

# **The criteria for introducing the appropriate places studied and the type of cages proposed for the Caspian Sea fields**

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## **Abstract**

This paper examines the main criteria for sustainable aquaculture, such as the selection of a suitable site for fish farming in the cage, how to select areas and marine sites based on aquaculture standards and the area considered, further environmental standards such as Physical, chemical and biological factors are described. One of the important issues in sustainable aquaculture is the attention to the climate of the point at sea, which is how the importance of the factor of climate, depth of water and sediment is expressed. In this regard, the social and economic conditions of the project should also be taken into account; the manner in which marine fish is raised is also of particular importance. Environmental pressures should not be overlooked in choosing the right crop for breeding. Given the location of the marine environment project, adequate knowledge of the predators and attacker's aquaculture and how to deal with their negative impacts on production seems necessary. All of the above mentioned environmental effects are related to the construction of sites that are among the most important criteria in the world. So, their impact on fish and the environment around the cages is also examined.

**Keywords:** Fish culture, marine cages, criteria and rules, site selection