogeochemistry

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Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editors

Dear Colleagues,

'Forest hydrology' is a key part of the water cycle, and 'biogeochemistry' is an important discipline that deals with biotic control of the chemistry of the environment, or with geochemical control of the structure and function of ecosystems. Therefore, 'forest hydrology' and 'biogeochemistry' are interconnected, and both have evolved and continue to grow as new challenges arise. Over the past several decades, the research conducted by forest hydrology and biogeochemistry communities has greatly improved our understanding of the transport of water, soil, carbon, nutrients, and inorganic solutes within and through forests among different ecoregions and forest types. Therefore, we need to shed light on these topics with new knowledge and foster the mechanistic understanding of linking the hydrology, biogeochemistry and functional ecology of forests at multiscales and for interdisciplinary aspects.

Dr. Xinchao Sun

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Guest Editors



mdpi.com/si/122612

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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