

Qualitative estimation of the Cojocna-Sic Hills region

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Abstract

The aim of this paper is to present about the situation of soils capability to the soil cover of the Cojocna Sic Hills. For that purpose we have tried to characterize the morphological unit, climate, vegetation and soils cover occurring within in this area. In this framework, on the basis of data of field and laboratory investigations, the soils of this region were analyzed in categories of soils favorability. Six classes of favorability are presented, each class including a varied number of situations. The correlation between soil taxonomic and land site productiveness of this region is also shown.

The arable areas hold the arise weight from the totally agriculture areas were studied, which on 25% belonging II category, 44% in III category, 25% in IV category and 6% in quality category.

Concerning the spatial assessment, we can affirm that, the most of favorable areas for agriculture are on Arieşului everglade, on plane relief units with good and very good supply with nourishing components.

Key words: favorabilities category, pretability, soil resources.