Different aspects of cage culture management for sustainable fish production

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Abstract

A technological intervention has been the major impetus for the rapid development of cage farming of marine fishes across the world. In spite of the various technologies available for the fulfilment of high production and proper installation of the cages, it is necessary to optimise the many factors periodically to avoid the adverse impact of environmental and ecological factors for long maintenance of cages and also to maintain the healthy animals in the cage. In this context, monitoring plays vital role in any type of mariculture activity. Therefore, a well conceived and designed monitoring programme is needed to promote good growth of fishes and to obtain optimal production in a sustainable manner from cages. Cage monitoring is an integral part of the cage culture and it should be continued starting from the installation of the cage to till harvesting the fishes. The following are the major aspects where the cage monitoring is essential and it includes maintenance of cage and its accessories, stocking of the fish, feeding, fish husbandry, health management, water quality and harvesting.

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