

Ground deformation in and around center cones at Aso Volcano, Japan

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Aso Volcano has five peaks(Kishima-dake, Eboshi-dake, Ohjo-dake, Naka-dake, Taka-dake). Recent eruption occurred at Naka-dake in 1989. We repeated 1st order leveling survey for 16 times since 1936. The survey line is about 38km and located in west-side of Aso volcano. We found subsidence region between Jigoku-Yunotani-Eboshi. To obtain more precise ground deformation data, we installed GPS stations in 1999. We present the ground deformation since 1999 by GPS survey.