

An estimation of slip distribution at the Median Tectonic Line

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We estimated the fault slip at the Median Tectonic Line (MTL). We used GPS data in Chugoku and Shikoku district from GEONET data. In addition, we use the velocity data obtained by the campaign observation in the eastern Shikoku district. Then we estimate fault slips at the Nankai Trough, MTL, and a block motion of the outer zone simultaneously. Our preliminary result suggests that the outer zone moves right-laterally with the rate of 2-3mm/yr. The slip deficit at MTL in the eastern Shikoku is estimated to be about 2mm/yr.