

Study on Environmental pollutions in the Southern of Caspian Sea in order to Marine Aquaculture industry

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Abstract

Increasing the recent industrial and petroleum activities of the marginal countries could bring serious ecological and environmental damage to the sea. Therefore, aquaculture development should be accompanied by consideration of ecological issues and anthropogenic sources.

The results of various researches in the southern Caspian Sea region indicated that the trend of petroleum compounds and metal elements (essential and non-essential metals of water) even in sedimentary environments, the concentration of these compounds in the western region has been multiplied by the central and eastern parts. Also, the results of some studies showed that the amount of pesticides in sediments is directly related to their amount in water, in other words, the maximum average of these compounds is in different regions and in the central area, they are more than eastern and western. So, fish farming activities in different areas with this type of pollutant will be taken with more precautionary approach.

Keywords: Environmental pollutions, Marine Aquaculture industry, Caspian Sea