



Efectul formațiunilor eroziunii în adâncime, din zona de influență excesivă privind transportul de aluviuni, asupra procesului de colmatare al acumulărilor

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The problem of soil erosion, sedimentation and water quality degradation of dam storage is ominously in the world not only the local area. It requires development of a new global strategy starting with the study of watershed processes and finishing with the draft of land reclamation, exploitation and conservation measures of agricultural lands, of rivers and reservoirs.

Soil erosion has a great impact on the reservoirs by sedimentation. Sedimentation process, can not be stopped but only diminished, and has negative consequences on the normal exploitation. In studied reservoir, these processes are due to deposit of the sediments from Principal River (first source of reservoir supply) and those from hillslopes and watersheds located nearby reservoir affected by surface and gully erosion.

This paper deals with the influence of gully erosion on sedimentation in .Cuibul Vulturilor. and .Pușcaș. reservoirs located in Eastern Romania regarding: level and ratio of sedimentation process, sediment inputs from the nearby areas and the influence of their land reclamation