water

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 5.8

Rainfall Thresholds and Other Approaches for Landslide Prediction and Early Warning

Guest Editors:

Dr. Samuele Segoni
Department of Earth Sciences, University of Firenze, Firenze, Italy

Dr. Stefano Luigi Gariano
CNR IRPI (Research Institute for Geo-Hydrological Protection - Italian National Research Council), Perugia, Italy

Dr. Ascanio Rosi
University of Firenze, Department of Earth Sciences

Deadline for manuscript submissions:
closed (31 July 2020)

Message from the Guest Editors

Dear Colleagues,

The prediction of the occurrence of rainfall-induced landslides is an important scientific and social issue. To mitigate the risk posed by rainfall-induced landslides, landslide early warning systems (LEWS) can be built and applied at different scales as effective non-structural mitigation measures. Usually, the core of a LEWS is constituted of a mathematical model that predicts landslide occurrence in the monitored areas. In the last decades, rainfall thresholds have become a widespread and well established technique for the prediction of rainfall induced landslides, and for the setting up of prototype or operational LEWS. This Special Issue collects contributions about the recent research advances or well-documented applications of rainfall thresholds as well as other innovative methods for landslide prediction and early warning.

water

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 5.8

Editor-in-Chief

Dr. Jean-Luc PROBST
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, 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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/water
water@mdpi.com
𝕏@Water_MDPI