

MORPHOGENETIC CONFIGURATION OF IRRIGATED SOILS OF THE SOKH ALLUVIAL FAN

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ABSTRACT

The article presents data on the formation and morphogenetic configuration of irrigated illuvial, meadow-swamp and meadow-alluvial soils distributed in the upper, middle and lower part of the Sokh alluvial fan. Agricultural-irrigation layer of meadow-swamp soils of new irrigation is characterized by smaller thickness, sometimes thicker than the arable layer (tilth-top soil). Soils are saline, slightly saline and moderately saline. Formation of brushwood and branches was revealed in middle and lower layers of irrigated meadow-swamp soils. Illuvial soils of old irrigation are widespread in the southwest fan. Texture is heavy, medium to light loamy. Slightly saline, occasionally mixed with gravel, subject to moderate to weak washing.

KEYWORDS: *Sokh Alluvial Fan, Illuvial Soils, Meadow-Swamp, Meadow-Alluvial, Medium Loamy, Salinities.*

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