# Study of effective climatology indices on attending Avicennia marina forest in coastline of Hormozgan provinc

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**Abstract**

*Avicennia marina* is one of the most important mangrove species that developing in the southern muddy coastline of Iran. These forests are one of the highly productive costal ecosystems in the world. However, in recent years they have been threatened by human activities and natural events. Exito-conservation with aim of recognizing suitable zones for developing *A.marina* forest is the one way to management them. An environmental general assessment needs to find the model of suitable area for developing *A.marina* forest. Surveys showed that one of the important environmental parameter on establishing *A.marina* forest is climatology parameters. The aim of this paper is identification climatology condition of coastline of Hormozgan province as biggest area of natural *A. marina* forest and comparing with other *A. marina* forest in the world .Cluster analysis is also used to classification coastal stations and conclusion showed that Minab station is milestone of climatological changes.

**Key words:** *Avicennia marina* forest, Climatology parameters, Hormozgan province, Cluster analysis