

EFFECT OF LAND USE CHANGES ON SOIL PROPERTIES IN VINH LONG PROVINCE

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Summary

From the results of the update, revise, supplement soil maps in 2014 and 2002 of Vinh Long province shows the change in land use may alter some of the characteristics of the soil. Entitled "Effect of land use changes on soil properties in Vinh Long province" implemented to assess the role of land use structure change affects the soils of the province. The contents of the topics include statistic and evaluation of the changes in the area of soil and soil type expressions, from the operation of the present analyzed according to found storey living in the moment and 2002 results showed that 06 participants soils increase compared with 2002: Fluvisols group decreased in area 25,944.38 ha but increased 03 type, Gleysols group increased 13,759.87 ha (up 02 types), group Anthrosols increased 12,184.51 ha increases 1 type, Arenosols group did not change in area and type soils, the cause primarily due to changes in the structure of the plant from 2 paddy rice/year to 3 paddy rice/year and perennial plantings. The study results are scientific basis and the basis for the exploitation and use of land for agricultural production, oriented land use planning and land evaluation of Vinh Long province.

Keywords: Change soil group, land use type, Vinh Long.