



Armed Forces of the Philippines



DISASTER
ASSISTANCE



PHILIPPINE PERSPECTIVE



A DISASTER PRONE COUNTRY

Earthquake in Baguio City,
1990



Flash Flood Tarlac / Nueva
Ecija, 2004



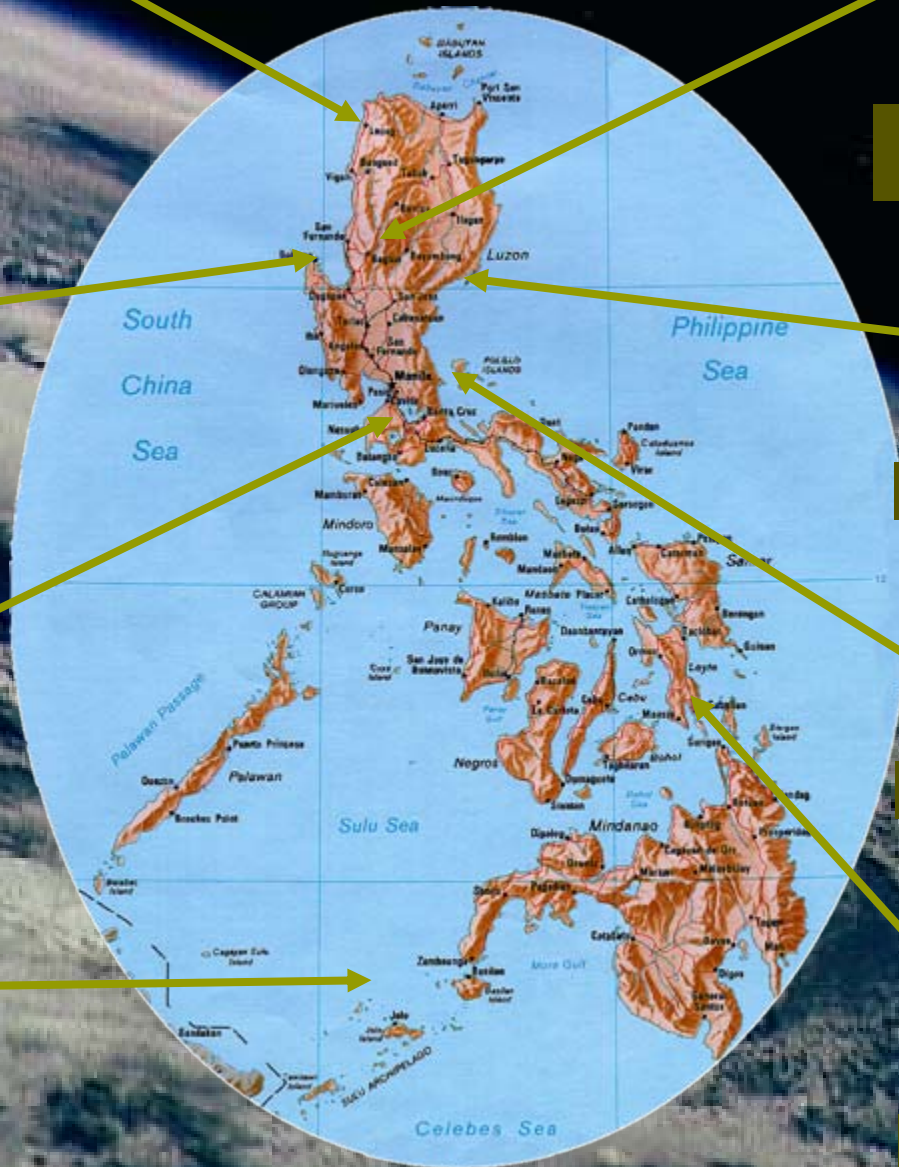
Mt Pinatubo Eruption,
1991



Flash Flood in Mindoro,
2005



Tsunami in Mindanao,
1976



Mud Slide Aurora, 2004



Mud Slide Quezon, 2004



Land Slide S. Leyte, 2006

SCOPE OF PRESENTATION



I. INTRODUCTION

- a. Geography of the Philippines**
- b. Disasters in the Philippines**

II. DISASTER RELIEF OPERATIONS STRUCTURE

- a. Disaster Coordinating Councils**
- b. Organizational Structure**

SCOPE OF PRESENTATION



III. PHILIPPINE DISASTER MANAGEMENT SYSTEM

- a. Task Units**
- b. Disaster Mitigation**
- c. Disaster Preparedness**
- d. Disaster Response**
- e. Rehabilitation**
- f. National Calamity Fund**

