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HDS25-P08

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Time:May 20 17:45-18:30

An internal structure of deep-seated gravitational slope deformation in the area from Mt. Okuhotaka to Mt. Nishihotaka

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Deep-Seated Gravitational Slope Deformation (DSGSD) is a premonitory phenomenon getting to landsliding, their process is important to consider the mechanism of hazards. However, there are few chances to observe internal structures of large DSGSDs in Japan, because heavy vegetations and thick weathering rinds cover outcrops in many cases. In this presentation, I will introduce an internal structure of DSGSD being exposed on the area from Mt. Okuhotaka to Mt. Nishihotaka, Northern Alps. I could observe processes related to landsliding with characteristic structures. Now, I do not have detailed hazard history and geologic information in this area, but I think many geologists have useful information, because of popular mountaineering area, so I am expecting further discussing and exchanging information about them in front of my poster.

Keywords: Deep-seated Gravitational Slope Deformation, landslide, mass rock creep, rock fall, Mt.Hotaka

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