

Effects of fish cage culture on the release of nitrogen in the environment

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Abstract

Today, aquaculture activities, which provide an essential part of human need for protein, are expanding in the world. Iran also tend to mariculture is rising. Aquaculture activities cause the release of various materials in nature. Marine fish culture in cages also have similar effects on the aquatic environment are created around the cage or beaches. One of the important activities such release of nitrogen in the water

column. Due to the location, species and management of farming, release of nitrogen in the water is different. Sometimes the same species also have different effects from the release of nitrogen in the water. Monitoring and managing the release of nitrogen in the water is one of the important activities cage aquaculture is to have sustainable production and low risk. In this paper some effects of mariculture in different areas and the release of nitrogen in the environment will be mentioned.

Keyword: Fish cage culture, nitrogen, effects, environment.