

Key Messages

Result-based payment requires reliable estimate of forest carbon stock change.

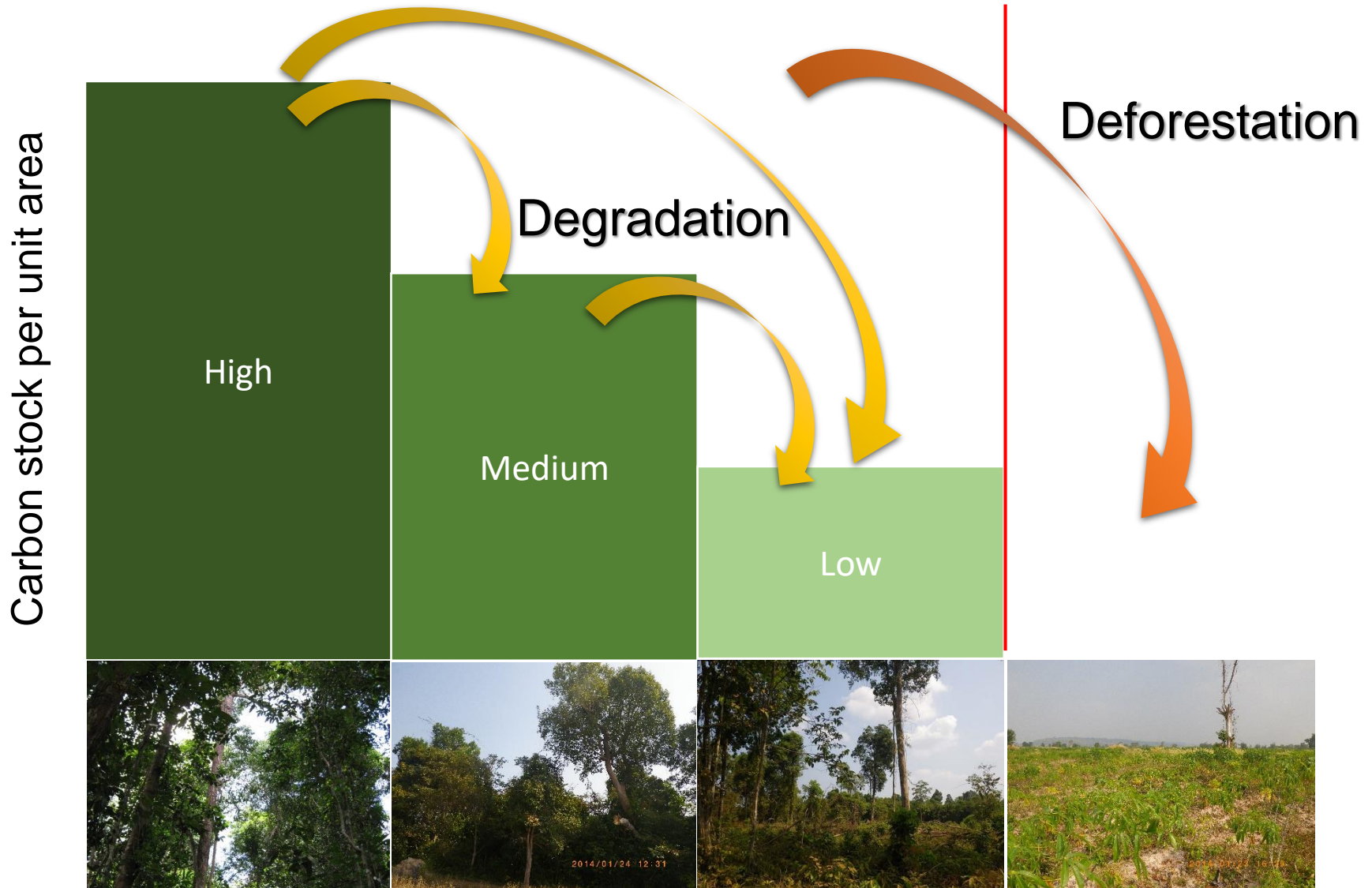
REDD+ includes not only deforestation but also forest degradation, conservation, sustainable management and enhancement.

