



water

an Open Access Journal by MDPI



Hydrological Modeling Research for Rainfall-Induced Landslides

Guest Editors:

Dr. Roberto Valentino

Prof. Dr. Claudia Meisina

Prof. Dr. Marco Bittelli

Dr. Massimiliano Bordoni

Prof. Dr. Marco D'Oria

Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

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



[mdpi.com/si/44483](https://www.mdpi.com/si/44483)

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, France

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)