

1. How to treat activities other than deforestation in MRV where monitoring is more complicated and capacity gaps are larger
 - a. Degradation, sfm, conservation, enhancements
 - b. Include links to other drivers

Main Ideas

Treatment of activities other than deforestation is problematic due to problems of current reporting capabilities [e.g. statistics] v. detectability and monitoring capability [e.g. where is what??] v. payment [e.g. different amounts for different activities?]

Question: Can a country claim for the 5 activities together?

Degradation is more complicated than deforestation, generally

Conservation should not be duplicated with SFM and avoided deforestation

If intact forest doesn't absorb any carbon...is there payment?

Yes, for maintenance...but at a low price

...and will be measured against the RL

Can a country claim both stock conservation and avoided deforestation?

If a country can clearly show where this is occurring??

Recommendation:

propose a mechanism for calculating RL and measure and verify... in countries where deforestation is low and forest density is already high

Recommendation:

Should be a different credit for each activity...[more here?]

Recommendation:

UNFCCC (or IPCC) ask for submissions on ideas for RL or good practice guidance on determining RL

Question:

What does conservation mean? Is it conservation of stocks? Or of area? Is stock maintained? Increasing? Decreasing?

Current answer:

1 stock measurement + monitoring activity (Herold et al., 2009?) Others: SFM, c-enhancement...must use one of the IPCC changes in stock methods

If one thinks stock is increasing [e.g. being enhanced], then the activity is changed and accounted for appropriately...

Question:

Is the area of the activity absolutely necessary to use the gain-loss approach for SFM, enhancement or degradation?

Ex. Logging...can derive the area managed if one knows the extraction rate...

Recommendation:

Revision of the guidelines should say more clearly that a spatial identification of each area under activity is required

Recommendation:

Need to assign areas to activities

Via loss-gain approach

Conservation and avoided deforestation = no change in stock (but periodic re-measurement...so somebody can get paid for something!!)

Loss > gain = degradation

Loss < gain = enhancement

Loss = gain = SFM

Recommendation (continued):

[principles of measurement are similar for all activities...]

BUT countries must decide which areas are under each

Recommendation:

Can use proxies for degradation (e.g. as in the matrix) and the gain-loss per hectare...

Determine areas of planned and unplanned degradation [e.g. areas where decreases are part of SFM]

Main Point:

THEN...how do we monitor the drivers of these things that are not deforestation? [e.g. understory fire, grazing under canopy, etc]

Recommendation:

Where deforestation and degradation events are pronounced enough...RS. Otherwise proxies...how much fuelwood does one family use * how many families, grazing...how much does a cow eat * how many cows

Random stuff...

Related to Drivers

Driver = policy to increase mining...

Effect = mining OR

Effect = deforestation due to mining

See Lambin for explanations...

CLUE model (from Wageningen, by the way) really tries to include drivers to calculate the actual amount of deforestation