

**NINTH EXECUTIVE FOREST POLICY CPURSE  
SUSTAINABLE DEVELOPMENT GOALS, CLIMATE CHANGE  
AND THE FUTURE OF FORESTS IN ASIA AND THE PACIFIC  
24 May – 2 June 2016  
Yogyakarta, Indonesia**

## **Group 2**

**Making Forest Policy Consistent  
with the UN Sustainable Development Goals**

### **Members**

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## Background

- ❑ Forests cover about 31% of the world's land area; maintain water supplies, help mitigate climate change, protect biodiversity, and provide income, food and medicine to the poor;
- ❑ 4 of the 17 SDGs are directly linked with forests and their management;
- ❑ Pertinence of integrating the SDGs in forest policy.

## Issues to be addressed

- ❑ **1. Forests, biodiversity and poverty:** Biodiversity conservation and poverty-mitigation functions of forests require enhancement;
- ❑ **2. Forests and river systems:** Forest management undervalues the role of forests in sustaining the river systems and fresh water supplies;
- ❑ **3. Forests and land legradation:** Clearing of forests and forest degradation is a serious threat to biodiversity conservation and poverty mitigation.

# Analysis of Issues to be Addressed

## 1. Forest, biodiversity and poverty

- ❑ Clearing of forests and logging degrade natural ecosystems and habitats (Haddad et al., 2015);
- ❑ Break up habitats and the broken parts get separated by a pattern of human-transformed land cover;
- ❑ Human land uses change the structures and functions forest ecosystem and cause biodiversity loss.

## Analysis of Issues Continued..

- ❑ Location of rural poverty and natural forests tends to overlap (Sunderlin, et al., 2005);
- ❑ Forest-conserving land uses assist poverty mitigation, avoidance, and elimination.

### 2. Forests and river systems

- ❑ The quality and the extent of riparian vegetation is critical for sustained flow of water in rivers,(Bellamy 1999);

# Analysis of Issues Continued..

## 3. Forests and land degradation

- ❑ Forest land degradation diminishes species diversity (Gonzalez, 2001) and the ability of forest ecosystem to function;
- ❑ Reduces social and ecological resilience and causes food and water insecurity.

## Conclusion and Options

### 1. Forests, biodiversity and poverty

- ❑ Forests are vital for avoidance and mitigation of poverty;
- ❑ Community and multi-stakeholder forestry with poverty mitigation focus is an option;
- ❑ Good and diverse forest cover is critical for biodiversity conservation;
- ❑ Planting diverse species, multi-function forestry to enhance forest ecosystem services.



## Options and Conclusion

### 2. Forests and river systems

- Forests play a critical role in regulating the quality and quantity of water;
- Rivers and streams also play important roles for all plants and animals, besides providing habitat aquatic animals;
- Protecting forests in critical catchments, improving watershed quality and conserving waterways form options.

## Options and Conclusions

### 3. Forest and land degradation

- ❑ Degradation of forest lands diminishes species diversity and the ability of ecosystems to function;
- ❑ Forest degradation has greater consequences to the quality of livelihood of people;
- ❑ Restoration and afforestation are some of the options.

## Recommendations

### 1. Forests, biodiversity and poverty

☐ Strengthening the role of forests for biodiversity conservation and poverty mitigation through multi-function forestry and participatory management;

### 2. Forests and river systems

☐ Enhancing hydrological efficacy of forests based on the principles of watershed management and rational land use;

## Options and Conclusions

### 3. Forest and land degradation

□ Restoration of degraded forests through promotion of multiple uses of degraded forest lands and multi-stakeholder participation, particularly of local communities dependent on forests.

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**THANK YOU FOR ATTENTION !!!!**

**With Love from GROUP 2**

