Special Issue

Hydrological Modeling Research for Rainfall-Induced Landslides

Message from the Guest Editors

Rainfall-induced landslides, which can involve different kinds of soils at different depths, cause widespread direct and indirect damage to cultivations, infrastructures, man-made settlements, and, sometimes, even many casualties all over the world. Although it is rather evident that rainfall is the main trigger of many slope failures, modeling of the interaction between soil and weather phenomena, especially for forecasting purposes at different scales, is done using different methodological approaches. In particular, hydrological research, strictly connected with aspects dealing with soil physics, soil mechanics, and geology, has recently made a strong contribution to the understanding of the processes at stake...

Please view the following link for more information: https://www.mdpi.com/journal/water/special_issues/hydrological_rainfall_landslides

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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.

Editor-in-Chief

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