Special Issue

Mitigating Hydrologically Induced Slope Failures Through Nature-Based Solutions

Message from the Guest Editors

This Special Issue invites contributions that explore the application, evaluation, and innovation of NbS for managing hydrologically driven slope instability and landslide risks. Topics of interest include vegetation-based reinforcement, soil bioengineering, eco-hydrological processes, land management practices, and hybrid green–gray infrastructure. We especially welcome interdisciplinary submissions that combine hydrology, geotechnics, ecology, and socio-economic analysis. Through this Special Issue, we aim to advance the scientific understanding and practical implementation of NbS, highlight their long-term benefits, and identify knowledge gaps for future research in the context of climate change and increasing landscape vulnerability. We look forward to receiving your original research articles and reviews.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Hydrology is the study of the waters of the Earth. Hydrology has close ties with hydraulics, hydrogeology and the multiple sciences that study the atmosphere, the land surface, the soil and the subsoil, and ranges from complex problems of risk, forecasting and optimization of water resources to interactions with ecological, urban, social and economic systems. The purpose of *Hydrology* is then to provide a journal where research results and real-world problems can be presented and discussed in order to bridge the traditional gaps between the academic world and the professionals and decision makers. Therefore, *Hydrology*, invites authors to submit their original theoretical, field, experimental, and numerical studies on hydrology with strong emphasis on multidisciplinary approaches and interdisciplinary topics, which cross the typical boundaries of our science.

Editor-in-Chief

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