Special Issue

The Artificial Intelligence Models for Landslide Hazard Assessment

Message from the Guest Editors

We would like to invite you to participate in this Special Issue, which will focus primarily on the study and the application of the artificial intelligence methods for landslide hazard assessment and mapping in anthropic areas (urban areas, roads, communication infractures, etc.).

The assessement of landslide susceptibility and hazard has been recognized by the scientific community as one of the most significant tools in the landslide and monitoring studies for landslide risk evaluation and its management and mitigation.

Over the last decades, several methods, both qualitative and quantitative, for landslide hazard assessment and mapping have been developed, such as geomorphological approach, heuristic approach, probabilistic and deterministic approach, statistical analysis, and multicriteria decision-making models.

Guest Editors

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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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