How to obtain emission factor (= forest carbon stock per unit area) ?

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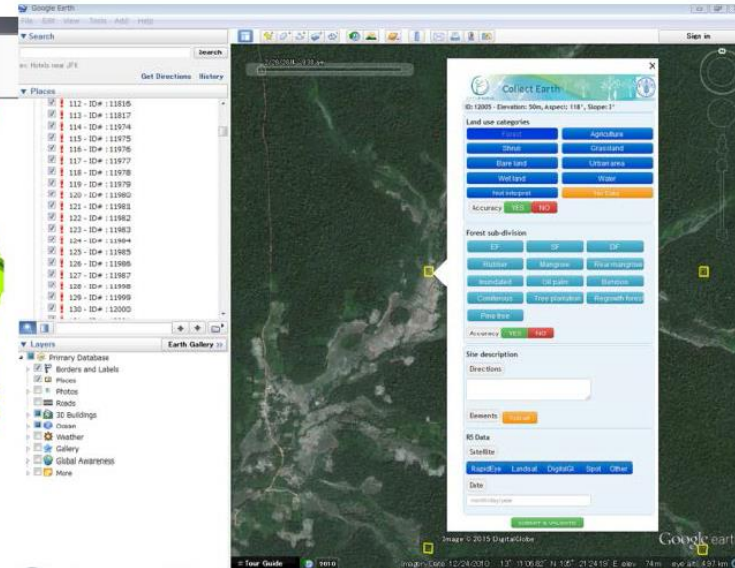
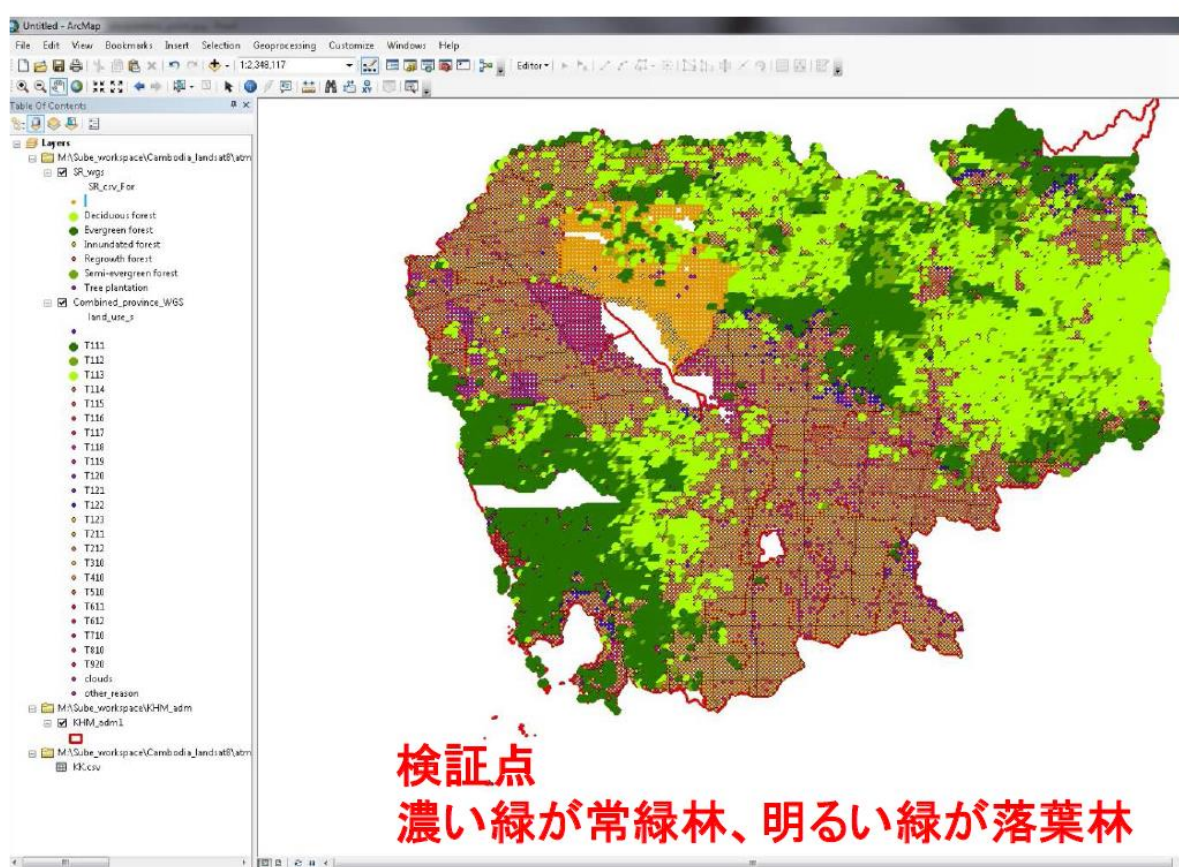
Idea of forest degradation



