

Detailed topographic survey of valley head in hill by terrestrial laser scanning

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Detailed contour map 0.5 m of a valley head in the Ohmatsuzawa Hills in Miyagi Prefecture, northeast Japan was produced based on the topographic survey by terrestrial laser scanning. As the results, we could make more accurate geomorphic map, and recognize some micro landforms which suggest tiny slope processes and artificial landforms related to human activity such as charcoal burning.

Keywords: hill, head hollow, microtopography, terrestrial laser scanning