

Special Issue

Advances in Rainfall and Evaporation Partitioning

Message from the Guest Editors

This Special Issue of *Geosciences* aims to gather high-quality original research articles, reviews, and technical notes on advances in rainfall and evaporation partitioning. Rainfall that hits the vegetated surface has many options. It can be intercepted or flow down as throughfall and/or stemflow. The cascade of multiple interception storages makes it difficult to quantify the interception process. First of all, identifying all possible interception storages and quantifying their magnitude is not straightforward, since it changes both in time and space. Additionally, methods that focus on measuring the evaporation flux have trouble with distinguishing vapor originating from interception and transpiration. Hence, if we want to understand how vegetation redistributes the rainfall, we should consider the entire process of rainfall and evaporation partitioning. In this Special Issue, we focus on studies that deal with novel observation or model techniques that aim to increase our understanding of rainfall and evaporation partitioning, both in time and space, and on a small scale as well as a regional–global scale.

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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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