

MITIGASI BENCANA ALAM TANAH LONGSOR DI DESA CIBANGKONG KECAMATAN PEKUNCEN KABUPATEN BANYUMAS

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04/228255/PTK/01859

Telah dipertahankan di depan Dewan Penguji
Pada tanggal 27 Agustus 2009

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ABSTRACT

Cibangkong village places at hilly area at North West mount of Slamet. The condition of geology, topography and climate of Cibangkong was landslide prone area. Central government and regional government had efforts to decrease landslide effect to infrastructure and resident in prone area. Clearly of information about geological condition, topographical and climate are needs for disaster mitigation in Cibangkong village.

Research method which has to be done according to the stages of activity as follow, i.e.: secondary data information: topographical map of Grumbul Gandusari (scale 1:25,000), geographical map of Banyumas area (scale 1:100,000), rainfall data; primary data: observe at site, communication with resident, also questioner for residents and village officers will be use to supporting data for decision supporting system which analytical hierarchy process method using subjective index value of criteria and alternative.

Result of this study shows that resident know well about they live at landslide disaster prone area. AHP method results give physical countermeasure as first alternate, relocation of resident as second alternate and landscape prone area as third alternate.

Key words:

landslide, mitigation, decision supporting system.