III. ROLE OF THE ARMED FORCES

GEOGRAPHY OF THE PHILIPPINES



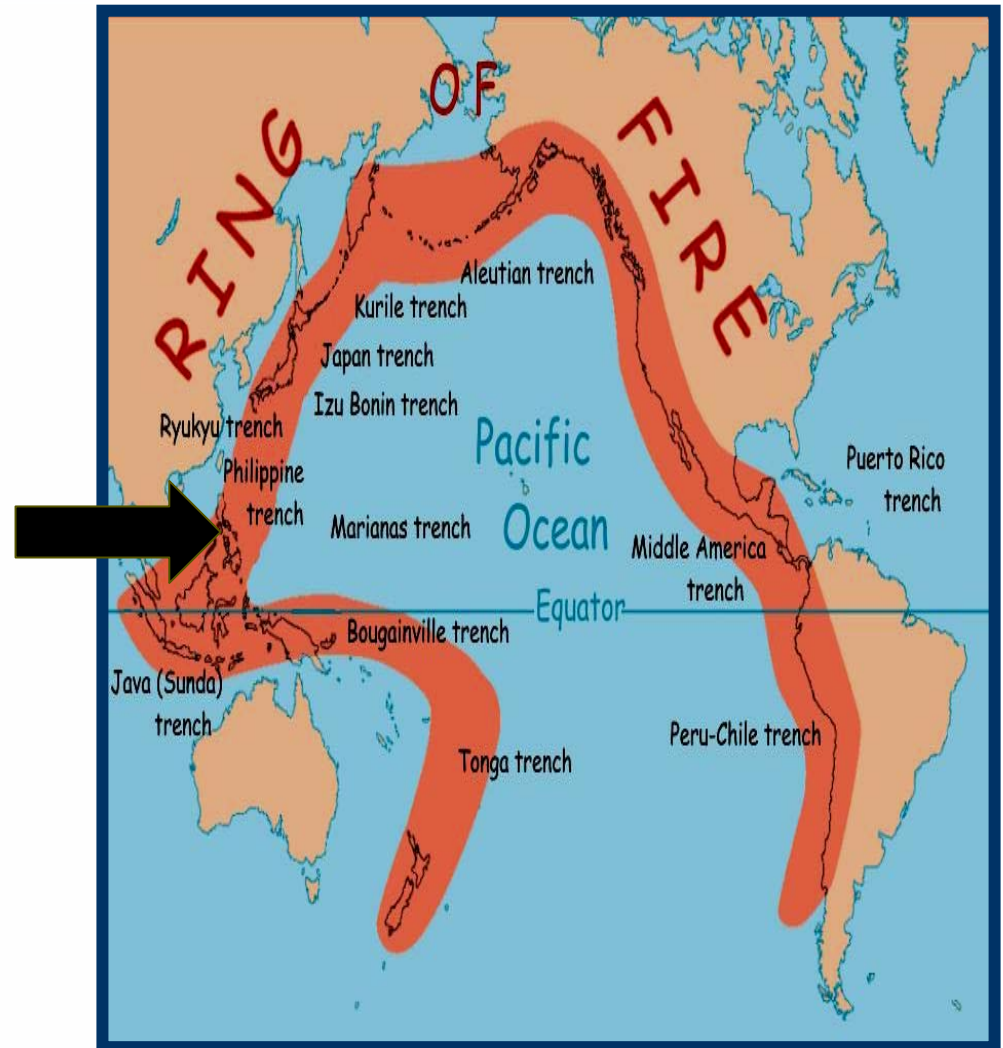
- Archipelago consisting of 7,107 islands
- 300,000 sq km
- Covered with mountainous regions and tropical forests
- *Wonderful tourist destination*



