

**PEMETAAN KELAS ERODIBILITAS TANAH DI NAGARI
LADANG PANJANG KECAMATAN TIGO NAGARI
KABUPATEN PASAMAN**

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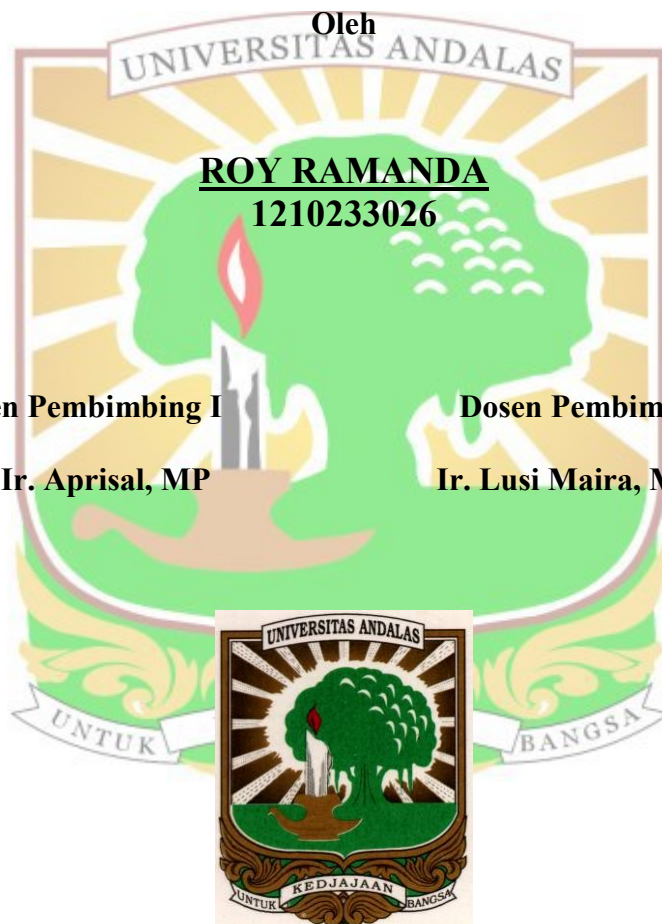
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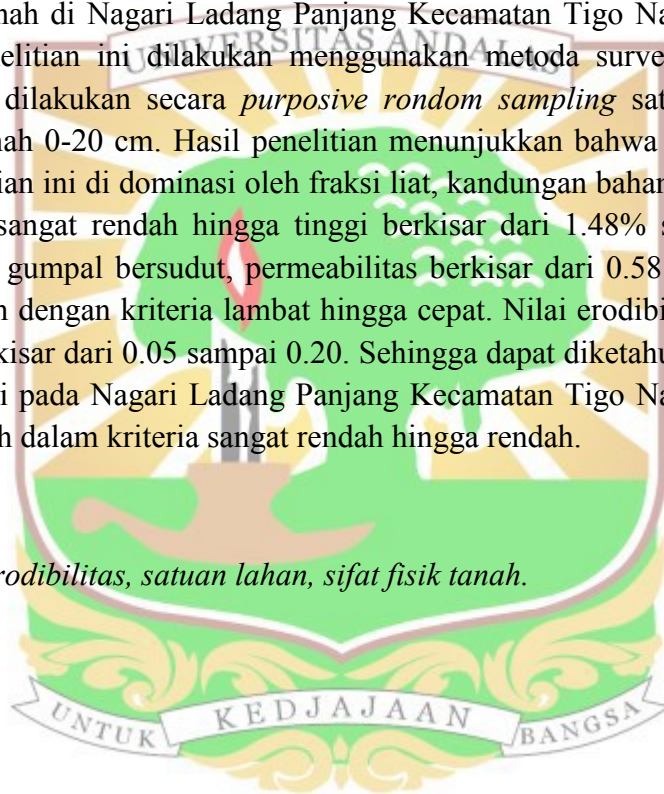
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PEMETAAN KELAS ERODIBILITAS TANAH DI NAGARI LADANG PANJANG KECAMATAN TIGO NAGARI KABUPATEN PASAMAN

Abstrak

Penelitian mengenai tingkat erodibilitas tanah di Nagari Ladang Panjang Kecamatan Tigo Nagari Kabupaten Pasaman telah dilaksanakan dari bulan Juli hingga Desember 2017. Tujuan penelitian ini adalah untuk menghitung nilai erodibilitas tanah pada masing-masing satuan lahan dan memetakan kelas erodibilitas tanah di Nagari Ladang Panjang Kecamatan Tigo Nagari Kabupaten Pasaman. Penelitian ini dilakukan menggunakan metoda survey, Pengambilan sampel tanah dilakukan secara *purposive rindom sampling* satuan lahan pada kedalaman tanah 0-20 cm. Hasil penelitian menunjukkan bahwa tekstur tanah di daerah penelitian ini di dominasi oleh fraksi liat, kandungan bahan organik berada pada kriteria sangat rendah hingga tinggi berkisar dari 1.48% sampai 12.91%, struktur tanah gumpal bersudut, permeabilitas berkisar dari 0.58 cm/jam sampai 112.31 cm/jam dengan kriteria lambat hingga cepat. Nilai erodibilitas tanah yang di peroleh berkisar dari 0.05 sampai 0.20. Sehingga dapat diketahui bahwa tingkat kepekaan erosi pada Nagari Ladang Panjang Kecamatan Tigo Nagari Kabupaten Pasaman masih dalam kriteria sangat rendah hingga rendah.

Kata kunci: Erodibilitas, satuan lahan, sifat fisik tanah.



MAPPING OF LAND ERODIBILITY CLASS IN LADANG PANJANG, TIGO NAGARI PASAMAN DISTRICT

Abstract

A research on soil erodibility in Ladang Panjang Tigo Nagari Sub-district, Pasaman Regency was conducted from July 2017 until December 2017. The purpose of the research was to calculate the soil erodibility value at each unit of land and to map the soil erodibility class in Ladang Panjang Tigo Nagari Pasaman Regency. The research was conducted using survey method, soil sampling was taken based on purposive random sampling. Each unit of land was sampled at 0-20 cm of soil depth. The results showed that the texture of the soil in the study area was dominated by clay fraction, the organic content was in very low to high criterion ranging from 1.48% to 12.91%, soil structure type was angular blocky, permeability ranged from 0.58 cm/h to 112.31 cm/h with slow to very fast criteria. The value of soil erodibility obtained ranged from 0.05 to 0.20. The result of the research was found that the level of sensitivity of erosion in Nagari Ladang Panjang District Tigo Nagari Pasaman Regency was still in very low to low criteria.

Keywords: Erodibility, unit of land, soil physical properties

