Special Issue

Landslides Early Warning Technology

Message from the Guest Editor

The main topic of this Special Issue is related to the cutting-edge technologies involved with providing early warnings for landslides. The data-driven method has been a preferable approach that generates statistical, probabilistic, or machine learning models on the basis of a lot of historical landslide data. Also, numerous studies have proposed physically-based approaches with the advanced computational techniques based on analytical and numerical explanations for the mechanism of landslide occurrences. Meanwhile, the advanced monitoring approach that uses either contact-sensing techniques with ground instrumentations or remote-sensing techniques such as LiDAR, GB-InSAR, digital photogrammetry, and so on is another vital research field of landslide early warnings. The primary objective of this Special Issue is to showcase the advanced landslide early warning technologies used to minimize and reduce the damages and to introduce the landslide early warning system in each country. The research articles related to landslide early warning that explore the topic from various fields are welcome.

Guest Editor

Dr. Young-Suk Song
Korea Institute of Geoscience and Mineral Resources (KIGAM)

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

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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

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