GEOGRAPHY OF THE PHILIPPINES



- **Home to active volcanoes**
- **Within the Pacific Ring of Fire**



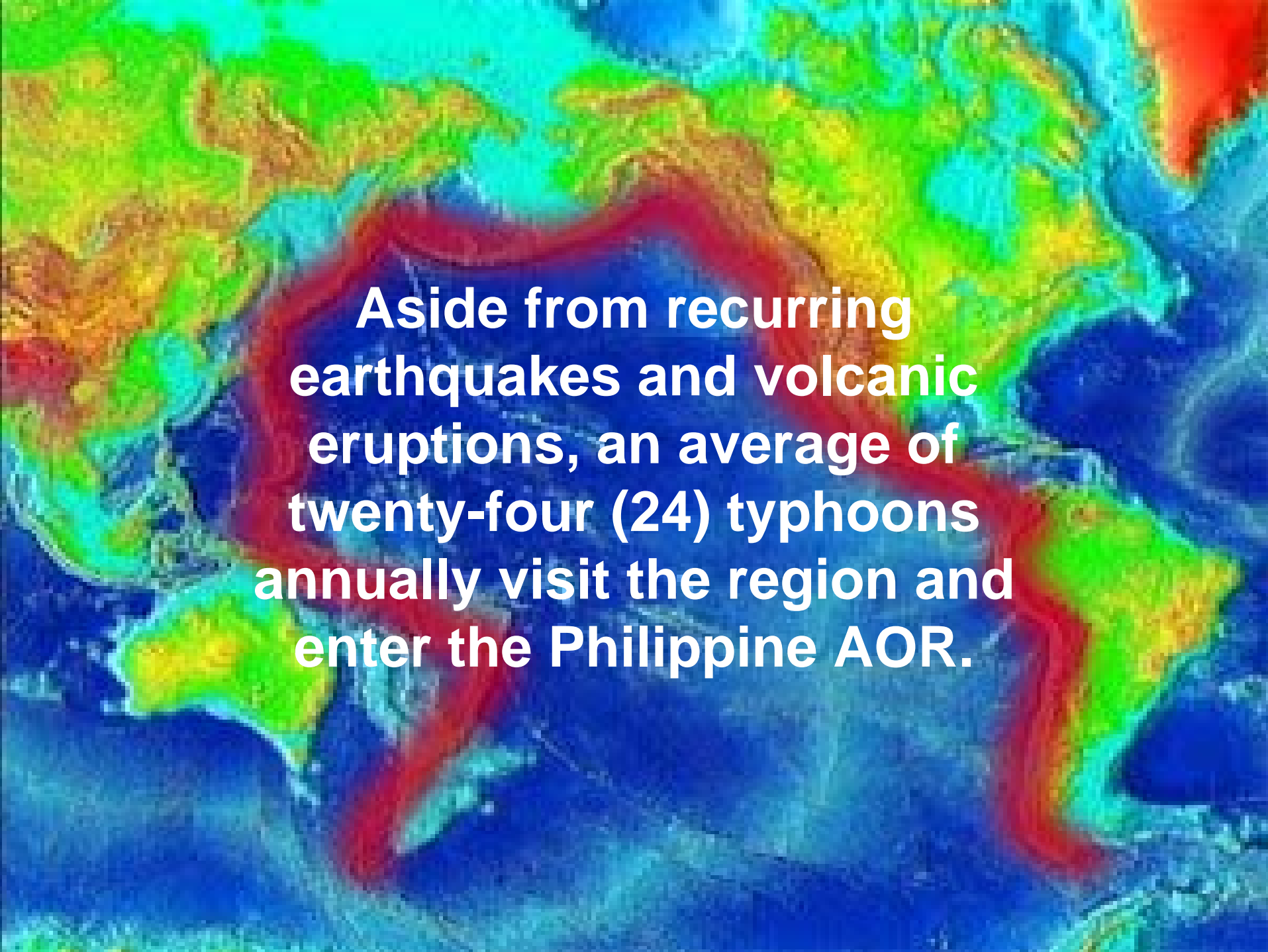
PACIFIC RING OF FIRE

The Pacific ocean is rimmed on all sides with volcanoes in a line that stretches, in the west, from New Zealand to Kamchatka, across the Bering Strait to Alaska, and down the coast of North and South America. This line of volcanoes is known as the Pacific Ring of Fire.

ASIA PACIFIC PLATES



Frequent earthquakes occur in the Asia Pacific Ring of Fire due to recurrent shifting of the various Tectonic Plates in the region.

