

NATURAL HAZARDS/DISASTERS: THE PHILIPPINE EXPERIENCE

Presented by:

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3RD HIGH LEVEL SEMINAR (HLS) ON ENVIRONMENTALLY
SUSTAINABLE CITIES IN SIEM REAP, CAMBODIA

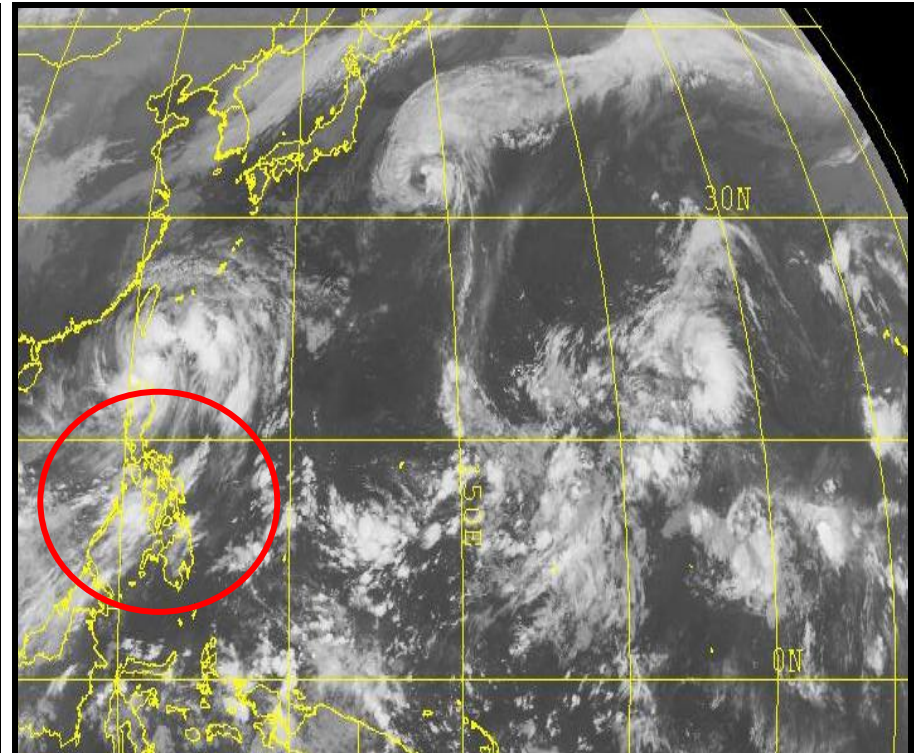
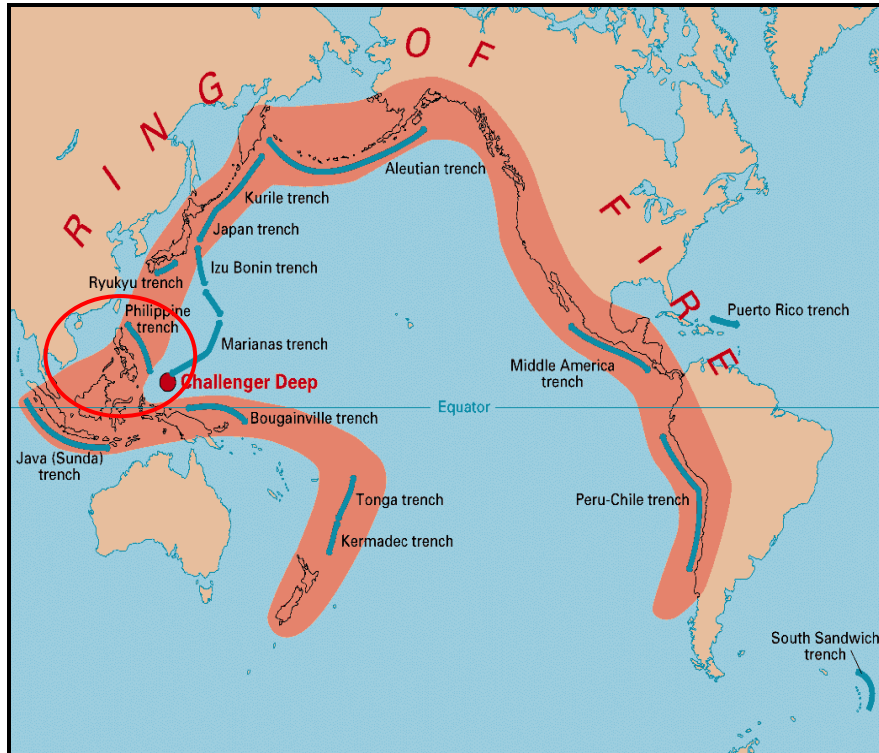
NATURAL HAZARDS/DISASTERS: THE PHILIPPINE EXPERIENCE

SCOPE

- **Philippine Risk Profile and Hazardscape**
- **Current Efforts on Disaster Management**
- **Recommendations**

PHILIPPINE RISK PROFILE

- Situated at the Pacific Ring of Fire and typhoon belt, the Philippines is vulnerable to almost all types of natural hazards.



