



Philippine DRR Capacity Development Training Program

*Session 2. Strengthening DRR and DRM by Capacity
Development Training and Education
Asian Conference of Disaster Reduction (ACDR) 2016
Phuket, Thailand
25-26 February 2016*

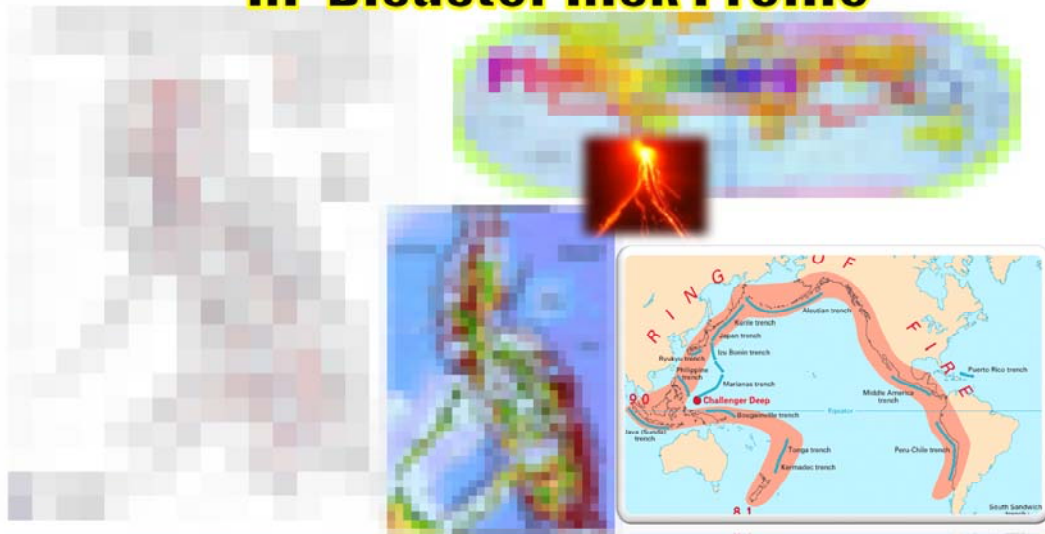
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Philippines

SCOPE OF PRESENTATION

- I. RP Disaster Risk Profile
- II. Legal and Institutional Framework
- III. DRRM Initiatives
- IV. Ways Forward

PHILIPPINES DISASTER RISK PROFILE

RP Disaster Risk Profile

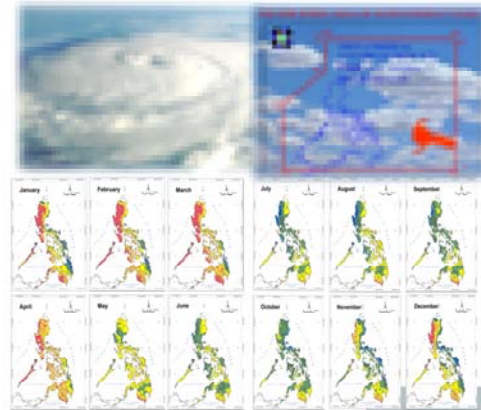


The Philippine Archipelago occupies the western rim of the Pacific Ocean (Western Segment of the Pacific Ring of Fire), a most active part of the earth that is characterized by an ocean-encircling belt of active volcanoes and earthquake generators (fault lines).

Historical Perspective (43 years)

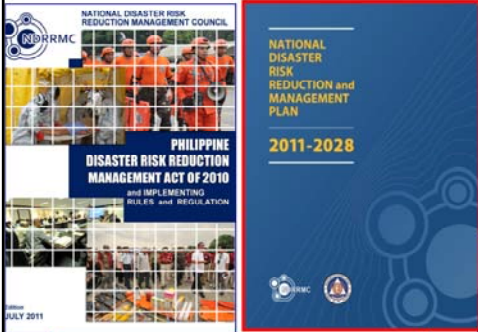
From 1970 - 2015, a total of 890 Tropical Cyclones (TCs) entered the Philippine Area of Responsibility (PAR). Three hundred thirty-three (333) of these TCs were considered destructive (average of 7 TCs annually) in terms of the following:

- Casualties
- Number of Population Affected
- Damages to Properties
- Damages to Agriculture
- Damaged Infrastructure



LEGAL AND INSTITUTIONAL FRAMEWORK

I. Legal and Institutional Framework



Republic Act 10121 (enacted in 2010)
ushered for the
Paradigm shift from
Reactive to Proactive

