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Room:301B

Time:May 22 10:00-10:15

## Surface deformation in Izu-Oshima detected by InSAR time-series analysis

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InSAR time series analysis is one of the techniques for measuring the time variation of a small grand surface deformation. There are a number of GPS continuous observation stations in Izu-Oshima, where the crustal deformation has been detected in detail. We performed InSAR time series analysis in Izu-Oshima using ALOS/PALSAR data and compared the results with the GPS continuous observation data. The obtained deformation by InSAR time series analysis was basically consistent with the results of GPS.

Keywords: InSAR time-series analysis, Izu-Oshima, ALOS/PALSAR

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