

## A Preliminary Report on February, 1999, Silent Earthquake off Boso Peninsula, Central Japan, as Revealed by GEONET

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This is a preliminary report on synchronous regional surface displacements for a period from February 27 to March 8 of around 5mm to the east at Choshi and 0-5mm in its adjacent area from an analysis of GEONET data. Inverting the displacements, we have obtained a fault model of low angle thrusting to the west along the subduction interface of the Pacific plate with source location 35.8N and 141.4E, depth of upper margin of the fault 35km, fault length 17km, fault width 13km, strike direction N178E, dip angle 8 to the west, rake angle 105, dislocation 34mm and interplate moment  $3.3 \times 10^{17}$  Nm corresponding to that of Mw5.6 seismic event. But resolution is poor.