



Environmental issues induced by the sterile dump from Husnicioara district Mehedinți

M. SUSINSKI, Ana Maria DODOCIOIU, R. MOCANU - Universitatea din Craiova

The paper presents the pedological and agrochemical features of the sterile dump Husnicioara, District Mehedinți that has a surface of 190 ha. There are presented the polluting effects of the sterile dump Husnicioara on the environment. The air pollution is done by two ways: by solid suspension emanation; by gas emanation.

The air pollution that is caused by dust emissions, especially due to car transport and conveyer transport is a major problem for the neighborhood villages to mines. The Romanian standard about the quality of the air for dust is 0.5 mg/m³ is overpassed by 10 times near coal deposits, along the way between mine and dump. Next to the emanation sources there were determined emanations of 4.0-5.7 mg/m³, atmospheric powders being overpassed by 8-18 times the MAL (0.5 mg/m³). At 100-150 m distance, the values were under this limit.