

Economic and Social Evaluation of Fish Breeding in Cages in Mazandaran Province

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The Caspian Sea with a coastline of 250 km from a depth of 20 to 100 m and 2027 km² has the cage aquaculture capacity. The purpose of this research was to evaluate the economic and social development of fish cage culture in the southern Caspian Sea on the coast of Mazandaran province. Therefore, considering the potential of the aforementioned region in the coastal zone of the Caspian Sea, at least 200 fish farming sites can be constructed with the establishment of 40 cages per site, producing 160,000 tons, and the creation of employment of 1,000 direct workers and 2000 indirect workers and 2000 billions income per year and an average net profit of 40% can be expected to be 800 billion rials, which, producing part of the country's protein requirement, will create jobs, prosperity, prosperity and prosperity of the region's economy.

Keywords: cage culture, assessment of economic and social activity, *Oncorhynchus mykiss*, Caspian Sea