عنوان مقاله:

ESIMATION OF CHABAHAR BAY FLUSHING TIME BY A TWO DIMENSIONAL HYDRODYNAMIC MODEL

محل انتشار:

دوازدهمین همایش بین المللی سواحل، بنادر و سازه های دریایی (سال: 1395)

تعداد صفحات اصل مقاله: 2

نویسنده:

Morteza Zanganeh - *Department of technical engineering , Golestan University, Gorgan, Iran*

خلاصه مقاله:

Estimation of flushing time or turnover time is an essential issue in design of coastal infrastructures in enclosed water bodies. This subject is highlighted more in restricted water bodies for the layout of outfall systems of desalination factories or design of artificial islands for recreational activities. One of the most important bays in Iran is Chabahar bay where recently many economical activists have decided to invest at it. Due to the important role of Chabahar Bay in the region, many marine projects were constructed in this bay. In addition, one of the largest marine projects of the country, i.e. Shahid Beheshti Port Complex located at the east end of the bay. Therefore, the bay must be under a comprehensive monitoring and modeling study including an extensive field measurement program. Most of these investments at this area go back either to the petrochemical activities or power plant systems which may increase the potential damage for pollution of this environmentally sensitive area. So, it is advantageous to develop a model to estimate the flushing time for the semi-enclosed coastal embayment in order to estimate their flushing capability.

کلمات کلیدی: