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Monitoring, Early Warning and Mitigation Measures of Mountain Hazards and Environmental Degradation

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Message from the Guest Editors

Mountain hazards are disasters that occur in mountainous areas and harm humans and their living environment. Mountain resources can be fully utilized by humans, but when the ecological balance is disrupted, disasters will happen. Water is particularly prominent. The presence of large amounts of water leads to water-related disasters such as flash flood, debris flow, etc., while less water leads to drought. In addition, environmental change and human activity can disturb rock and soil status closely related to geological disasters.

Monitoring, early warning systems, and mitigation measures against mountain hazards and environmental degradation need to be implemented in order to avoid casualties, reduce economic losses, and protect the environment in a sustainable way.

The purpose of this Special Issue is to publish high-quality research articles and reviews that show worldwide advances in the monitoring, early warning, and mitigation of mountain hazards and environmental degradation.



Specialsue





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