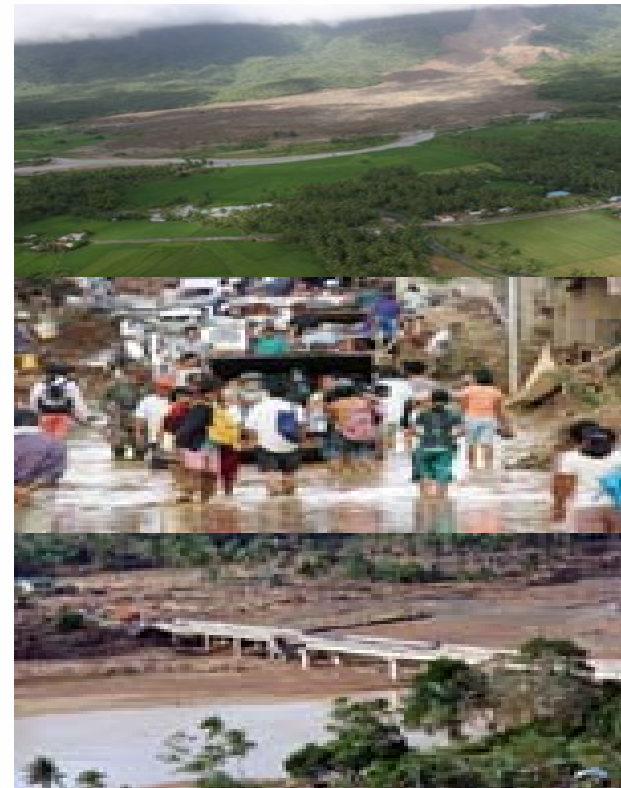


Aside from recurring earthquakes and volcanic eruptions, an average of twenty-four (24) typhoons annually visit the region and enter the Philippine AOR.



DISASTERS in the Philippines

- **Philippines is the fourth most disaster and accident prone country in the world**
- **Philippines is a natural laboratory of floods, typhoons, monsoon rains, earthquakes, volcanic eruptions and landslides**



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Philippines

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PARADISE OF ADVENTURE SEEKERS



EXOTIC SPOTS



Guimaras



SCENIC ISLANDS

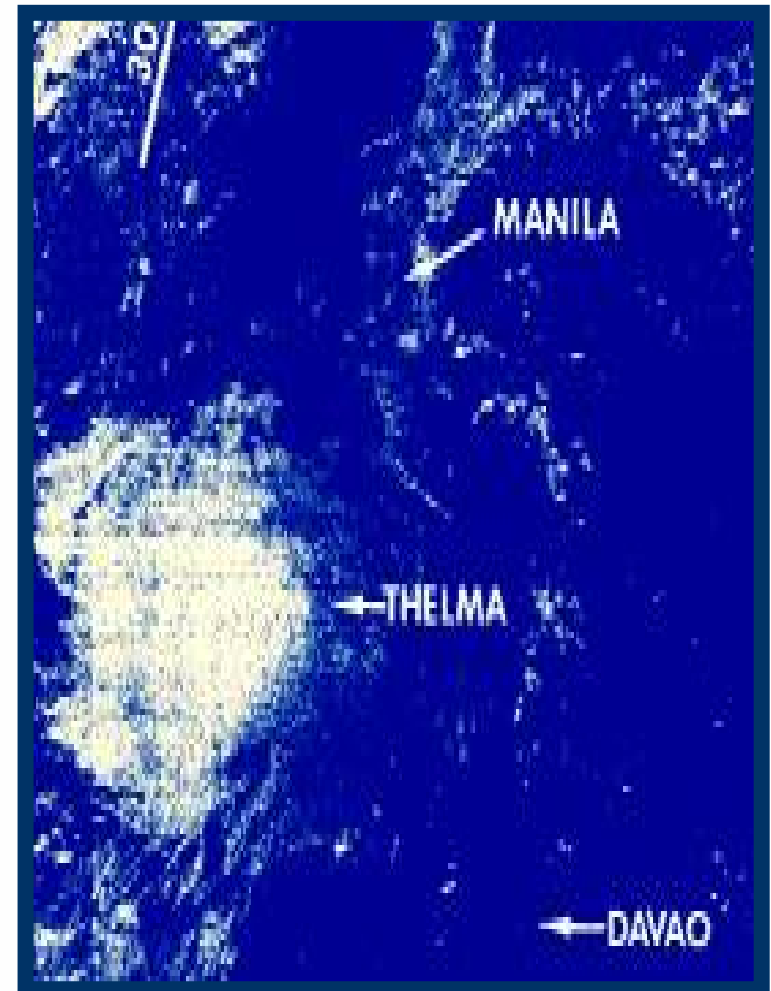


NATURAL DISASTERS



Typhoons

- Typhoons hit the country at least 24 times per year
- *Thelma/Uring* was the worst typhoon ever hit the Philippines destroying P1B worth of properties and killing 8,000 lives



