

Investigation the mechanism of the reshaping berm breakwaters

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Abstract

In this research, the mechanisms and various behaviours of reshaping berm breakwaters against waves attack have been investigated. These breakwaters are kinds of rubble mound breakwaters which their profiles reach to and equilibrium state after impinging of design waves. This research has been carried out using laboratory model method in a wave flume. Both regular and irregular waves were used in laboratory tests. The mechanisms and the behavior of currents inside and outside the structure were investigated by injecting dye stuff inside it and taking films.

Keywords: Reshaping berm Breakwaters, Water waves, Laboratory model, Wave flume
