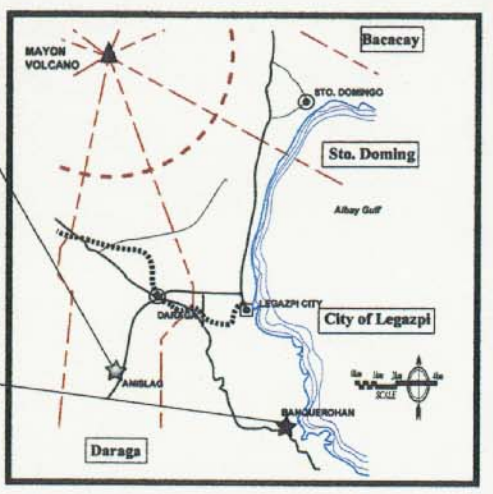


LEGEND:	
	Approximate Study Area
	City & Municipality Boundary
	6km PDZ (Permanent Danger Zone)
	Major Road
	Railway
	River
	Target River Basin
	City & Municipality

**LOCATION MAP OF THE STUDY AREA**



**★ San Vicente Resettlement Site**  
 Location : San Vicente, TABACO  
 Land Area : 56 ha  
 Distance from Present Residence : 5km  
 No. of Houses : Not yet planned

**■ San Vicente River Sabo Project**  
 Hazard Area : 1,036.41 ha  
 Sabo Area : 300.38 ha  
 Protected Area : 736.03 ha

**★ Buang Resettlement Site**  
 Establishment : 1993  
 Location : Buang, TABACO  
 Land Area : 1.0 ha  
 Distance from Present Residence : 3km  
 No. of Houses awarded : 22  
 No. of Resettled Families : 25

**■ Buang River Sabo Project**  
 Hazard Area : 181.69 ha  
 Sabo Area : 60.75 ha  
 Protected Area : 57.94 ha

**★ Baligang Resettlement Site**  
 Establishment : 1993  
 Location : Baligang, LIGAO  
 Land Area : 0.35 ha  
 Distance from Present Residence : 1km  
 No. of Houses awarded : 45  
 No. of Resettled Families : 46

**★ Sta. Teresa & San Ishidro Resettlement Site**  
 Location : Sta. Teresa, San. Ishidro West, San. Ishidro East, MALILIPOT  
 Land Area : 30 ha  
 Distance from Present Residence : 3km  
 No. of Houses : 40

**■ Bulawan River Sabo Project**  
 Hazard Area : 373.93 ha  
 Sabo Area : 171.00 ha  
 Protected Area : 202.93 ha

**★ San Andres Resettlement Site**  
 Location : San Andres, STO. DOMINGO  
 Land Area : 22 ha  
 Distance from Present Residence : 8km  
 No. of Houses : 635

**★ Anislag Resettlement Site**  
 Location : Anislag, DARAGA  
 Land Area : 22 ha  
 Distance from Present Residence : 8km  
 No. of Houses : 635

**★ Banquerohan Resettlement Site**  
 Establishment : 1994  
 Location : Vanquerohan, City of LEGAZPI  
 Land Area : 18 ha  
 Distance from Present Residence : 25km  
 No. of Houses awarded : 504  
 No. of Resettled Families : 362

**■ Basud River Sabo Project**  
 Hazard Area : 648.00 ha  
 Sabo Area : 200.00 ha  
 Protected Area : 448.00 ha

**■ Padang River Sabo Project**  
 Hazard Area : 835.88 ha  
 Sabo Area : 337.50 ha  
 Protected Area : 498.38 ha

**■ YAWA River System Sabo Project**  
 Pawa-Burabod  
 Budiao-Anoling  
 Hazard Area : 2,658.55 ha  
 Sabo Area : 955.13 ha  
 Protected Area : 1,732.42 ha

**● YAWA River Improvement Project**

**● Legazpi City Urban Drainage Project**

**■ Quinali (A) River System Sabo Project**  
 Masarawag  
 Hazard Area : 800.00 ha  
 Sabo Area : 108.00 ha  
 Protected Area : 692.00 ha

