

Paleo-seismology of the Median Tectonic Line in Shikoku from earthquake-induced large-scale landslides

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The earthquakes are one of the most important landslides-inducing agents in seismic regions. As the Japanese islands are located in the Circum-Pacific seismic zone, numerous landslides caused by earthquakes have been reported. The Median Tectonic Line (MTL) contains highly active faults that have a potential danger of earthquakes in Shikoku, Southwest Japan. Large-scale rock slides occurred in the Early to Middle Pleistocene along the fault scarps of the Median Tectonic Line in Shikoku. This paper reviews earthquake-induced large-scale landslides along the Median Tectonic Line in Shikoku.