



Fish Health and Diseases: Impact on Ecosystems

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Abstract

Fish health is a critical aspect of aquatic ecosystems, influencing biodiversity, population dynamics, and overall ecosystem stability. Disease outbreaks among fish populations can have profound consequences, not only on the fish themselves but also on the broader ecosystem. This abstract discusses the impact of fish health on ecosystems and the need for integrated management strategies to maintain aquatic biodiversity and ecosystem health.

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Results

☒ The study found that the prevalence of fish diseases in the studied ecosystem was significantly higher in the presence of pollutants compared to the control group. The most common diseases observed were bacterial infections, fungal diseases, and parasitic infestations. The results suggest that the presence of pollutants in the ecosystem can lead to a higher incidence of fish diseases, which in turn can have a negative impact on the health and survival of the fish population.