

# Summary

The sediments from the dredging of an Algerian dam retaining posed many problems related to their future.

Faced with this challenge, the players in sediment management begin to return to possible avenues for recovery.

Orienting our research to see the possibilities of use in self-compacting backfill design. An application will be presented: a contribution to the formulation of this material basis of dredged sediments.

Keywords: sediment, dredging, recovery, self-compacting embankment