NATURAL DISASTERS



Volcanic Eruptions



- The Philippines has 22 active, 27 potentially active and 88 inactive volcanoes
- Mount Pinatubo's eruption is the second largest volcanic eruption of the century killing thousands of Filipinos and buried several villages

NATURAL DISASTERS



Volcanic Eruptions



- World's most perfect cone
- Mount Mayon is the most active volcano in the Philippines
- As of August 07, 2006, the alert level at Mayon volcano was raised to “four”-the second highest level

VOLCANOES AND WATERFALLS



Mayon Volcano



Taal Lake and volcano



Pagsanjan Falls

NATURAL DISASTERS



Earthquakes

- Philippines experiences at least 20 seismic activities a day.
- The worst earthquake killed 1,700 people and injured 3,000 more on July 16, 1990



NATURAL DISASTERS



Landslide

- Philippines experiences at 3 landslides per year
- The worst landslide buried one(1) barangay wherein at least 2,500 people are believed to be dead



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WORLD CLASS SCUBA DIVING



WORLD CLASS SCUBA DIVING





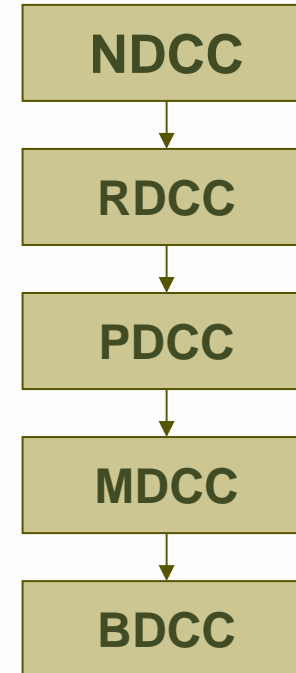
**Can we handle the
Big One?**

DISASTER ASSISTANCE STRUCTURE in the Philippines



National Disaster Coordinating Council (NDCC)

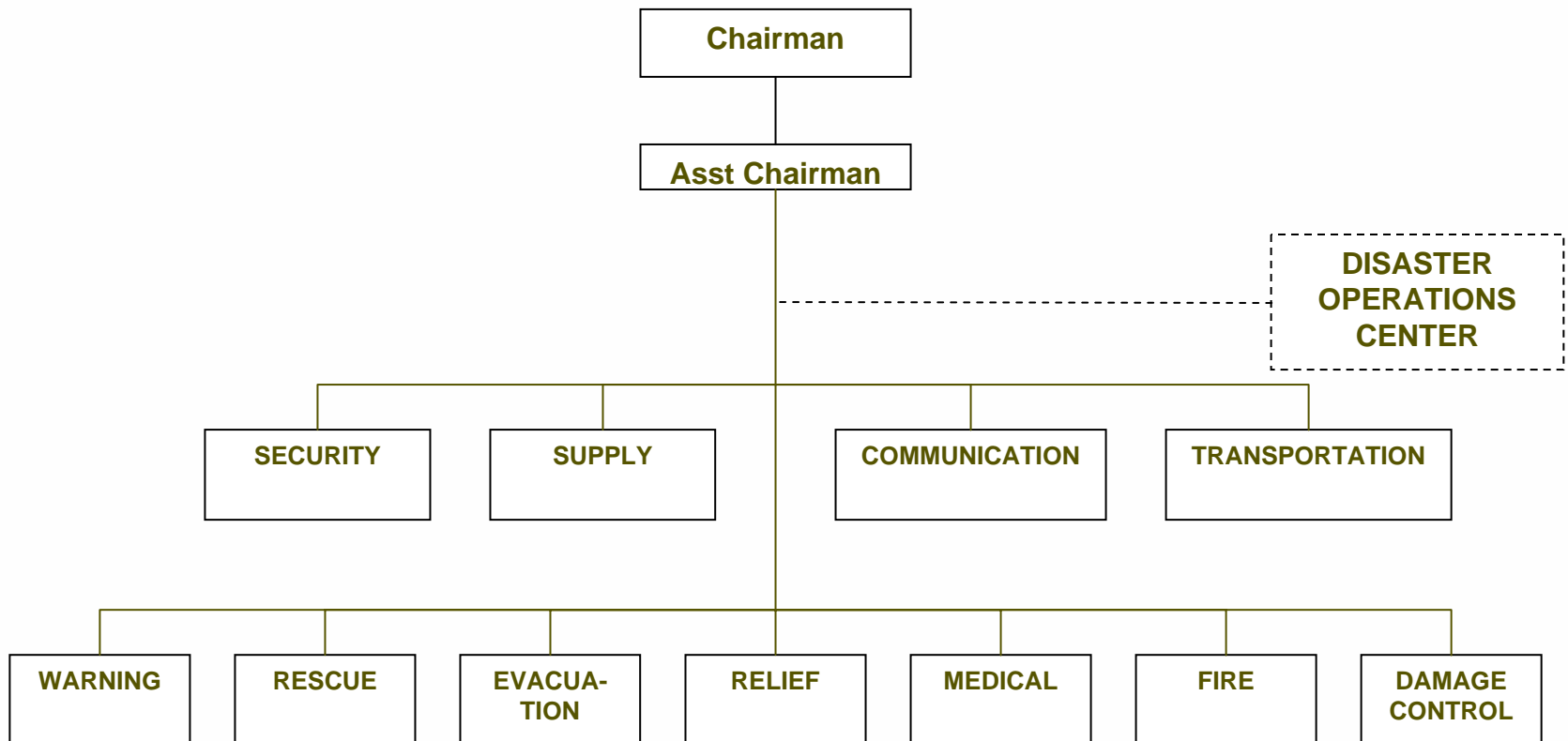
Section 2 of Presidential Decree 1566 established the NDCC which is the highest governmental body responsible for advising the President of the Philippines on the status of disaster preparedness and disaster relief and rehabilitation efforts at the national level.



