

Characteristics of active faults obtained from continuous observation

Hiroshi Ishii[1]; Yasuhiro Asai[1]; Harumi Aoki[1]; tsuneeo yamauchi[2]

[1] TRIES; [2] RCSVDM

It is important to investigate behavior of active faults from the viewpoint of earthquake occurrence, earthquake prediction and stress accumulation. We obtained preliminary results about it from continuous strain observation beside active faults. We performed borehole strain observations beside Mozumi-sukenobe fault and NNW fault. Then we have concluded that active faults react by outside action like tectonic stress and show intrinsic behavior, not showing movement expected by outside reaction.

We will investigate further this result by analyzing more data.