

KAJIAN PENATAAN RUANG KAWASAN BENCANA TANAH LONGSOR KABUPATEN KUNINGAN JAWA BARAT

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09/293908/PTK/6373

Telah dipertahankan di depan Dewan Penguji
Pada tanggal 11 Maret 2011

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ABSTRACT

Kuningan district is located in east region of West Java Province, has an area of 1.117,00 km², consist of 32 sub districts and 361 villages. Act No.26/2007 regarding the Spatial Planning stated that spatial planning must considered the region condition related to disaster including the vulnerability. Spatial planning must also be oriented to mitigate the disaster in order to prevent casualties, a top priority on spatial planning.

This research uses Ministry of Public Works Regulation No.22/PRT/M/2007 regarding Spatial Planning of Prone Area of Landslide which is modified and assisted with Geographic Information System (GIS) software. The prone area of landslide that based on hidrogeomorphology in this research divided in to 3 type of zone: Tipology A (>500 m MSL), Tipology B (500-250 m MSL) dan Tipology C (<250 m MSL). Landslide susceptibility levels based on the physical aspects of nature consists of 7 indicators: slope, soil type, geology, rainfall, geohydrology/slope water system, seismicity and vegetation. Landslide susceptibility levels based on human activities consists of 6 indicators: cropping, printing ponds, drainage, building construction, density of homes and mitigation.

The results of this research is a natural physical aspect of vulnerability maps, a human activity aspect of vulnerability maps, a map of landslide potential zones and classification of types of landslide potential zone that is divided into 9 classes in accordance with three types of zones/typology and the level of vulnerability. Zones which have high levels of landslide hazard among others sub district Ciniru, Cilebak, Ciwaru, Karangkencana, Cimahi, Cibereum and Cibingbin. Land movements that have occurred in the Kuningan District is slump and slides. The spatial planning of landslide areas in Kuningan District can be done with identifying potential landslides areas, setting buildings on stable land and the use of landslide prone areas for green open space. Referrals utilization of space at a high level of vulnerability are to conservation areas/should not be built while medium and low level of vulnerability can be built/developed with the terms.

Keywords: *natural physical aspect of vulnerability maps, human activity aspect, map of potential land movement areas, spatial planning.*