

The IFL Method - Conclusion

Opportunities

- IFL method is ready to use
- IFLs are strongly associated with permanence, biodiversity, indigenous peoples
- IFLs allow countries to make MRV-able commitments in early phases of implementation
- · Integrate in emerging "REDO-Plus" mechanism

Recommendations

- Maintain consistency within study area
- Consider adding classes of alteration/fragmentation
- · Integrate in FRA (global and/or national assessments)
- Integrate in "REDO-Plus"
- CBD?
- · Support additional development and assessment work

Definition

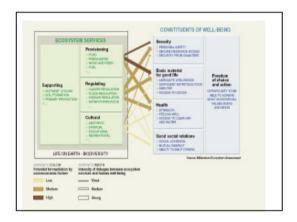
- Reduction of the capacity of a forest to provide goods and service
- Agreed that the definition was sufficient and no need to refine

Key issues / conclusions

- · Degradation is location-specific
- Degradation is scale dependent (spatial and temporal)
- Degradation is both a state and a process (thresholds)
- Obvious need for flexibility but also need for some indicators that permit cross site comparability

Categories of ecosystem function

- Carbon (biomass)
- Biodiversity
- Food
- Water
- Soil
- · Aligns broadly with MA

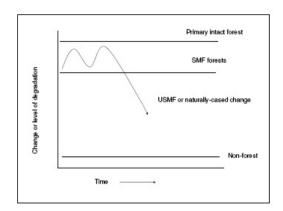


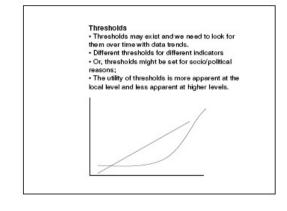
Possible indicators (from cards)

- · Soil / water quality
- Watershed quality
- Species composition
- Species richness
- Species presence / absence
- · Stand density
- · Canopy cover / structure
- Deadwood structure
- · Comparison to «natural » reference
- Biomass

Questions for WG 2

- What is the appropriate scale(s) to consider degradation: Does the current definition sufficiently address the issue of scale?
- · What are the best indicators?
- Which indicators are best for national-level reporting?
- Which might also be proxy indicators for several different aspects of degradation?
- Which already have adequate definitions and assessment methods?
- What further actions are needed to facilitate regular monitoring of the indicators?





Levels are: - Global - Regional - National - Sub-national by forest type - Local by landscape · Landscapes can be defined biophysically, functionally, social Canascapes can be defined biophysically, functionally, social construct.
 Or landscape can be a local level construct.
 Some level of sub-national forest typing
 Appropriate scale is relative to the goods and services being determined. Time scale of reporting, depends on what you are measuring.
Time scale is relative to the indicator or process which you are measuring.

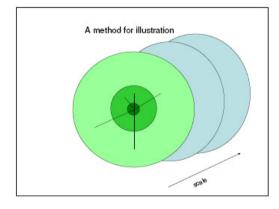
Indicators	Scale s				
	Global	Regional	National	Forest type	Local
Soil quality				Х	Х
Erosion rate				X	Х
H2O quantity		X	X	X	Х
H2O quality		x	x	х	X
Species comp.	X	X	X	X	Х
Forest stand Variables (canopy, atcolling etc.)				x	х
Landscape variables fand ower, fragmentation, etc.)	х	х	х	х	х
Carbon pools (5)	х	X	X	X	X

For these indicators, which ones already have adequate definitions and assessment methodologies?

Agreed that methods are available for all. Lund's proposed common ground indicators: Soil Biodversity Biomass (carbon)

As a minimum to define degradation we need to measure species composition, landscape pattern, and carbon pools in some way

Further actions needed to facilitate regular monitoring of these indicators (e.g. harmonization of definitions, capacity building, R&D), e.g., NFIs not in all countries and not standardized By whom?



Groupes de travail 3 - présentation



Complex issues with many confounding factors and drivers

- Globalization
 - Pension fund in Europe funding US bank funding industrial company funding local investor logging in Sarawak...)
- Policy environment and legal framework
- Societal choices
 - Use of natural capital to build physical capital
- · Institutional settings
 - Lack of capacity to manage / control

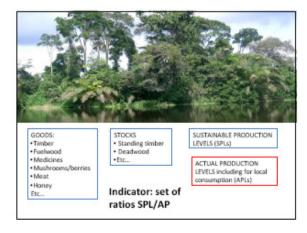






Forest products (goods)

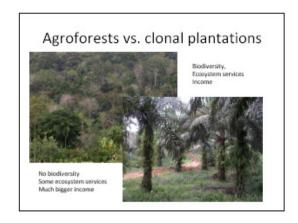
- Goods differ (wood and wood-based, NTFP...)
- Indicators can be developed at the forest management unit level
- FMU level indicators can be scaled up to national or international levels

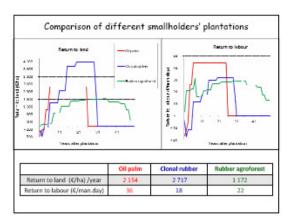




Socio-economic services

- Linked to the "goods" but in a non-linear, monotonic way (→ secondary indic.)
- Indicators can be developed at the forest management unit level
- FMU level indicators cannot be scaled up to national or international levels





Possible socioeconomic indicators

- Local demographic trends
- National population trends
- Employment (forest and extra-sectoral)
- % Household income from forest goods



Recommendations

- Develop meaningful macro-economic indicators for national scale socio-economic services
- Provide training and capacity building to assess indicators at local level
- Use a common conceptual framework to analyze indicators



