Special Issue

Rainfall and Water Flow-Induced Soil Erosion

Message from the Guest Editors

Soil erosion by water is still a major threat for many countries, greatly affecting soil quality and health and thus productivity of land, biodiversity of ecosystems, and others, influencing human survival and development. Water erosion is the wearing away of soil by rainfall and water flow. Understanding the occurrence of soil erosion and the mechanism behind it will more effectively help us to protect soil from erosion. This Special Issue will address new findings and better understanding of the processes, mechanisms of soil erosion induced by rainfall and water flow, and interrelationships between soil erosion and rainfall and water flow. This includes rainfall interception, raindrop splashing capacity, rainwater and runoff infiltrations, preferential flow, runoff path, etc., and raindrop splash erosion, sheet erosion, rill erosion, gully erosion and underground leakage, etc. caused by them. We welcome original studies based on field measurements and monitoring, laboratory control experiments, and numerical simulation. We also welcome the latest comprehensive reviews. For more details, pleased find at:
https://www.mdpi.com/journal/water/special_issues/Rainfall_Soil_Erosion

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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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