

Sediments distribution in dam

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Publication date

1996/3/1

Description

The study managed on dams silting and more exactly on the sediments behaviour and distribution in the dam, allowed us in a first approach to make obvious three ways of silting: silting by density current; silting by cartage of coarse-grained sediments and decantation of fine particulates; silting by recirculating rollers. The experiences made on the physical model of the Beni Amrane dam (Algeria) allowed us to study the distribution of sediments in the reservoir and to justify the third way of silting.(authors). 4 refs., 9 figs., 2 photos.