

عنوان مقاله:

ON ASSESSMENT OF LITTORAL DRIFT AND COASTLINE EVOLUTION MODELS CASE STUDY: THE PORT OF CHAMKHALEH

محل انتشار:

سیزدهمین همایش بین المللی سواحل، بنادر و سازه های دریایی (سال: 1397)

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خلاصه مقاله:

Along the southern coast of Caspian Sea, the port of Chamkhaleh is located east of Kiashahr port where coastline direction changes from relatively easternwesternto northern-southern direction. As seen in Figure 1, two rivers flow into the basin so that southern river has high concentration of suspended sediment while northernriver discharge is much more than that. Building the port at the rivers' mouth leads to a calm area causes to settle much more sediment in the basin so that the basinbecomes shallower. This is what currently happens in the port of Chamkhaleh. In the north-western of the port, alongshore sediment transport results in sedimentation so that sediments bypass the breakwater and affect port entrance. Thus, the greatest problem in this port is sedimentation. This sedimentation is because of alongshore sedimenttransport as well as sediment coming from rivers. However, in this paper considers littoral transport and coastline changes using mathematical models as well asassessing and comparing these models .to each other and hydrographic surveys and evidence of coastline changes by satellite images as well

کلمات کلیدی:

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