



## ***Predicting some of morphology properties of Noor coast by using falling speed of sediment seeds***

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**Keywords:** *Falling speed of sediment seeds, Morphology, The texture of sediment, Seeds.*

### ***1- Abstract***

*One method for evaluating the change of shoreline is the balance of sediment pile and its nature position [1]. Sediment cause to increase drought (Continental shelf); their results can be determined by checking coast profile [2]. For Predicting the occurance of erosion or depositing at the beach and the formation of changes across the beach , some researches hare been implerrented the more widespread and common parameters used in this case is falling speed without dimension of falling speed ; this parameter is considered as a technique for predicting the kind of morphology [3]. This article determins the morphologic properties of noor beach located in north part of Caspian Sea by using physical properties of waves and wide and their results in the beach have been used for determination of the morphologic properties. Also, by determining sediment seeds 50 d of the zone and pracing them in the formula of falling speed of sediment seed, these values have been determined. By using these values, the parameter without measured falling speed dimension and then the kind of the beach morphology of noor have been stated.*

### ***2- Methods***

#### ***2.1 – Sampling of sediment of the zone***

*In this research, two stations have been chosen along zone, and a few sampling have been implemented. In each station bcatral Along coast creates a wide cut which is vertical on the beach and in this direction grap sampler has been implemented from definite depth of( 2,15,1,0.5,0.25,0). In this research sampling was implemented so that*