

BANK PROTECTION FOR JAMUNA RIVER IN BANGLADESH



The major rivers in Bangladesh are highly erodible. Jamuna riverbank erosion rate exceeds 1 km/ year in extreme cases.











One commonly applied method of bank protection is the placement of sediment filled bags that slip under the action of river flow and bed erosion to form stable erosion resistant river banks.

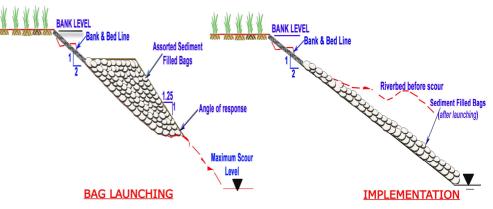




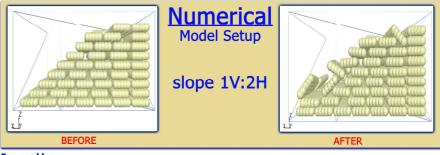
AIM OF THE STUDY

The aim of the study is to develop design quidence for river bank protection using sediment filled bags. This will be achieved by the completion of the following objectives:

- 1. A physical model study on bag movement;
- 2. An assessment of the suitability of an existing EDEM numerical model; and
- 3. A summary report providing practical design guidelines.







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