



**Degraded Mangrove  
in Sembilang National Park  
(South Sumatera)**



**Gunung Ciremai  
National Park  
(West Java)**



**Manupeu Tanah Daru  
National Park  
(NTT - Sumba Island)**



**Gunung Merapi  
National Park  
(Yogyakarta - West Java)**



**Bromo Tengger Semeru  
National Park  
(East Java)**



## Project on Capacity Building for Restoration of Ecosystems in Conservation Areas



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## Background

Forests in Indonesia provide rich biodiversities and ecosystem services. Forest lands in Indonesia cover about 133 million hectares. However, these forests are in danger of deforestation and degradation with 1,080 thousands hectares lost annually between 2000 to 2005. The conservation areas account for about 12% of the total forests in Indonesia and national parks account for 60% of the conservation areas. They are recognized as significant not only in Indonesia but internationally, and it is an urgent task to conserve them.

The Ministry of Forestry in Indonesia and the Japan International Cooperation agency commenced Project on Capacity Building for Restoration of Ecosystems in Conservation Areas in March, 2010 to strengthen capacity of relevant stakeholders for restoration of degraded ecosystems in conservation areas, specifically national parks.

## Scope of the Project

The target area to be covered by the Project is degraded ecosystems in national parks. The Project intends to address issues of restoration of degraded lands through comprehensive approach covering three aspect, i.e. institutional aspect, technical aspect and financial aspect. Furthermore, the Project utilizes the knowledge and technologies for restoration of degraded lands generated by the past and ongoing project/activities including those developed with JICA's assistance and also indigenous and traditional knowledge.

## Project Outline

### 1. Terms

March 2010 – March 2015 (5 years)

### 2. Executing Agency

Directorate General of Forest Protection and Nature Conservation  
Ministry of Forestry

### 3. Supporting Agency

Japan International Cooperation Agency (JICA)

### 4. Project Purpose

Capacity of relevant stakeholders for restoration of degraded ecosystems in conservation

## 5. Outputs

- (1) Institutional framework for restoration is enhanced.
- (2) Restoration plans in the model sites are developed.
- (3) Restoration activities in the model sites are implemented

## 6. Activities

- (1) Activities at the central level (in Jakarta)
  - (i) Review governmental rules and regulations relevant to restoration of degraded ecosystems in conservation areas.
  - (ii) Identify useful technologies for restoration including those developed with JICA's assistance.
  - (iii) Review the existing technical guidelines relevant to restoration.
  - (iv) Examine potential financial resources including GERHAN, Reforestation Fund, private investment, and donor assistance to be utilized for restoration.
  - (v) Prepare a draft of restoration guideline.
- (2) Activities in the Model Sites
  - (2)-1. Restoration Plans in the Model Sites
    - (i) Organize working group(s) at each model site which are responsible for planning and implementation of restoration activities.
    - (ii) Identify the target areas for restoration activities in the model sites.
    - (iii) Review the current restoration plans (if they are already formulated).
    - (iv) Prepare draft restoration plans (if they are not yet formulated)
    - (v) Hold workshop(s) attended by stakeholders to discuss draft restoration plans.
    - (vi) Review the restoration plans as needed in the process of implementation.
    - (vii) Make documents of the planning process.
  - (2)-2. Implementation of Restoration Activities
    - (i) Conduct training for restoration to working groups.
    - (ii) Implement the restoration activities in the model sites.
    - (iii) Monitor, evaluate and review the restoration activities

## 7. Model Site

- TN Sembilang (Sumatera Selatan) : the target areas for restoration are degraded mangrove ecosystems.
- TN Gunung Ciremai (Jawa Barat) : the target areas for restoration are tropical mountain forests.
- TN Manupeu Tanah Daru (Sumba-NTT) : the target areas for restoration are monsoon forests and Savanna.
- TN Gunung Merapi (Jawa Tengah-Jogjakarta) : the target areas for restoration are tropical mountain forests.
- TN Bromo Tengger Semeru (Jawa Timur) : the target areas for restoration are tropical mountain forests.