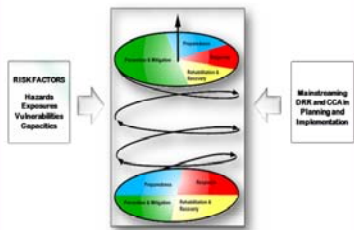


National Disaster
Coordinating Council



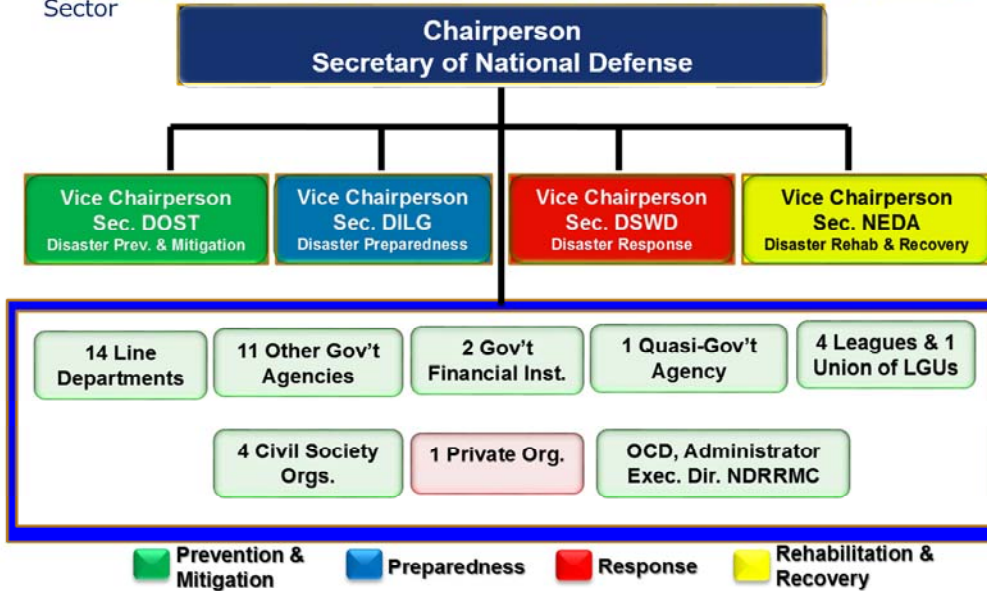
National Disaster Risk Reduction
and Management Council

Safer, adaptive and resilient Filipino
communities toward sustainable development

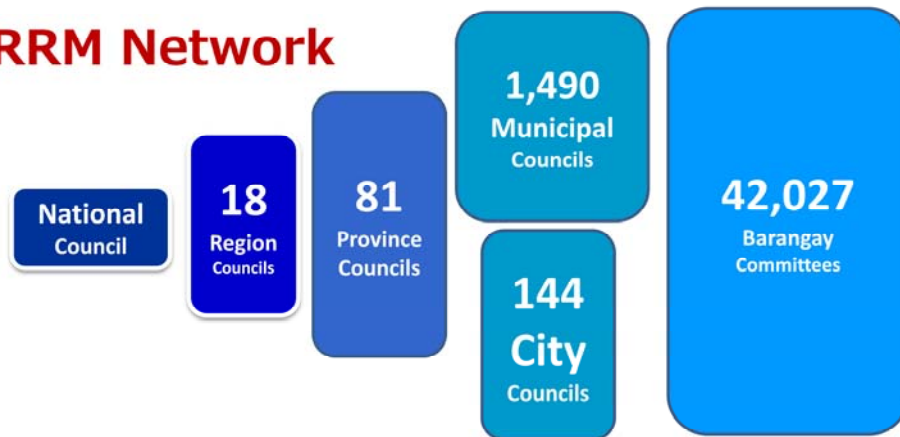


“Whole-of-Society approach to DRRM”

Council membership includes representatives from NGOs, CSOs and the Private Sector



DRRM Network



- **Sec. 12 of RA 101021** states that “ *there shall be established Local Disaster Risk Reduction and Management Office (LDRRMO) in every province , city, municipality, and a BDRRMC in every barangay*”
- **JMC NO. 2014-1, s. 2014** prescribed for the implementing guidelines in the establishment of LDRRMO and BDRRMC

DRRM INITIATIVES



Sec 8. "The Office of Civil Defense shall have the primary mission of administering a comprehensive national civil defense and disaster risk reduction and management program ..."

Section 8 (d) Develop and ensure the implementation of national standards in carrying our disaster risk reduction..."

Section 8 (i)" Establish Disaster Risk Reduction and Management Training Institutes..."

