# REVIEW: SMART AQUACULTURE FARM MANAGEMENT USING ARTIFICIAL INTELLIGENCE

## Mina M. Aljuboury & Bahaa Abd Ulameer Hadi Alsherify

*Mussaib Technical Institute, Al-Furat Al-Awsat Technical University, Babylon, Iraq*

## ABSTRACT

*This article discusses clever fish constructions. The purpose of this essay is to demonstrate how complicated technology and temporal technology can be useful in this context, namely the usage of general intelligence (AI) in fish farming. AI mimics some of the talents of the human mind through artificial neural networks (ANN) to conduct positive responsibilities in modern aquaculture, assessing the notion of smart fishing, AI and fishing activities, size or biomass estimation, and water quality. prediction, clever analysis. The fish freshness quality assessment system employs artificial neural networks, remote monitoring, and a variety of sensors, among other programs. Fuel sensors are frequently used in environmental monitoring of vehicle business outputs, disaster avoidance, and other polluting sectors. Today's world has a fantastic There is a desire for tiny, adaptable, and cheaply priced gasoline video display systems. Provide the statistics to the fish farming supervisor via any remote platform, including the internet or a mobile device. However, due to the high quality robustness of the Arduino platform and the use of different extendable modules, the current machine can be accelerated by using a variety of modems.*

**KEYWORDS:** *ANN- Monitoring Fish Stock – Sensors-AI- Biomass Estimation*