

**EVALUASI KESESUAIAN LAHAN UNTUK KAWASAN PERMUKIMAN PADA
DAERAH RAWAN GERAKAN MASSA TANAH DESA SELOMARTO KECAMATAN
GIRIWOYO, KABUPATEN WONOGIRI – JAWA TENGAH.**

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ABSTRACT

The number of people continue to grow causing increased development activities in various sector. An increase in the need for land for settlements with limited land is directly proportional , So that many of; houses was founded in dangerous location. Disaster prone area is one of locations that does not conform to settlement Research in the village Selomarto, District Giriwoyo, Wonogiri. The aim of the present study was.: 1) Knowing the suitability of land for settlements in areas prone to soil mass movement Selomarto Rural District of Giriwoyo, Wonogiri, 2) Knowing the characteristics of existing land in the area of research.

Research methods used in the study is the survey method, interviews, overlay, and quantitative analysis with descriptive explanations of each parameter. Land suitability parameters used for settlement on areas prone to mass movements of soil slopes is: insecurity against floods, soil texture, soil thickness, type of soil, weathering of rocks, the power assistance, the rainfall, the vulnerability of ground motion

The results obtained from the calculations and measurements in the field, the research areas included in the category of residential areas with land suitability is not suitable for residential areas with a slope to the settlement area ranges from 8 - 25⁰. One of the factors that led to that the land is not suitable for residential areas are located in areas prone to mass movement of soil or landslides.

Keyword : Suitability of Land, settlements, Land mass movement