LATEST EVENT: Earthquake

□ 06 February 2012, 11:49 AM – 6.9 Magnitude Earthquake in Negros Oriental resulted in:

- 51 deaths
- 62 missing
- 112 injuries
- 3 impassable roads
- 10 damaged bridges
- 15,787 damaged/destroyed house
- serious damages on electric facilities and water supply systems



- As of 20 Feb 2012 - 320,165 affected population from 180 barangays
- More than 1,000 after shocks reported

LATEST EVENT: Typhoon

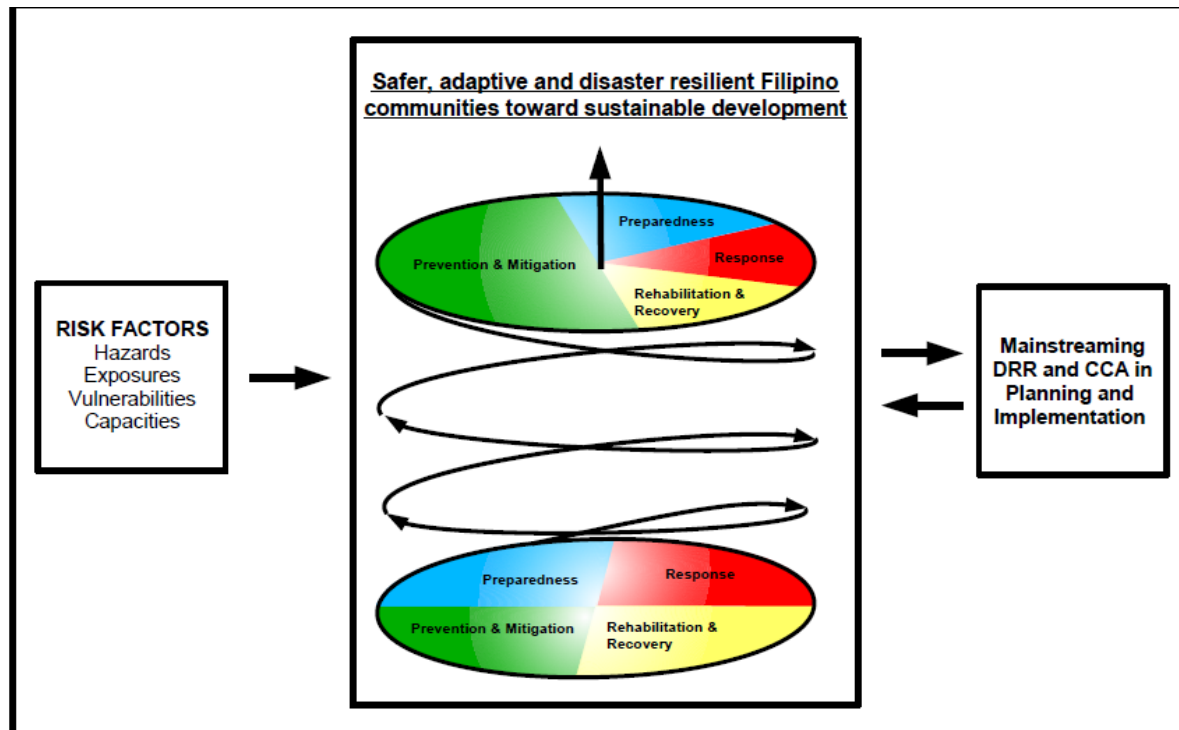
- 15 Dec 2011 - Tropical Storm “Washi”— 19th tropical cyclone in 2011 that caused torrential rains and eventual catastrophic flooding in Mindanao.

