

# **The 6<sup>th</sup> International Training Workshop On Natural Disaster Reduction**

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# DISASTER REDUCTION AND MANAGEMENT AN ADMINISTRATIVE RESPONSE





# PRESENTATION OUTLINE

- ☺ DENR MISSION
- ☺ DISASTERS IT RESPOND TO
- ☺ DISASTER MANAGEMENT FRAMEWORK
- ☺ ORGANIZATION
- ☺ ACTIVITIES
- ☺ RESOURCES
- ☺ CHALLENGES



# DENR MANDATE



**“The DENR shall be the primary government agency responsible for the conservation, management, development and proper use of the country’s environment and natural resources”**

**“ENR Management, people and asset safety”**



# DISASTERS THE DENR RESPOND TO.....



FLOODING



LANDSLIDE



FOREST FIRE



TYPHOON



EARTHQUAKE

# DISASTER MANAGEMENT (DM)

## Meaning

- DM OR EMERGENCY MANAGEMENT IS THE DISCIPLINE DEALING WITH AVOIDING RISKS OR HAZARDS AND INVOLVES PREPARING, SUPPORTING AND REBUILDING THE ORGANIZATION WHEN NATURAL OR MAN-MADE DISASTER OCCUR.





# PHASES IN DISASTER MANAGEMENT

## 1. MITIGATION

Efforts to prevent hazards from developing into disaster. It involves identification of risks. Risk assessment refers to the process of identifying and evaluating hazards.

The higher the risk, mitigation is more urgent.



# PHASES IN DISASTER MANAGEMENT

## 2. PREPAREDNESS

The development of plans of action. It includes proper maintenance and training for emergency services; insurance of properties; development and exercise of emergency warning; temporary shelter and evaluation plans; stockpiling of supplies; organization/coordination with concerned group.



# PHASES IN DISASTER MANAGEMENT

## 3. RESPONSE

Mobilization of emergency services and first responders in the disaster area: firefighters, security, medical, communicators

## 4. RECOVERY

Restore the affected area to its previous state. It involves decisions to be made like rebuilding destroyed property, reporting of affected personnel and repair of infrastructure



# DENR

## DISASTER MANAGEMENT PLAN

### PURPOSE:

- Establish policies and procedures to ensure efficient utilization of resources, its protection and conservation and to minimize the loss of life and property.

### 1. SITUATION:

- Vulnerabilities include fire, storm, mass actions, earthquakes, explosion/terrorism, substance leaks. Prepare Risk Assessment Matrix (see sample).

### 2. MISSION:

- To provide protection to life and property in order to minimize injury, loss



## DENR DISASTER MANAGEMENT

### 3. ORGANIZATION/COMMAND AND CONTROL

- Who are in-charge of what?
- Granting of powers to the Ground Commander

#### 1. **COMMAND & CONTROL EMANATES FROM THE EMERGENCY OPCEN.**

##### **CENTRAL OFFICE:**

War Room/Operation Center

##### **Chain of Command:**

1. *USEC for Management & Technical Services*
2. *Head of OPCEN*
3. *Director of Admin. Service*
  - *Chief, GSD*
  - *Security*



# DISASTER MANAGEMENT

## **Continuation ....**

### **3. ORGANIZATION/COMMAND AND CONTROL**

#### **BUREAUS:**

##### **Chain of Command:**

- 1. Bureau Director**
- 2. Asst. Director /OPCEN**
- 3. Chief, Administrative Division**
- 4. Chief, General Services Section**

#### **REGIONAL OFFICES**

##### **Chain of Command:**

- 1. RED**
- 2. RTD/OPCEN**
- 3. Chief, Administrative Division**
- 4. Chief, General Services Section**



An aerial photograph of a tropical coastline. A large, calm bay with turquoise water is nestled between lush green hills. A sandy beach curves along the right side of the bay. The surrounding land is covered in dense, dark green forest. A large, semi-transparent watermark reading "PITIN ONLY" is oriented diagonally across the center of the image.

## DISASTER MANAGEMENT

### 4. EXECUTION:

#### A. PRE DISASTER PHASE

1. **Training and education of SERB members**
2. **Public information campaign**
3. **Develop procedure for alerting, notifying and mobilizing key officials in the event of disaster.**
4. **Plans for Disaster Recovery**





## DISASTER MANAGEMENT

**Continuation ...**

### **4. EXECUTION:**

#### **B. DISASTER PHASE**

- 1. Take command from the emergency or Ground Marshall/Commander**
- 2. Activating Emergency Teams**
- 3. Activities directed in protecting life and properties;**

#### **C. RECOVERY PHASE**

**SERB thru its Medical Team to administer to the injured; restore order (security) ; repair damages, establish temporary evacuation (GSD)**



## 5. REPORTING

- a. Initial Situation Report – Issued by the First Incident Commander (GSD & Security)
  - 1. Type of Disaster
  - 2. Time & Date of Disaster
  - 3. Status of mobilization
  - 4. Initial casualty; damage assessment
  - 5. Immediate support needed

## DISASTER MANAGEMENT

Continuation ...

### 5. REPORTING

#### b. The Initial Damage Assessment Report (IDAR) (Part 1)

1. Geographic (by floor or by building) estimate of damage
2. Injury and fatality report

#### c. The IDAR (Part 2)

1. List of damaged fatalities
2. Resources necessary to return fatalities to normal operations



## DISASTER MANAGEMENT

Continuation ...

### 5. REPORTING

#### d. The IDAR (Part 3)

1. Time and expenses to return damage to normal operations

#### e. Daily Situation Report (GSD & Security)

1. Updates on emergency activities re mitigation of disaster
2. Updates on restoring the compound to normal operations.

## DISASTER MANAGEMENT

Continuation ...

### 5. REPORTING

f. **After Action Reports:** (*USEC for Management & Technical Services; Bureau Directors, Regional Executive Directors, Agency Heads*)

1. Overall combined efforts of all cooperating /involved offices/groups
2. Recommended actions to improve effectiveness



## DENR DISASTER MANAGEMENT

### 6. COOPERATING AGENCIES

1. OCD/NDCC MEMBER-AGENCIES
2. BUREAU OF FIRE PROTECTION
3. PNP
4. LOCAL GOVERNMENT UNITS (LGUs)
5. VOLUNTEER GROUPS

## DENR DISASTER MANAGEMENT

### 7. LOGISTICS

1. Communications equipment: Radio; Telephone
2. Supplies and materials : flashlights
3. Transportations to include ambulance
4. Food and Medicine
5. Others
  - Team Uniforms



# ACTIVITIES



Training Workshop for the...

**SAFETY AND**

**- EMERGENCY**

**- RESPONSE**

**- VOLUNTEERS**

**“ SERV ”**

**EVACUATION DRILLS**

# RESOURCES



**HELICOPTER USED IN COMBATING FOREST FIRES**





*Thank you from your partner  
DENR, Philippines*

**SALAMAT, MABUHAY!!**

**“No man is an island....we need one another”**