

## عنوان مقاله:

EXPERIMENTS ON SCOUR AROUND SUBMARINE PIPES AND STUDY OF KC NUMBER UNDER SOLITARY WAVES

## محل انتشار:

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

تعداد صفحات اصل مقاله: 2

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## خلاصه مقاله:

Pipelines are a very opportune means to transport oil, gas, water, waste water or other hydrocarbons from the sea bed or river crossing is current in water environments. Pipelines are widely used coastal structures, and scour around them can influence their stability. Pipelines installed on sandy sea beds in coastal areas are exposed to wave and current action. Sumer and Fredsøe [3] demonstrated that the relative scour depth,  $S/D$ , is remarkably well correlated with the Keulegan–Carpenter (KC) number. The scour increases with increasing KC number.  $S/D$  can be expressed in terms of the KC number as follows

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/822037>

