

Evolution in time of the sedimentation in a reservoir of dam in which is practised the technical of the drawing off; Evolution dans le temps de l'envasement dans une retenue de ...

Authors

B Remini, JM Avenard, A Kettab, ENP Alger

Publication date

1997/12/31

Description

The evolution of deposits to the sediments (drained by the density currents) in reservoirs of dams in Algeria is approached by four initial situations: feeble or strong rate of the filling, gate of the bottom obturated and raising of dyke. The results obtained show that the drawing of to the solid particles by the use of the sluices of draining influence on the progress of the sedimentation in the basin. Into action, in the beginning of the exploitation of dam, the sedimentation perform linearly with time, but as soon as the roof of mud reaches gates threshold, the function of sedimentation takes a polynomial form of second degree.(authors)