

# **Cultivation of fish in cage with an emphasis on the analysis of site selection criteria and environmental indicators**

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## **Abstract**

Cultivation of fish and other aquatic animals in the cage has been considered as one of the most important and potential capacities of aquaculture development in the country during the last two decades. Due to the general and climatic conditions of the country, there are some natural and man-made infrastructure, continues to be one of the most important and undisputed strengths of development. cage culture, like other forms of aquaculture, is used to rearing aquatic organisms to produce and supply human animal protein in a type, extensive, semi-intensive, intensive and super-intensive. The most important benefit of cage culture is the use of natural water resources, which can help people in the community without access to fish for rearing. Places suitable for deploying fish cages play an important role in the development of aquaculture and investment success. In this study, the criteria for choosing the location and the environmental factors needed for breeding in the cage culture are discussed.

**Keywords:** Aquaculture, site selection, environment, cage culture