

Impacts of kurofu ohkuwa debris avalanche event to the landform development (part 3)

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The deposition of the Ohkuwa debris avalanche (OkDA) generated in the Asama-Kurofu volcano about 24,000 years ago variously controls the geologic history in the flowing region. In this report, the eruption history of the geological features description and the Asama volcano admitted with the Agatsuma valley (Yanba dam), the Nakanojo basin, and Fukuya where OkDA flows is arranged, and the influence that the dam construction exerts on the valley geological features is verified.

It is thought that OkDA forms the impermeable layer and the equivalent layer by compressing the stratum of the subordinate position because it came in succession breaking out on the terrace and the slope in the Agatsuma river valley.

The landslide and the slope failure will be caused by constructing the Yanba dam, and the mishap risk of the valley go up.

In the future, it is necessary to investigate the deposition of the debris avalanche in the river that flows in volcanic zone region.

Keywords: Yanba dam, debris avalanche deposit, impermeable layer, land slide, slope disaster, risk