

## Geomorphic characteristics of landslides caused by the Northern Nagano Prefecture Earthquake of Mar. 12, 2011

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A lot of landslidings were caused by the Northern Nagano Prefecture Earthquake (M=6.6) of Mar. 12, 2011. Based on the air-photo interpretation, the characteristics of landsliding localities were classified into five types, i.e. 1)crest slope surrounding slopes of which had collapsed in the past; 2)upper end of some old landslide scarp; 3)steep slope along small stream which is lower than the apparent knick line; 4)undercut slope of Chikuma River and 5)inner area of moving mass of old landslide. From the geomorphological point of view, these are all unstable part of slopes.

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