

# Recap of issues discussed On Day 9

by

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## Sessions for Day 9

- Recap of issues discussed on Day 7-8
- Introduction to the course --- **Dr. C.T.S. Nair**
- Restoration and rehabilitation of degraded forest lands – an overview of the global and regional situation --- **David Lamb**
- Forest rehabilitation efforts across Asia: Lessons from past experiences --- **Unna Chokkalingam**
- The landscape approach to the rehabilitation of degraded lands --- **David Lamb**

# Restoration and rehabilitation of degraded forest lands – an overview of the global and regional situation --- David Lamb

- **Origins of degraded land**  
situation, reason, relatively recent land use activity
- **Defining “Degraded”**  
Not all cleared land is degraded  
Reforestation degraded land?
- **Reforestation in 20th Century**  
Objectives, Histories, Examples, Event, Activity

# Restoration and rehabilitation of degraded forest lands – an overview of the global and regional situation --- David Lamb

- **Different types of reforestation**  
Production vs Ecosystem Services  
planting seedlings, managing natural regrowth,  
direct seeding
- **In future reforestation will be**  
Harder vs Easier
- **Are there risks in undertaking large-scale reforestation?**
- **Take-home message**

# Restoration and rehabilitation of degraded forest lands – an overview of the global and regional situation --- David Lamb

## • Questions to ponder

1. Who owns the world's degraded lands (state? private owners?) What are implications for reforestation?
2. How to balance the need for more food production and the need to restore forests?
3. Do international concerns over forest restoration make any practical difference on the ground?
4. Reforestation can be financed when trees are being grown for timber – but how to pay for reforestation to provide ecosystem services?
5. Will forms of reforestation developed for industrial-scale growers suit smallholders?



# Forest rehabilitation efforts across Asia: Lessons from past experiences --- Unna Chokkalingam

- **Scope of presentation**
  - **Afforestation, Reforestation**
  - **Plantations**
  - **Enrichment Planting**
  - **Restoration**
  - **Assisted Natural Regeneration**
  - **Agroforestry**
  - **Forest Landscape Restoration**

# Forest rehabilitation efforts across Asia: Lessons from past experiences --- Unna Chokkalingam

- **Forest rehabilitation in the Asian region**
- **Drivers of reforestation success**
- **Country cases** (India, Vietnam, Philippines, Indonesia)
- **Rehabilitation approaches used across the region**
  - Mainly Plantations over much of Asia
  - Agroforestry
  - Enrichment planting
  - Natural Forest Ecosystem Restoration
  - Forest Carbon Enhancement Projects
  - Forest Landscape Restoration



# Forest rehabilitation efforts across Asia: Lessons from past experiences --- Unna Chokkalingam

- **Some key lessons for long-term success and meeting objectives**
  - Long-term sustainability
  - Project design
  - Social elements critical
  - Policy environment
  - Local
  - Project effort resulted
  - Economic elements critical
- **Group discussion**  
success factors , failure factor



# The landscape approach to the rehabilitation of degraded lands --- David Lamb

- **Introduction**

Role of forests, What is the scale at generates benefits, Landscapes

- **Forest Landscape Restoration**

Definition, Hence, Questions

- **How much reforestation needed?**

Depends on - natural forest remains, opportunity costs, markets, funds available, need to exceed a threshold

# The landscape approach to the rehabilitation of degraded lands --- David Lamb

- **Where this should be carried out?**  
Economic vs Environmental
- **What type of reforestation?**  
Economic vs Environmental  
Monoculture, Mixture, Regrowth
- **A long-term vision for forest landscape restoration**  
Monoculture → Mixture  
Regrowth → Enrichment
- **Take home message**



**Thank you**

