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## Effects of Water on Slope Stability

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Deadline for manuscript submissions:

**closed (22 December 2021)**

### **Message from the Guest Editors**

This Special Issue, "Effects of Water on Slope Stability", deals with a topic of great interest for many practical and scientific reasons. Water may cause unstable conditions in slopes, and is a primary cause of landslides. Landslides are globally recognized as one of the most dangerous natural disasters in terms of the safety of people, infrastructure, and economic activities. Landslides can occur owing to intense rainfall, snowmelt, changes in groundwater level in slopes, and changes in water level of water reservoirs at the base of natural or artificial slopes, and along coastlines. These triggering factors, as well as the properties of the involved materials, significantly influence the deformation mechanisms leading the slope to failure and the following landslide kinematics. For example, a catastrophic and fast movement of rock and soil masses could be caused after long rainy periods, or an ancient landslide body might be reactivated due to groundwater level oscillations. [...]

For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/water/special\\_issues/water\\_slope\\_stability](https://www.mdpi.com/journal/water/special_issues/water_slope_stability)



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# Special Issue



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## Message from the Editor-in-Chief

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