



PROVIACAL[®] application in the construction/stabilization of sediment-based river flood dikes

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Abstract

The needs to build a new dike as well as to renovate the existing one came up in the Czech Republic after the Floods in 2002. The dike construction project has also opened some doors in related areas. One of these is the treatment and reuse of sediments excavated from rivers and lakes. These types of projects can often times be part of an optimized solution for infrastructure and development planners. As rivers are dredged to create extra capacity in the river transport systems, the excavated sediments can then, after treatment with Proviacal, be used in the construction of roads and railway embankments or dikes.

This idea has already been addressed in projects including the Elbe excavation and construction projects taking place around the river.

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