WGIA6
Tsukuba, Japan
16-17 July 2008

# Working Group I: LULUCF

Chair: Sumana Bhattacharya
Rapporteur: Batimaa P

# Attended by:

- Cambodia
- India
- Japan
- Korea
- Mongolia
- Philippines

# Presentations

- Yoshiki Yamagata: ***Remote sensing based applications system for LULUCF***
- Damasa Macandog: *Improving Secondary Forest Above-ground Biomass Estimates using GIS-based Model*
- Sumana Bhattacharya: ***Approach for Preparing GHG Inventory from the LULUCF Sector in India***
- Mitsuo Matsumoto: ***Japan's forest carbon accounting system for Kyoto reporting***

# Observations

- LULUCF is a key sector for most of the countries invited to WGIA6
- GIS based models help to improve the estimates of above ground biomass
- Remote sensing on GIS platform along with the ground truthing of permanent plots are the key to a good GHG inventory from this category
- The issues that constrain the preparation of the inventory are
  - forest and other land use definitions
  - stratification
  - biomass expansion factors
  - volume assessmets
  - density of forests
  - root to shoot ratio

# Observations

- Use of models such as Century, may help in developing data bases of the various carbon pools namely, *AGB, BGB, Litter, Deadwood, Soil Carbon*

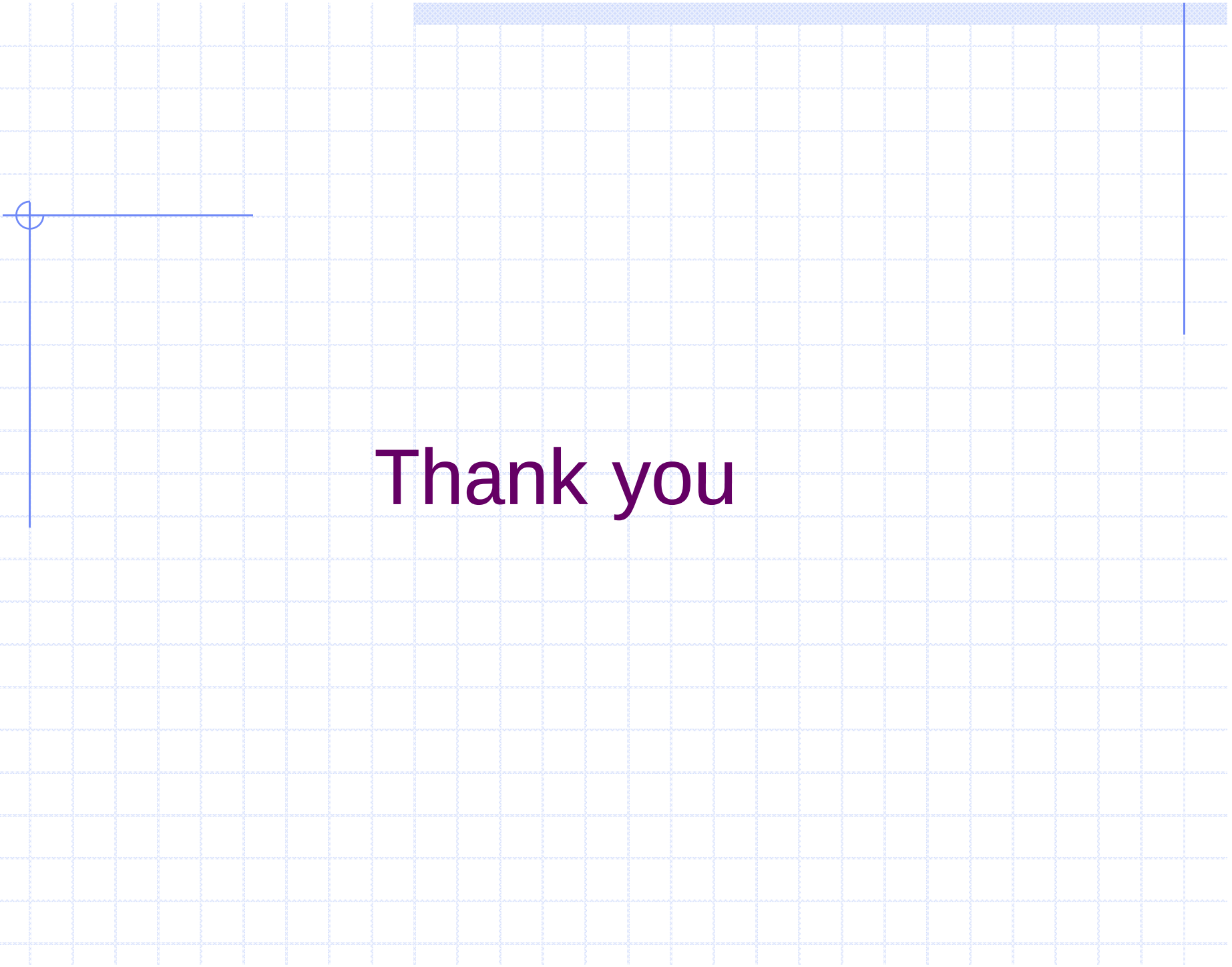
- Development of species and site specific *AGB* improves the estimates

# Recommendations

- Experiences of other countries also sought regarding the preparation of LULUCF Inventory
  - This is expected to bring forth a wider range of issues that are posing as constraints towards the development of their respective inventories

# Recommendations

- A training session can be organized on Century model to enable participating countries to simulate the five carbon pools essential for the inventory estimates
  - This will help in identifying the input data needs that each country may need


Thank you