

Mass movement analysis using digital image system

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Recently, variable digital image system based on GIS, has been getting popular and progressed much. The expression and analyses of mass movement phenomena, such as landslides and volcanic eruptions, have been also done using the digital image systems accompanied by spreading of LP data etc. In this presentation, I introduce case studies of analyses of the geomorphic phenomena in Hokkaido using such digital technology.

Keywords: GIS, digital image system, mass movement, landslide, volcanic eruption