Two-step GT data collection

1st step: Interpretation of Google Earth Image at 3km-interval grids on screen

2nd step: Field confirmation of land cover type and biomass estimation with plotless sampling



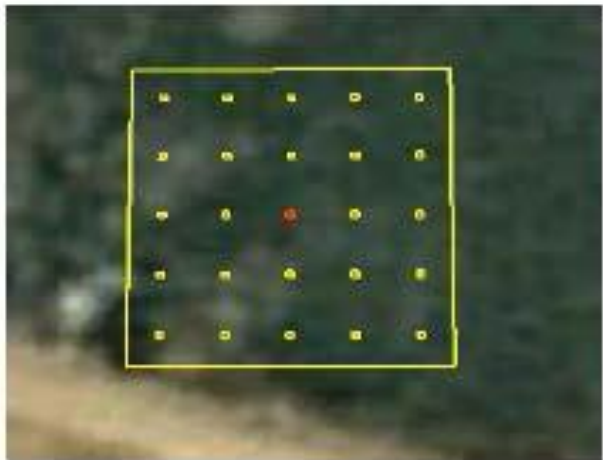
Correction of Interpretation



Grassland 1/9/2014



Crop land 9/3/2015

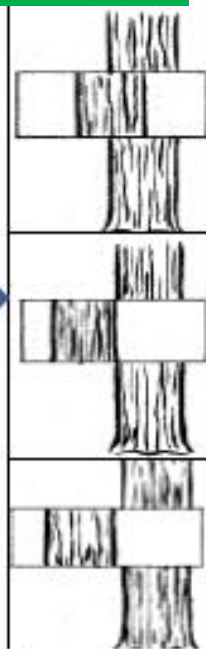
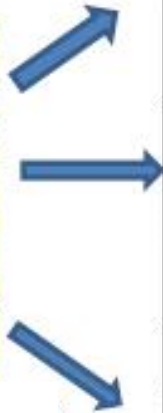


Shrub land No date



Crop land 7/3/2015

Plotless sampling and database creation



N	Location	Date	Plot ID	UTM				Interpretation		Altitude	Photos Direction				Google Earth
				X	Y	Lon	Lat	Google Earth	Field Chick		North	East	South	West	
1	Pursat	22-12-2015	16841	423000	1E+06	2° 30' 34	04° 17' 29	Fr	Hc	12m					
2	Pursat	22-12-2015	16840	419999	1E+06	2° 30' 34	04° 15' 49	Fr	Ws	14m					
3	Pursat	22-12-2015	16837	410999	1E+06	2° 30' 33	04° 10' 51	Ws	Fr	17m					
4	Pursat	23-12-2015	17216	377999	1E+06	2° 27' 14	03° 52' 39	Ws	D	28m					

Conclusion

Executable treatment of degradation is required in reference setting.

Verification of the result is a very important component to obtain reliable result.

