

## Extensometer observation at Osawa area on the Yamasaki Fault --The comparison with the fracture zone of the Yasutomi Fault--

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The Yamasaki observation station of FREESIA Project were established in Osawa area, Yamasaki-town, Hyogo-Pref. By the kindness of the NIED, then Science and Technology Agency, we installed 5 displacement sensors in 3 directions in the tunnel and started observation from July, 2000. This observation station is settled in comparatively homogeneous tuff braccia. The observation station is apart 3 km in northeast direction from the east end of the Hijima Fault. This station is located about 20 km northwest from the Yamasaki Fault observation room (Yasutomi-town), where the fracture zone observed by extensometers have been carried out since 1975. We aim to extract characteristic behavior of the fracture zone by comparing both observation facilities.

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