**■ Quinali (A) River System Sabo Project**  
 Quirangai  
 Hazard Area : 600.00 ha  
 Sabo Area : 42.75 ha  
 Protected Area : 557.25 ha

**★ Quitago Resettlement Site**  
 Establishment : 1988  
 Location : Quitago, Guinobatan  
 Land Area : 0.8 ha  
 Distance from Present Residence : 8km  
 No. of Houses awarded : 30  
 No. of Resettled Families : 14

**★ Batawan Resettlement Site**  
 Establishment : 1995  
 Location : Tagaytay, CAMALIG  
 Land Area : 9.8 ha  
 Distance from Present Residence : 5km  
 No. of Houses awarded : 480  
 No. of Resettled Families : 408

**★ Mi-isi Resettlement Site**  
 Establishment : 1994  
 Location : Salvacion, Daraga  
 Land Area : 1.7 ha  
 Distance from Present Residence : 2.5km  
 No. of Houses awarded : 135  
 No. of Resettled Families : 142

**PROJECT & PROGRAMS**

- SABO FACILITY CONSTRUCTION
  - Yawa River System Sabo Project
  - Quinali(A) River System Sabo Project
  - Buang River Sabo Project
  - San Vicente River Sabo Project
  - Padang River Sabo Project
  - Basud River Sabo Project
  - Bulawan River Sabo Project
- FORECASTING, WARNING AND EVACUATION
  - Forecasting, Warning and Evacuation System Strengthening
- RELOCATION / RESETTLEMENT
  - Relocation and Resettlement Projects
- INSTITUTIONAL AND SUPPORTING SERVICES STRENGTHENING
  - National and Regional Disaster Management System Strengthening
  - Provincial Disaster Management System Strengthening
  - Province-wide Socio-economic Development and Monitoring
  - Community-based Disaster Management Strengthening
  - Livelihood Development Projects and Programs
- FLOOD CONTROL PROJECT
  - Yawa River Improvement Project
  - Legazpi City Urban Drainage Project

**LEGEND**

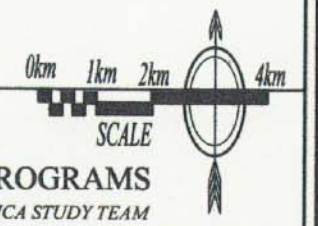
- PROJECTS & PROGRAMS**
- SABO FACILITY CONSTRUCTION
    - Existing Sabo Structure
    - Proposed Sabo Structure & Sand Sedimentation Area
    - Protected Area
  - FLOOD CONTROL PROJECT
    - Project Area
  - FORECASTING WARNING AND EVACUATION
    - Rainfall Gauging Station Existing & Proposed
    - Seismograph Existing & Proposed
    - Proposed Water Level Gauging Station
  - RELOCATION / RESETTLEMENT
    - Present Resettlement Area
    - Planned Resettlement Area

**BASE MAP LEGEND**

- VOLCANIC LANDFORM**
  - Original Surface of Stratovolcano
  - Lava Flow (No.:EruptionAge)
  - Alluvial Fan at Volcanic Foot
  - Pyroclastic Flow or Debris Flow Deposit
  - Young Lahar Deposit(No.:Age)
- EROSIONAL LAND FORM**
  - Gully or Erosion Surface
- DEPOSITIONAL LANDFORM**
  - Talud
  - Terrace Deposit
  - Natural Levee
  - Other Alluvial Surface
  - River Channel
- OTHER**
  - Mountain or Hill except Mayon Volcano
- GENERAL LEGEND**
  - City & Municipality in Study Area
  - Major Barangay
  - Major Road
  - Railway
  - City & Municipality Boundary
  - 6km PDZ (Permanent Danger Zone)
  - River
  - River Basin Boundary

COMPREHENSIVE DISASTER PREVENTION  
 AROUND MAYON VOLCANO  
 IN THE REPUBLIC OF THE PHILIPPINES  
 JAPAN INTERNATIONAL COOPERATION AGENCY

Master Plan  
**MAP OF PROJECTS & PROGRAMS**  
 SCALE  
 Source: JICA STUDY TEAM



Layout View of the Southeastern Area around Mayon Volcano

