

## Slow slip events around the Bungo channel derived from strain rate change by GPS network

# Fumio Ohya[1]

[1] DPRI, Kyoto Univ.

Slow slip events around the Bungo channel between Shikoku and Kyushu islands in the southwest Japan are derived from strain rate change in the GPS network operated by GSI with the precise detection method. As previously reported, irregularities in time series data are detected on 1997 and 2003. Few seasonal variations are appeared on the lines crossing the channel. I will discuss on characteristics of median time series, source dislocation plane and development process of strain rate change in time and space.