

Crustal structure at Hakone volcano

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The seismicity of Hakone volcanic area has been observed by Hot springs research institute of Kanagawa prefecture (HSRI) since 1960. The array of previous seismograms has been substitute in 1989 by new telemeter system. HSRI is monitoring the seismicity to investigate seismic activity and volcanic activity.

Three dimensional seismic velocity structure of crust beneath Hakone volcano is investigated by an inversion of local earthquake data observed at seismic network of HSRI during the priod 1989-1998.