

The change of landforms around Hakuba-Daiseikei, the Northern Japanese Alps.

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Shirouma-Daiseikei is one of the three largest snow patches in the Japanese Alps. More than 10,000 climbers pass on the snow patch every year. On the other hand, the rockfall accident at Shirouma-Daiseikei is the largest number of mountaineering accidents except for the slipping down accidents that occurred in 1992 - 2013 in the mountains of Japan. In August 2005, rock slip at the rock wall of Shakushi-dake causes injured two people, and also in August 2008, rock slip at upper part of snow patch causes two climbers sacrificed (Kariya et al. 2008). In this research, we attempted to clarify the topography change around Shirouma-Daiseikei using field survey conducted from 2015 to 2017 and airborne laser data.

Keywords: rockfall, rick slip, snow patch