

Surface changes of Ganpei landslide in Joetsu region

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In a sliding landslide, surface change is not only an indicator of landslide topography extraction by remote sensing, but also a material for estimating the internal structure and landslide form of the landslide. However, at present, few studies have investigated the time series change of the landslide surface with high temporal resolution.

In this study, UAV aerial photographs and field surveys of the Ganpei landslide located in the eastern part of the Takada Plain, Joetsu City, Niigata Prefecture were conducted periodically to investigate the relationship between changes in surface topography and landslides.

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