FISH ATTRACTING DEVICE

A Project Study Report

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ABSTRACT

Fishing is important to the Philippine industry. The people of the country are highly dependent in this livelihood. According to the statistics, there are about 1.6 million Filipinos who are part of the country's fishing industry. 85% of those are comprised by municipal fisheries sector, followed by aquaculture which comprises the 14% and 1% are from commercial fishing. In recent years, there is a noticeable trending decline on the production of fish in the country and municipal fishermen is most affected by this trend as time goes on. This study aimed to develop a device which attracts fish by using the study of sound waves and LED lights. This device is sought to decrease the wait-time and indicate if there are fishes around. This can be used by municipal fisheries sector as well as recreational fishers and also by aquaculture sector. This device revolves around the principles of sound wave which is produced by multi-vibrators, and principles of light. The device exhibited great results and performed according to its specifications. The general and specific objectives were met and the overall system showed normal operation and the data gathered also conformed the design criteria.