DISASTER RELIEF OPERATIONS STRUCTURE



Disaster Organizational Structure within the affected area





I Pre Disaster Phase

- a. Planning
- b. Drills
- c. Public Information Drive
- d. Stockpiling
- e. Organizing
- f. Training
- g. Warning



II Emergency Phase

- a. Rescue and Engineering
- b. Evacuation
- c. First Aid and Medical Services
- d. Disaster Relief Services
- e. Policy Auxiliary Services
- f. Auxiliary fire Service
- g. Emergency Transportation Service
- h. Damage Assessment



III Post Emergency Phase

- a. Cross Checking of Data
- b. Rehabilitation Requirements
- c. Responsibility of Emergency labor Supply

DISASTER RESPONSE CONCEPT

- ◆ “All Hazards” & “All Agencies” Approach
- ◆ Heavy reliance on the AFP
 - Most organized and cohesive agency
 - Natural evolution - SND as NDCC Chairman
 - Reluctance of international organization to donate



No Recourse



AFP as the lead

The ROLE OF THE ARMED FORCES OF THE PHILIPPINES



The AFP plays a vital role during Disaster

- Organizes reaction items in all military installations
- Establishes communication linkages and makes these available for disaster operations



ROLE OF THE ARMED FORCES OF THE PHILIPPINES



- Assists in Search and Rescue Operations
- Assists in the reconstruction of damaged national and local roads and/or bridges, structures of facilities, and
- Assists in providing transportation facilities for the rapid movement of relief supplies and personnel for evacuation of disaster victims

