

Research on Small-scale Landslides group in Northern part of Kashiwazaki City

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Many landslides exist in Chuetsu region of Niigata Prefecture. We researched small-scale landslides in the Northern part of Kashiwazaki City using the satellite image analysis and field survey, to understand recent behavior and distribution of landslides in the study area. First, we extracted the distribution and size of these landslides using field survey and airborne LIDAR data. Second, we investigated the movement of landslides using DInSAR analysis of ALOS-2/PALSAR-2.

Keywords: Landslide, Airborne LIDAR Data, DInSAR