

NANVYAP, Jacob Nansel

ABSTRACT

Floods have affected several communities in Mokwa local government over the years. This study was intended to identify some flood prone locations, establish the impacts of floods and suggest mitigation measures. Field work was carried out and questionnaires were administered. Flood prone areas were also identified using Global Positioning system (GPS). Results obtained showed that the people of Gbajibo, Rabba and Jebba are 51.5% farmers and 28% fishermen who depend on their natural environment for sustenance, particularly the river Niger. 10% were government employees while 10.5% were students. According to 41.5% of the respondents flooding in the area is caused by releases from the Kainji dam while 30.5% of the respondents said it is caused by heavy rainfall. 13.5% of respondents believed it was as a result of dumping refuse in water ways while 14.5% of respondents attributed it to building of houses on flood plains. The Pearson product moment correlation coefficient was 0.69 implying that over time releases from the Kainji dam can cause flooding. The research recommended among other things, the establishment of a local emergency management agency and the relocation of the people from flood prone areas. The study also recommended organizing farmers into groups that will enable them obtain micro finance and diversify their farming practices.