Special Issue

Assessment of Landslide Susceptibility and Hazard in the Big Data Era

Message from the Guest Editors

Landslides have been recognized as a major threat to lives and properties in most mountainous regions of the world. Recently, a great deal of the progress has been made by new advancements in technology, such as machine learning technology, UAV, satellite images and simulation models. Most of these new techniques bring a massive volume of both structured and unstructured data and require specialized algorithms and methods to produce fruitful results. This revolution has just begun and there is a growing interest in the application of data science methods for landslides studies, both to develop black-box prediction models and to support the classical physics-based methods.

This special issue of Applied Sciences aims to encourage researchers to address the recent progress in the field of landslide susceptibility and hazard assessment taking advantage of the new opportunities in the Big Data Era.

Guest Editors

Prof. Hyuck-Jin Park

Prof. Dr. Filippo Catani

Prof. Alessandro Simoni

Prof. Matteo Berti

Deadline for manuscript submissions

closed (31 March 2021)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/33314

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)