

## عنوان مقاله:

Modeling of accelerated coastal erosion in the vicinity of the Amirabad Port due to newly constructed updrift structures

## محل انتشار:

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تعداد صفحات اصل مقاله: 8

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## خلاصه مقاله:

This paper describes the coastal shoreline modeling study performed, using a One-line type of model, for the Iranian Ports and Shipping Organization (PSO), to investigate the causes and alternative remedies to counter the increasingly rapid coastal erosion experienced nearby the Amirabad Commercial Port, located by the south-eastern shores of the Caspian Sea. Through this pilot project, it is intended to bolster the application of this kind of models in Iran when planning new coastal and ports structures with the aim of investigating and mitigating the repercussions on adjacent sites. The modeling results demonstrate that the up-drift coastal structures indeed block the littoral drift causing increased erosion down-drift, westwards of the Amirabad Port which was remedied by design of a long-shore coastal protection after modeling various coastal protection scenarios.

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/9288>

