

## Special Issue

# Geological Disasters: Mechanisms, Detection, and Prevention

### Message from the Guest Editors

Earthquake activity reached a peak with the 9.0-magnitude earthquake off the coast of Sumatra on 26 December 2004, marking the onset of a high-frequency period for magnitude 8 earthquakes. This situation resembles the frequent occurrence of magnitude 8 earthquakes worldwide during the first half of the 20th century, and this trend may be set to continue.

Earthquakes can trigger significant geological disasters, thereby endangering human life and hindering social and economic development. Therefore, we encourage scientists to conduct effective research on the entire lifecycle of geological disasters (the mechanisms by which they arise, and their detection and prevention).

Comprehensive content related to geological disasters is highly encouraged, and this may include field surveys of geological hazards, data collection and analysis, mechanism analysis, and related content such as geological hazard prediction and prevention.

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### Guest Editors

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## Applied Sciences

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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.

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### Editor-in-Chief

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