

Recent strain field in the western Tokai area on the basis of the data of GPS and Borehole strainmeters

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We applied strain analysis for the GPS data in the western region of the Tokai area. Non-stationary displacements were found in GPS networks of GSI in the area since spring 2001. According to our analysis, contraction appears in the southern region of the Aichi prefecture, especially in the Atsumi peninsula, and it is accelerating since January 2001 or so. This change may agree to increase of the non-stationary displacements in the same region, though there are some regions where the strain-rate fluctuates in the above period.