- “Sendong” or Washi” resulted in:
 - 1,168,726 affected population from 851 barangays
 - 1,268 deaths
 - 6,071 injuries
 - 181 missing
 - 441 rescued/survivor

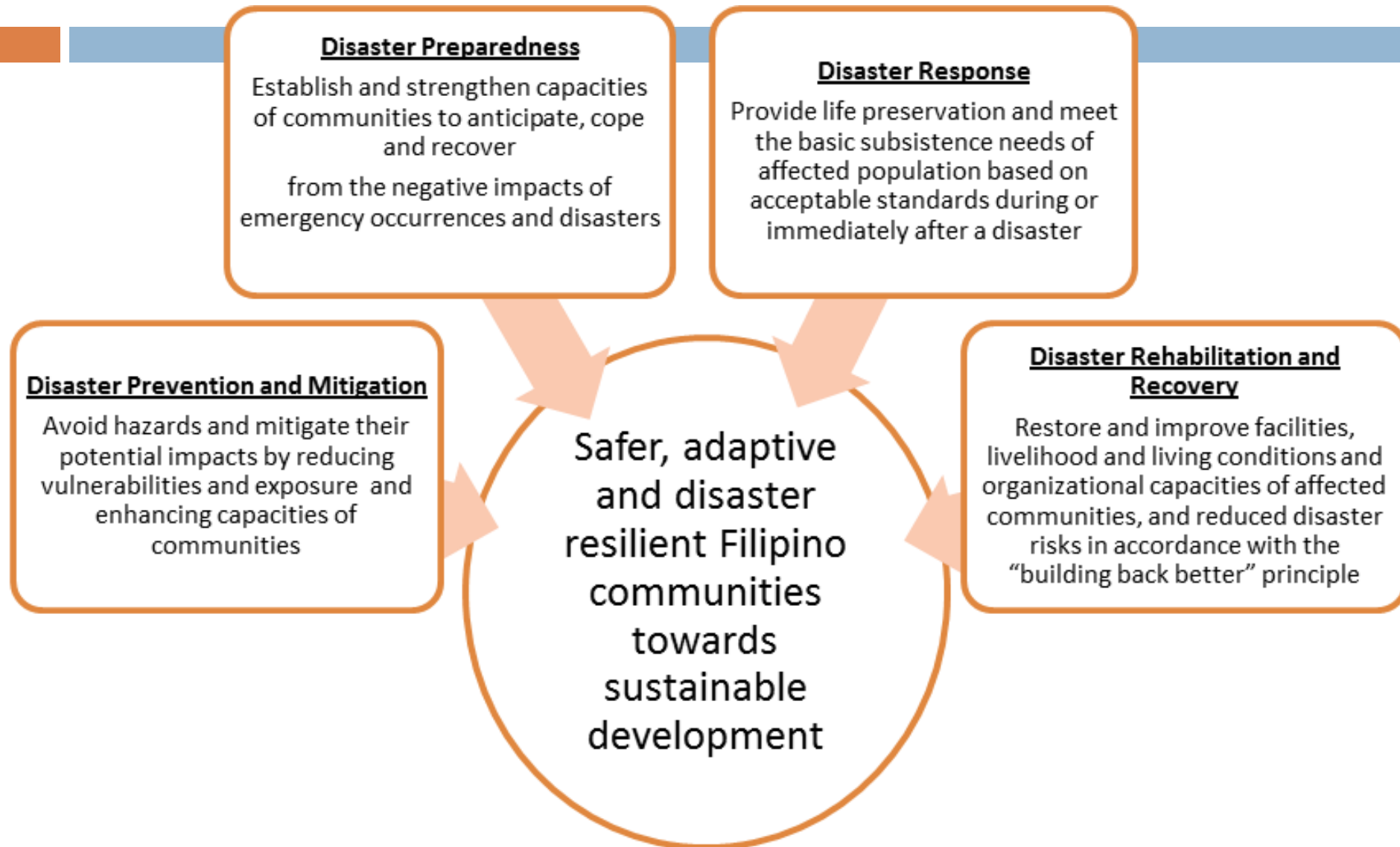


CURRENT EFFORTS: RISK AND DISASTER MANAGEMENT

1. **Paradigm Shift** – Reactive Disaster Management to Proactive DRRM
2. **Enactment of RA 10121** (May 27, 2010) **The Disaster Risk Reduction and Management Act of 2010** provides legal mandate to:
 - *strengthen Philippine DRRM thru the formulation of the NDRRM Framework and the institutionalization of the NDRRM Plan.*



3. Formulation and Mainstreaming of DRRM Plan under RA 10121: (2011-2028)



RECOMMENDATIONS

- Strengthen Preparedness and Mitigation Efforts
- Establish Early Warning System (EWS) in areas prone to natural hazards
- Conduct more science-based research and studies on disaster risk reduction and management
- Raise awareness of the communities at risk and make forecasts/warnings at the level of understanding of people.

MARAMING SALAMAT!

~END OF PRESENTATION~