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Advances in Rainfall Partitioning in Natural and Urban Environments

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Message from the Guest Editors

In this Special Issue, we focus on studies dealing with novel observations or model techniques aiming to increase our understanding of rainfall partitioning, both in time and space, and on a small scale as well as a regional–global scale. Contributions may address any impact of vegetation or meteorological characteristics on rainfall partitioning in urban or natural environments.

The interactions between forest and water have been studied for over a century. Forest hydrology deals with the water balance of forests, particularly regarding precipitation (as a rainfall partitioning into throughfall, stemflow, and rainfall interceptions), evapotranspiration, transpiration, runoff, infiltration, and groundwater recharge in different forest types and management systems. Rainfall partitioning studies in large watersheds are limited, mainly due to the lack of an efficient, commonly accepted methodology[…]

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/rainfall_partitioning

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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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