

## Seasonal variations in the continuous observations of the crustal movement

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We have operated some observatories for crustal deformations with extensometer, but these instruments and observation vaults have various characteristics because of long history of installation and configuration of the observation network. In recent years, extensometer records have been used not only for crustal movement research but also for DC-seismology. We intend to improve the accuracy of the observation to the level enough to study recent interested geophysical phenomena. As the second step of quantitatively assessment of each instrument, we will evaluate the seasonal variations and noise level by the common procedure in all available records with extensometers operated by RCEP.(The first step was the report about the tidal constants.)