National DRRM Education and Training Program (NDRRMETP)



FIVE (5) DAY CBDRRM TRAINING OF TRAINERS

CBDRRM-TOT

CONCEPT NOTE



Office of Civil Defense
National Disaster Risk Reduction and Management Council
Camp General Emilio Aguinaldo
Quezon City



DISASTER RISK REDUCTION AND MANAGEMENT

DRRM

GOVERNMENT EXECUTIVE COURSE
FOR LOCAL CHIEF EXECUTIVES

CONCEPT NOTE



Office of Civil Defense
National Disaster Risk Reduction and Management Council
Camp General Emilio Aguinaldo
Quezon City



DISASTER RISK REDUCTION AND MANAGEMENT

DRRM

GOVERNMENT OBSERVATION COURSE
FOR LOCAL DRRM COUNCILS

CONCEPT NOTE



Office of Civil Defense
National Disaster Risk Reduction and Management Council
Camp General Emilio Aguinaldo
Quezon City



DISASTER RISK REDUCTION AND MANAGEMENT

DRRM

FOR PUBLIC SECTOR
EMPLOYEES

CONCEPT NOTE



Office of Civil Defense
National Disaster Risk Reduction and Management Council
Camp General Emilio Aguinaldo
Quezon City



DISASTER RISK REDUCTION AND MANAGEMENT

DRRM

IS EVERYBODY'S BUSINESS
(FOR THE PRIVATE SECTOR)

CONCEPT NOTE



Office of Civil Defense
National Disaster Risk Reduction and Management Council
Camp General Emilio Aguinaldo
Quezon City



Civil Defense Education and Training Program (CDETP)

 <p>DRRM TRAINING COURSE</p> <p>CONCEPT NOTE</p> 	 <p>CBDRM-TOT TRAINING COURSE</p> <p>CONCEPT NOTE</p> 	 <p>ICS TRAINING COURSE</p> <p>CONCEPT NOTE</p> 	 <p>ICS TRAINING COURSE</p> <p>CONCEPT NOTE</p> 	 <p>AHIMT TRAINING COURSE</p> <p>CONCEPT NOTE</p> 
 <p>CP-TOF TRAINING COURSE</p> <p>CONCEPT NOTE</p> 	 <p>PDNA TRAINING COURSE</p> <p>CONCEPT NOTE</p> 	 <p>RDANA TRAINING COURSE</p> <p>CONCEPT NOTE</p> 	 <p>SPHERE-TOT TRAINING COURSE</p> <p>CONCEPT NOTE</p> 	 <p>SIMEX-TOT TRAINING COURSE</p> <p>CONCEPT NOTE</p> 

Mainstreaming DRR in Education Sector

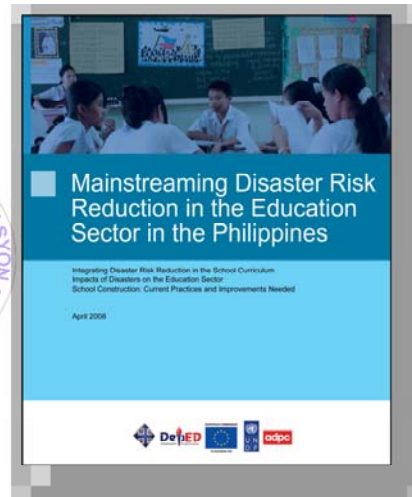
2007-2009:

- Partnership with ADPC, UNDP and ECHO to assist DepEd in integrating DRR in the secondary school curriculum



2014

- Integration of DRRM and CCA into the K-12 Curriculum
- Elective Course on DRRM for Senior High School



- **Mainstreaming of DRR and CCA in the Comprehensive Land Use Plan (CLUP)**
- **Mainstreaming Disaster Risk Management in Sub-national Development and Land Use/Physical Planning in the Philippines**
- **Mainstreaming DRR in the Infrastructure Sector**
- **Mainstreaming DRR in the National Geohazards Mapping**
- **Implementation of the “Be Better, Build Better” program**

NDRRM
Prevention

DRRM Initiatives

READY Project

READY project

TOWARDS A READY, SAFE, RESILIENT GREATER METRO MANILA

Prevention and Mitigation

GMMA READY

Multi-hazard maps

Project NOAH / DREAM-LiDAR

REDAS

REDAS 1.0
Rapid Earthquake Damage Assessment System

Programmed by Bart C. Baufista
PHIVOLCS-DOST

DRRM Initiatives

RED WARNING	More than 30mm rain observed in 1 hour and expected to continue in the next 2 hours	Serious flooding expected in low lying areas	RESPONSE: EVACUATION
ORANGE WARNING	15-30mm (intense) rain observed in 1 hour and expected to continue in the next 2 hours	Flooding is threatening	RESPONSE: ALERT for possible evacuation
YELLOW WARNING	7.5-15mm (heavy) rain observed in 1 hour and expected to continue in the next 2 hours	Flooding is possible	RESPONSE: MONITOR for possible conditions

AFTER

Be prepared for aftershocks. Shut the gas supply, turn off the boiler, and shut the gas off of the boiler.

Check...

- If you need to evacuate your neighbors, have a message ready to share you are going and bring the emergency supply kit.
- Stay updated on disaster prevention instructions from battery-operated radio.

