

An Estimating Method for Scouring Apprehended Bridge Piers and the Analysis of the Occurrence Factor

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In order to prevent scouring-related damage under flood condition, bridge pier structures are inspected to judge whether or not repairs or remodeling are required. In this paper, we have created two rating tables for application in estimating method for scouring apprehended bridge piers for inspections. One is for primary extraction as used in general inspections; another is for secondary extraction in detailed inspections of individual bridge piers extracted from the general inspections.