Dc-P002

Room: Poster

Time: June 9 17:30-19:30

Detection of crustal deformation on isolated islands using InSAR -- Izu-Oshima and Miyake

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Making SAR interferograms, precise determination of a baseline between positions of a satellite is very important. It is difficult to determine the baseline for an isolated island using only the island scene data. So it is necessary to use other land data near the island. Using this method, we detected crustal deformation in Izu-Oshima, and the island has been continuously inflating and the caldera has been sinking.