

Integrated L&D-CCA-DRR Framework

RESILIENCE ACADEMY

Capstone Conference

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19 October 2017

**Woodrow Wilson International Center for Scholars
Washington, DC, USA**

Philippine Laws on Climate Change and Disaster Risk Reduction

Republic Act No. 9729

- **Title:** “Climate Change Act of 2009”
- **Objectives:** climate change adaptation and mitigation
- **Agency:** Climate Change Commission (CCC) – lead policy making body on CC
- **Expected Output from Local Governments**
– Local Climate Change Action Plan (LCCAP)

Republic Act No. 10121

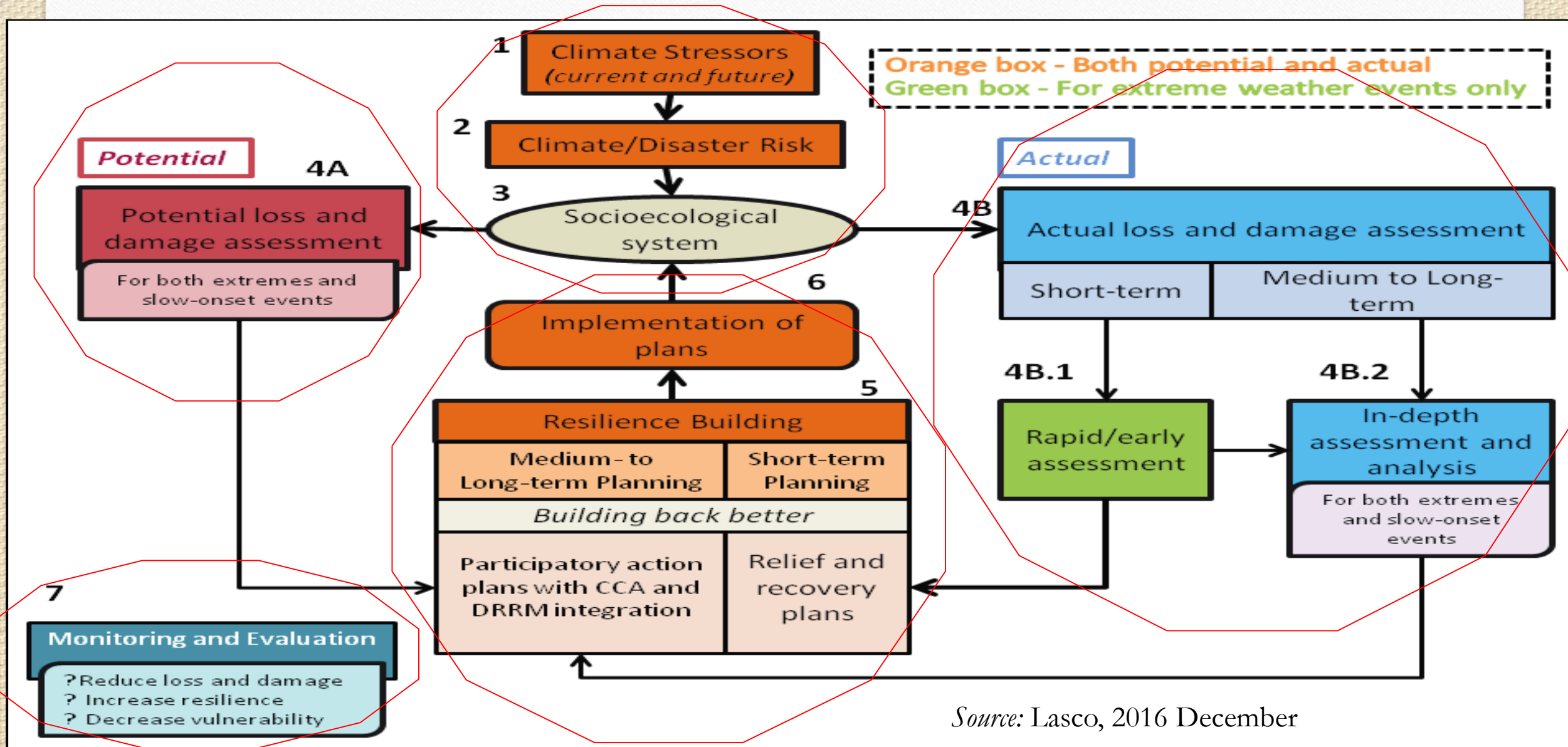
- **Title:** “Philippine Disaster Risk Reduction and Management Act of 2010”
- **Objectives:** disaster risk reduction
- **Agency:** National Disaster Risk Reduction and Management Council (NDRRMC) – coordinating body assisted by the Office of Civil Defense (OCD)
- **Expected Output from Local Governments**
– Local DRRM Plan (LDRRMP)

Summary of Perceived Issues on L&D in the Philippines with CCA and DRR

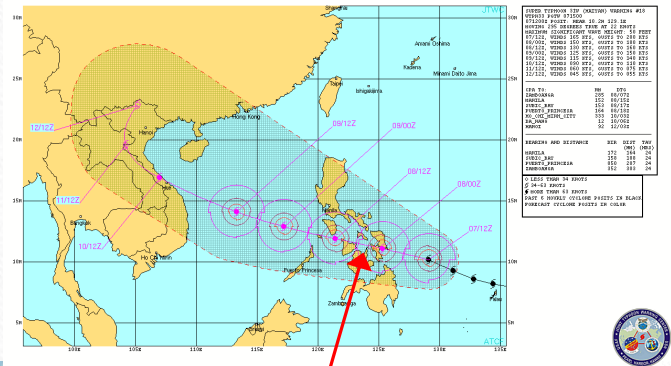
Issues	Results
Lack of a standardized process	Data mismatch
Lack of baseline data and projected damages and losses	Over- or under-estimation of post-disaster data
Slow assessment system	Relief, recovery, and rehabilitation are delayed
Data loss and absence of integrated data from various sectors	No basis for comparative analysis of data

Source: Gabriel et al., 2015, June.

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Source: Lasco, 2016 December



CASE STUDY IN ORMOC CITY

Assessing linkages between CCA, DRR, and L&D



Source: Wikipedia.



Source: Wikipedia.

Methods Used:

- **Cost-benefit analysis** - to **project** potential damages from agricultural land area
- **Physical observation/ocular survey** - to assess **actual** damages in infrastructure and agriculture sectors

Problems Encountered:

- Not comprehensive for potential L&D due to lack of technical capacity of staff; discontinued
- The actual damages data were used mainly for immediate relief and response to the affected community,
- No in-depth analysis for rehabilitation and recovery planning.

Source: Lasco, 2016
December

Importance of L&D Assessment in Local Governance

SECTOR	IMPORTANCE OF ASSESSING L&D
Budgeting and Accounting	Integrated in the annual budget of the city government
Interior and Local Government	Planned projects for each barangay, i.e., village, which will not be affected again by disasters
Engineering	Build back better infrastructure projects
Planning and Development	Comprehensive recovery and rehabilitation programs
Social Welfare & Development	Measure the extent of damage in the locality
Environment and Natural Resources	Gauge the extent of damaged forest lands and actual/existing forest cover
Tourism	To account for damaged heritage houses and ruins

Suggestions

1. Sectoral analysis, e.g., education, agriculture, health, energy, tourism, biodiversity, etc.
2. Develop computer-aided software that will assist local governments computer potential and actual losses and damages
3. Train personnel on how to use the computer software and write recovery plans

END

Thank you