
STT072-P02

Room: Convention Hall

Time: May 27 17:15-18:45

Approach to efficient subsidence investigation by using InSAR

Yu Morishita^{1*}, Akira SUZUKI¹, Tomomi AMAGAI¹

¹GSI of Japan

GSI of Japan has been monitoring the ground subsidence by SAR interferometry. But, because it is sensitive to many kinds of noises, we can detect only great subsidence. To solve this problem, we've tried "stacking", which means summing individual results, and got higher-precision results than individual ones.

We will report its method, results and problem.

Keywords: SAR Interferometry, subsidence, ALOS, leveling