

Investigation environmental pollutants (heavy metals) in fish culture in cages

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Abstract

Today, aquaculture development has been an important strategy in supplying protein sources, and in the meantime, fish farming in cages has had a particular upheaval during the last few decades. In this research, which was carried out in the southern part of the Caspian Sea, iron, zinc, copper, chromium, nickel, cadmium, manganese, lead and mercury in overshadowed water were studied. The results showed that there was no significant difference between heavy metals of different stations in water samples. However, it is necessary that management of fish farming in cages be cautious and careful.

Keywords: Fish Culture, Cage, heavy metals