World Academy of Science, Engineering and Technology International Journal of Agricultural and Biosystems Engineering Vol:9, No:06, 2015

## Comparative Evaluation of Equity Indicators in the Matikiw Community-Based Forest Management Project in Pakil, Laguna and the Minayutan and Bacong Sigsigan Community-Based Forest Management Project in Famy, Laguna

**Authors:** Katherine Arquio

**Abstract :** Community-based Forest Management (CBFM) is one of the integrative programs that slowly turned the course of forest management from traditional corporate to community-based practice resulting to people empowerment. As such, one of its goals is to promote socio-economic welfare among the people in the community in which social equity is included. This study aims to look at the equity aspect of the program, particularly if there are equity differences between two CBFM sites- Matikiw in Pakil, Laguna and Minayutan and Bacong Sigsigan in Famy, Laguna. Equity indicators were identified first, since these will be the basis of the questions that will be asked on the survey, after this, the survey proper was conducted, and finally, the analysis. Two tailed t-test was used as statistical tool since the difference between the two sites is the focus of the study. Statistical analysis was done through the use of STATA program, a statistical software. There were 32 indicators identified and results showed that, out of these indicators, only 13 were found significantly different between the two. The 13 indicators were significantly observed only in Matikiw; the other 19 indicators were commonly observed in both areas and are conducive as equity indicators for the CBFM program.

Keywords: social equity, CBFM, social forestry, equity indicators

Conference Title: ICSAEF 2015: International Conference on Sustainable Agriculture, Environment and Forestry

Conference Location: London, United Kingdom

Conference Dates: June 28-29, 2015