

**PERMANANET SAMPLING PLOT
MONITORING UPDATE
ULU SEGAMA-MALUA SUSTAINABLE FOREST MANAGEMENT PROJECT
IN 2012**

The monitoring of Permanent Sampling Plot (PSP) of silviculture treatment in 2012 had covered only 4 plots compare to 6 plots in the previous year. The major factor that causes obstruction of monitoring works is accessibility, whereby most of forest roads and culverts were deteriorated and collapsed due to heavy rain.

The PSP plots were established in circular shape of 15 m radius, whereby all standing trees above 10 cm diameter breast height are measured. Based on the recent monitoring data over 4 plots which established in 2010 and 2012, the mean of annual diameter increment is 1.22 cm (regardless of species). The lowest mean annual increment is 0.62 cm and the highest is 2.15 cm, respectively.

Treatment is focused on silviculture tending by cutting the climbers vegetation, such as climbing bamboo (*Dinochloa* spp.) and other woody veins using manual method and no chemicals were applied.

Summary of PSP Monitoring in 2012 within silviculture treatment area

No.	Plot #	Compartment	Year of Establishment	Average diameter increment 2012 (Cm)
1.	PSP 4-A2	248	2010	0.94
2.	PSP 5-A2	257	2010	1.18
3.	PSP 3-A1	257	2010	2.15
4.	PSP 1-A2	220	2009	0.62
Mean annual diameter increment (cm)				1.22