

عنوان مقاله:

Reducing Siltation in the Tidal Harbors using Current Deflecting Wall

محل انتشار:

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

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خلاصه مقاله:

Sedimentation is a serious problem in harbors located on tidal rivers and estuaries. Large costs of maintenance operations cause numerous studies to find methods to prevent entering finesediments into the harbor basins. One of the most important phenomena which cause the sediment particles moves into the harbor area is the density differences at the entrance of harbor. Current deflecting wall (CDW) is one of the efficient methods which control the number ofsediment particles enter into the harbor and consequently decrease sedimentation inside the protected area. In this research, the effect of the CDW on reducing siltation in tidal harbors is studied using a 3D numerical model

کلمات کلیدی:

Harbor, sediment, current deflecting wall, tide

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