

## Tectonic landforms and fault outcrops around the middle part of Atera fault system

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In order to determine the fault activity along the middle part of Atera fault system, one of the most active faults in the eastern part of Southwest Japan, we have investigated topography in the Mimayano district, Gero Town, Gifu Prefecture. Based on the offsets of river terrace scarps, left-lateral displacements of L2(Lower terrace 2) and L3(lower than L2) surfaces reach about 63 m and 26-28 m, respectively. Vertical displacement of L2 surface reach 5 m with a component uplifted the northeastern side. From the observation of fault outcrops along the forestry road in the north Butai touge pass, two sets of faults form a fault-bounded depression.