

Paleoseismological studies on the Sakaitoge and Mutoyama faults in the Sakaitoge-Kamiya fault zone, central Japan

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<http://unit.aist.go.jp/actfault/activef.html>

The Sakaitoge-Kamiya fault zone in western Nagano Prefecture is composed of the NNW-SSE trending left-lateral Sakaitoge fault and the ENE-WSW trending right-lateral Mutoyama fault. One trench on the Sakaitoge fault and two trenches on the Mutoyama fault were excavated to reveal the paleoseismic activity and the rupture probability in the future of this fault zone. A fault exposed at the Sogurazawa site on the Sakaitoge fault cuts the terrace deposits but is covered by a soil layer. On the Mutoyama fault, only a tilting silt layer was observed on the trench wall at the Kuwasaki site.