

Characteristics of earthquake and landform for the slope failure

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It is important to continue the case studies, because study history about the effect that earthquakes bring for the landform does not advance enough. So, we researched on the slope failures caused by Noto Hanto Earthquake in this paper.

In study area, we found 134 slope failures. They tend to be smaller than the slope failures that were caused by other earthquake in another area, and frequent at artificial slope. And we also found that estimated seismic intensity affects occurrence of slope failure, and slope angle affects its size, and physical properties affect either subordinally or dominantly.