

Socioeconomic Benefits in Agroforestry Practices by Rural Community: Case Study in Paitan District, Sabah, Malaysia

Authors : J. Kodoh, H. L. Dumil, M. Maid

Abstract : Agroforestry system has been widely documented that provide benefits to rural livelihoods and improved socioeconomic status. This study concerns on agroforestry practices in generating local socioeconomic livelihoods. The general approach is to survey local community involvement in the agroforestry activities at four selected rural villages in Paitan district, using a structured questionnaire through personal interview technique. A total of 200 respondents were interviewed where the largest age group of the respondents was more than 50 years old (31%). Almost all respondents had former education (76%), and majority of them were employed (97%) either in the government and private sectors or self-employed. All respondents (100%) were involved in agroforestry activities where agroforestry products as their source of income (*Hevea brasiliensis*, *Durio zibethinus*, *Elaeis guinensis*) and foods (*Manihot esculenta*, *Mangifera* sp., *Musa* sp.) The mean monthly income from selling agroforestry products contributed 16.6% (USD130.37) of the mean total monthly income of the respondents ($r=0.407$, $r^2=0.166$, $p < 0.01$). This study also showed that the main driven factor for the respondents (93%) to adopt and sustain the agroforestry practices is their traditional ways of farming that transferred from generation to generation.

Keywords : agroforestry, Paitan district, rural community, socioeconomic

Conference Title : ICA 2017 : International Conference on Agroforestry

Conference Location : Sydney, Australia

Conference Dates : December 04-05, 2017