

THE APPLICATION OF ANALYTIC HIERARCHY PROCESS FOR LANDSLIDE SUSCEPTIBILITY IN PAC NAM MOUNTAIN, BAC KAN PROVINCE, VIETNAM

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Abstract: Northern mountainous area of Bac Kan province is a high mountain terrain, landslides occur frequently in the area and seriously effect local living conditions. Based on analytical hierarchical process in the heuristic approach, landslide susceptibility mapping have been established for study area. The final landslide susceptibility map of the study area indicates that the extremely low, low, moderate and high landslide susceptibility classes.

Keywords: Landslide, Analytic Hierarchy Process, GIS