## World Academy of Science, Engineering and Technology International Journal of Agricultural and Biosystems Engineering Vol:14, No:02, 2020

## Categorization of Cattle Farmers Based on Market Participation in Adamawa State, Nigeria

Authors: Mohammed Ibrahim Girei

**Abstract :** Adamawa state is one the major producers of both crop and animals in Nigeria. Agricultural production serves as the major means livelihood of the people in the state. However, the agricultural activities of the farmers in the state are at subsistence level. However integration of these small scale farmers in local, national and international market is paramount importance. The paper was designed to categorize farmers based on market participation among the cattle farmers in Adamawa state, Nigeria. The multistage sampling procedure was employed. To achieve this procedure, structured questionnaires were used to collect data from 400 respondents. The data were analyzed using the descriptive statistics. The result revealed that the majority of market participants were net sellers (78.51 %) (Sales greater than purchase), net buyers were (purchase greater than sales) 12.95 % and only 9% were autarkic (sales equal purchase). The study recommends that Government should provide more effective security services in cattle farming communities, which is very important as the market participants in the study area were net sellers (producers), it will help in addressing the problem of cattle rustling and promote more investment in cattle industry. There is a need to establish a standard cattle market, veterinary services and grazing reserves in the area so that to facilitate the cattle production and marketing system in the area and to meet up with the challenging of livestock development as a result of rapid human population growth in developing countries like Nigeria.

**Keywords:** categories, cattle, farmers, market, participation

Conference Title: ICAAS 2020: International Conference on Agriculture and Animal Science

**Conference Location :** London, United Kingdom **Conference Dates :** February 13-14, 2020