

Application to the landslide areas of the slope gradation map.

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Slope gradation map is the image data, which put emphasis on the geographical characteristics by the edge emphasis filter. In this paper, the application of using this kind of the map made by 'Digital Map 50m Grid (Elevation)' of national wide DEM to landslide areas has been studied. In landslide areas, cliff and steep slope shows dark color, but easy slope and plain shows bright color in slope gradation map. However, because a sampling interval is rough with 50m when 'Digital Map 50m Grid (Elevation)' was used, it was found out that it couldn't be read as for the scale as for the little landslide area of the scale.