Japan Geoscience Union Meeting 2015

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SGD21-P01

Room:Convention Hall

Time:May 27 18:15-19:30

Gravity variations and vertical displacements over the Japanese islands

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We are going to analyze satellite gravity data for the Japanese islands and discuss the characteristics of gravity variations in each region. To corroborate our results of gravity analysis, we shall show the comparison results with vertical crustal deformation from GNSS observation.

Keywords: time-variable gravity, vertical displacement, GRACE, GNSS, cryology, hydology