

## **Economics of Cultured *Clarias gariepinus* in Earthen Ponds and Concrete Tanks in Ogun State, South West Nigeria**

Tosan Fregene\*, Taiwo Ayansanwo\*\*

\* Department of Wildlife and Fisheries Management, Nigeria

\*\*University of Ibadan

### **Abstract**

Recent trends reveal that fish rearing has become popular in Ogun State with the influx of new entrants into fish farming due to increasing demand for fish and fish products as well as an increase in awareness of relevant technologies. The need to study yield and revenue of fish cultured in dug-out fish ponds and fish tanks has become crucial for food security and sustainability of fish enclosures for fish production. The study was aimed at identify factors influencing the yield and revenue of *Clarias gariepinus* in two different fish enclosures (dugout and fish tanks). A three stage sampling technique was used to select 240 fish farmers located in the four Agricultural Development Programme (ADP) zones in Ogun State, Nigeria. Primary data collected through the questionnaire were analyzed by means of descriptive and multiple regressions statistics. Result show that 47.1% and 39.6% fish farmers adopted fish tanks and dug-out fish ponds respectively, while 13.3% adopted both on their farms.