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## **Terrains Represented by Topographic Openness, Terrain Exposure and Sky-view Factor**

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As digital elevation models (DEMs) are becoming widely available, the basic calculation of morphometric parameters such as slope and surface relief has been proposed and developed as a system of general geomorphometry to characterize landforms. Recently, DEMs have been effectively used to support interpretation and classification of landforms, and there are still many viable applications using DEMs. In this research, we calculated relatively new morphometric parameters: topographic openness, terrain exposure, sky-view factor from DEMs, and analyzed the variation of these parameters applied to typical landforms selected from the 'Geological Maps of Quaternary Volcanoes (GSJ, 2005)' and the 'Japan Engineering Geomorphologic Classification Map (Wakamatsu et al., 2005)'.