

Scour Modelling around Pier and Abutment at River bend

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ABSTRACT

The research aims to know the scour around piers and bridge abutment at river bend. The knowledge of the phenomena occurring during the water flow in the area of the bridge supports is very important and crucial to properly assess the current condition and to develop proper maintenance actions. Construction failure of a bridge in the certain is caused by ground structure damaged of bridge. The article presents the effect in variation of flow rate on the depth of scour around pier and abutment bridge at river bend.

Kata Kunci: *Scouring, Pier and Abutment, River bend*