CAUTION: PREPAREDNESS GUIDE

Checklist for preparedness:

- Do you have a plan to evacuate your family?
- Do you have a kit for emergency supplies?
- Do you have a kit for emergency supplies?

BEFORE

Prepare your home, workplace, school, and car.

- Know what to do in case of an earthquake.
- Know what to do in case of a fire.
- Know what to do in case of a flood.

Preparedness

DILG - CODIX →

- Will alert LGUs with:
 - Advisory
 - Critical Preparedness Actions
- ALPHA ACTIONS** (EVALUATION)
- BETA ACTIONS** (PREPAREDNESS)
- CHARLIE ACTIONS** (RECOVERY)

Elemental Actions	Operational Actions	72 Hrs	48 Hrs	24 Hrs
Get Organized	Designate roles for evacuation	Identify the community	Identify the community	Identify the community
Communication	Establish communication	Establish communication	Establish communication	Establish communication
Check readiness	Check readiness	Check readiness	Check readiness	Check readiness

DILG Guidebook for Actions



EBOLA VIRUS

ANU-ANU ANO MGA SINTOMAS NG EBOLA!

- Lagnat
- Magsasakit sa katawan
- Pagpapalig sa katawan
- Pagpapalig sa katawan
- Pagpapalig sa katawan
- Pagpapalig sa katawan
- Pagpapalig sa katawan
- Pagpapalig sa katawan

Information Education Campaign (IEC)



Equipping Emergency Response Units

Prevention & EWS

Preparedness

Pre-Disaster Risk Assessment (PDRA)

-Hazard Specific
-Area Focused
-Time Bound

DILG Guidebook for Actions

DILG - CODIX

➔

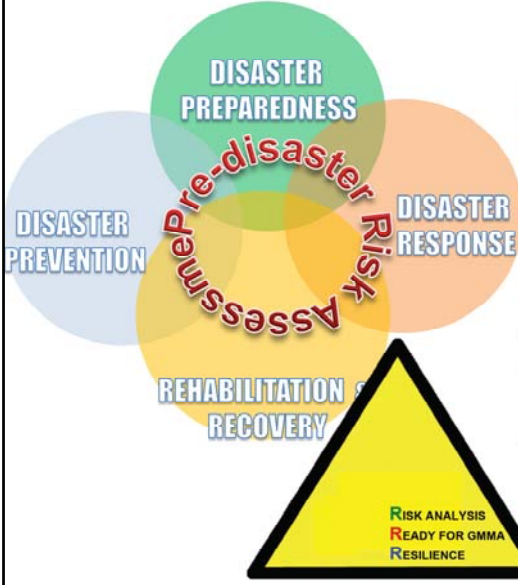
-Will alert LGUs with:
 ✓ Advisory
 ✓ Critical Preparedness Actions

ALPHA ACTIONS
BRAVO ACTIONS
CHARLIE ACTIONS


CHARLIE ACTIONS

General Action	Specific Action	72 Hrs	48 Hrs	24 Hrs
Get Organized!	Getting ready for evacuation	Set up the community Alchens	Set up separate area for special needs of mothers and infants and room for evacuees with illnesses/diseases	Set up a WCPD at the EC
		Preposition goods		
	Coordination	Coordinate with other agencies/partners for disaster response support needed		
Check weather bulletins	Every 6 hours	Every 6 hours	Every 6 hours	Every 6 hours
	Communities to be vigilant	Secure house and survival kits	Get ready for evacuation	

“PDRA-Actions, Programs and Protocol (PDRA-APP)



QUADRANTS	LOCAL GOVERNMENT UNITs Regional Separation for Response
North	Caloocan City, Quezon City, Valenzuela City, San Juan City, Mandaluyong City
East	Pasig City, Marikina City
West	Manila City, Malabon City, Navotas City, Pasay City (Western Part)
South	Las Piñas City, Makati City, Muntinlupa City Parañaque City, Taguig City, Municipality of Pateros, Pasay City (Southern Part)

Summary of Effects			
	TY YOLANDA	TY GLENDA	TY RUBY
 CASUALTIES	6,300 people dead	106 people dead	18 people dead
	23,869 injured	1,250 injured	916 injured
	1,061 Missing	5 Missing	NONE Missing
AFFECTED POPULATION	3,424,593 families	1,024,251 families	826,589 families
	16,078,181 persons	4,653,716 persons	3,530,307 persons
INFRA	12.055B	4.260B	3.654B
AGRI	23.25B	33.803B	1.436B
OTHER SECTORS	58.180B	552M	

IV. Ways Forward

- **Advocate on DRR/DRRM and CCA tools and activities**
- **Sharing of best practices by ADRC Member Countries**
- **Institutionalization through proper programming and budget allocation for sustainability of programs**

THANK YOU!

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