

RESEARCH ON THE INFLUENCE OF SOIL PARTICLES SHAPE ON THE RETENTION CAPACITY OF SOILS FROM DANCU STUDY AREA

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Abstract

This paper wants to remarked the impact of the relationship between soil particles characteristics (shape, size and pores surface) and retention capacity (soil suction).

The analized of this relation wishes to observe and to notice any change that may occur in the hydrological regime of soils in researched areas. Checking of the soil particles characteristics was obtained by: a) particle size analysis and b) SEM analysis type. Research the soil suction was accomplished using the sandbox, sand/kaolin box and pressure membrane apparatus.

Key words: water regime, particle size analysis, microscopic analysis
