

Controlled source seismic exploration of Fuji volcano in 2003: outline of the experiment

Tsuneomi Kagiya Research group for seismic exploration of Fuji volcano[1]; Jun Oikawa[2]

[1] -; [2] ERI, Univ. of Tokyo

We conducted the controlled-source seismic exploration of Fuji volcano in 2003, under the national project for the prediction of volcanic eruption. Major objectives include 1) the estimation of 2-D velocity profile, to a depth of 10km, in the NE-SW direction across Fuji volcano, and 2) the detection of reflected/scattered waves from the anomalous region beneath the volcano.