

CHAPTER THREE

3.0 RESEARCH METHODOLOGY

3.1 THE STUDY AREA

The study will be conducted in Asa Local Government Area of kwara state Nigeria.

Kwara State is made up of 16 local government areas (LGAs) covering about 32,500km with a total land size of 3,682,500 hectares, According to (Olayemi et al 2011).

Kwara state is one of the states in North Central Political Zone of Nigeria. It is situated between

parallels 8° and 10° north latitudes and 3° and 6° east longitudes covering an area of about 32,500 Sq/Km(KSMANR, 2010).

3.2 THE POPULATION OF THE STUDY

The population of the study will be the fish farmers in Asa local government area of kwara State.

3.3 THE SAMPLING PROCEDURE AND SAMPLE SIZE

The study will employ multi-stage sampling procedure to select the respondents.

The first stage involve the selection of Asa Local Government Area due to high concentration of fish farmers in the study area.

The second stage involved the random selection of four communities in the stated local government area.

The third stage involved the random selection of 30 respondents each from each selected communities to make up a sample size of 120 respondents

3.4 THE METHOD OF DATA ANALYSIS

The method of data analysis will include the use of descriptive analysis to analyze objective 1 and 4, budgetary analysis will be used to analyze objective 2,OLS regression analysis will be used to analyze objective 3.