

عنوان مقاله:

REHABILITATION OF EXISTING SEAWALL IN FUJAIRAH TO WITHSTAND CYCLONE CONDITIONS

محل انتشار:

دهمین همایش بین المللی سواحل، بنادر و سازه های دریایی (سال: 1391)

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خلاصه مقاله:

This paper presents the results of studies performed to rehabilitate an existing seawall in Fujairah to withstand cyclone Gonu condition. The existing section has not been designed for the cyclone Gonu condition. A desktop study was implemented to assess the functionality of the existing section by applying the methods recommended in the applicable standards and guidelines. This assessment showed that the existing seawall would be severely damaged and excessively overtopped during the cyclone wave condition. Some measures were implemented for the typical section of the seawall. The proposed improved sections were physical model tested and the results compared with the empirical methods

کلمات کلیدی:

Seawall, Cyclone Gonu, Overtopping, Rehabilitation

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