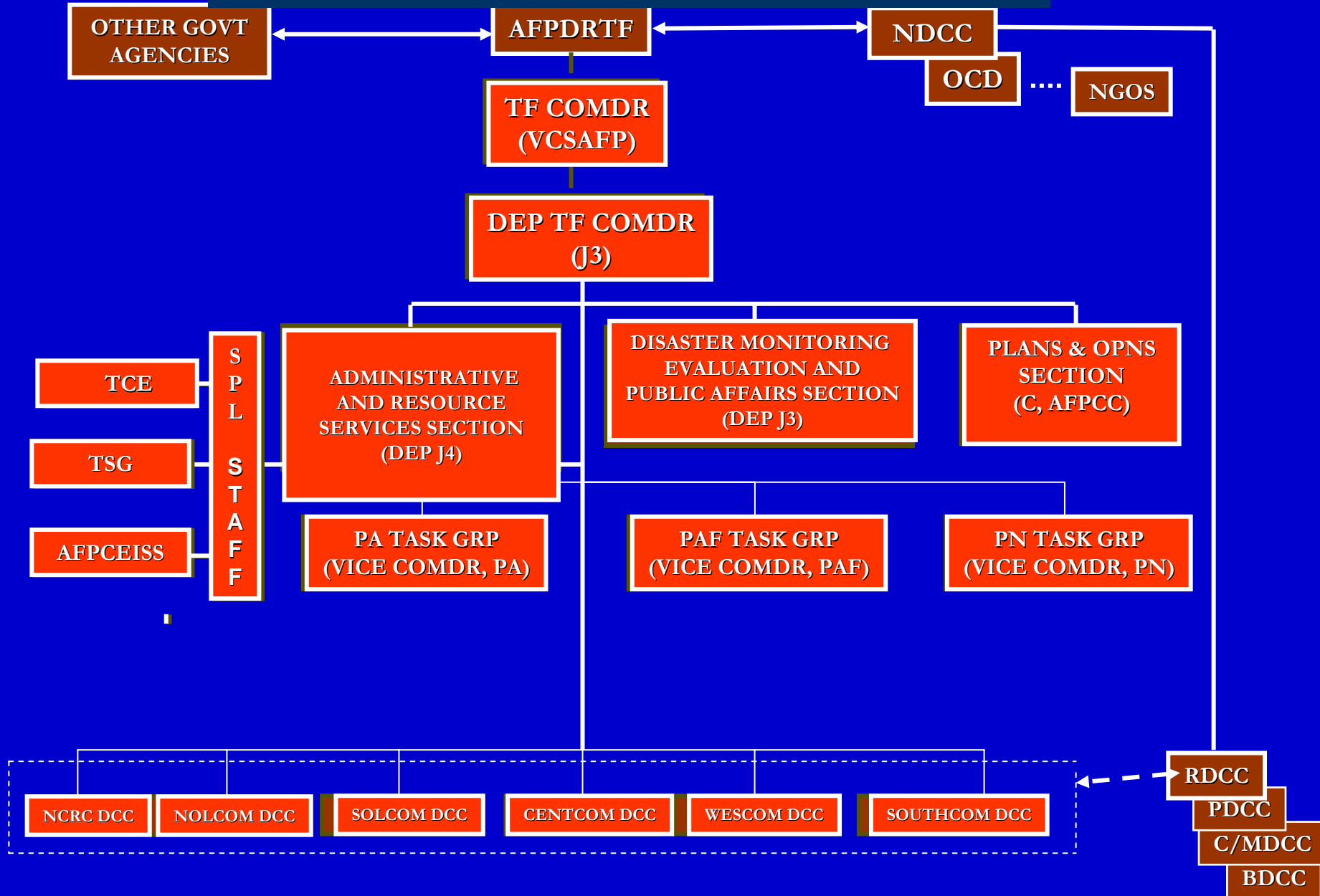
AFP Calamities and Disaster Preparedness Plan(AFP SOP # 15)

MAIN OBJECTIVE

- Maximize utilization of AFP civil assistance capability in *search, rescue, relief and rehabilitation operations* and in civil reconstruction and development activities

AFP DISASTER RESPONSE TASK FORCE

ORGANIZATIONAL STRUCTURE





Disaster Response Capabilities

- Strategically deployed Divisions, Brigades, Battalions and Companies can easily be tasked to respond during disasters and calamities



ARMED FORCES OF THE PHILIPPINES

Actual Disaster Response Operations





SEARCH AND RESCUE OPERATIONS



RECOVERY AND EVACUATION



**CONSTRUCTION OF EVACUATION SHELTERS NEAR
THE LEYTE LANDSLIDE AREA**





RELIEF OPERATIONS



FIRE FIGHTING OPERATIONS



TRANSPORT ASSISTANCE TO EVACUEES



VICTIMS BROUGHT TO SAFETY



DAMAGE ASSESSMENT



REHABILITATION-POST DISASTER ROLE OF AFP

4 point Plan of Action

1. Upgrade Pag-Asa and Philvocs forecasting capability
2. Public Information campaign on Disaster Preparedness
3. Capacity building for local gov't units in identified vulnerable areas
4. Mechanism for gov't & private sector partnership for relief and rehabilitation



Disaster Preparedness Considerations

LESSONS LEARNED



GET READY - BE PREPARED

PHILIPPINES



MABUHAY!
AND
ALOHA!