

Climate Risk Profiles

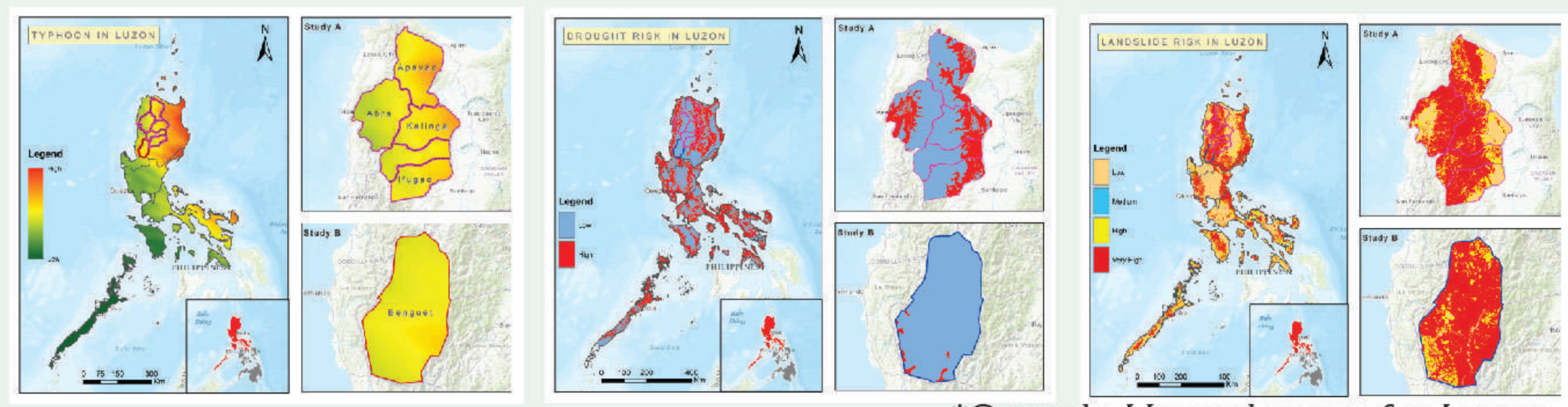
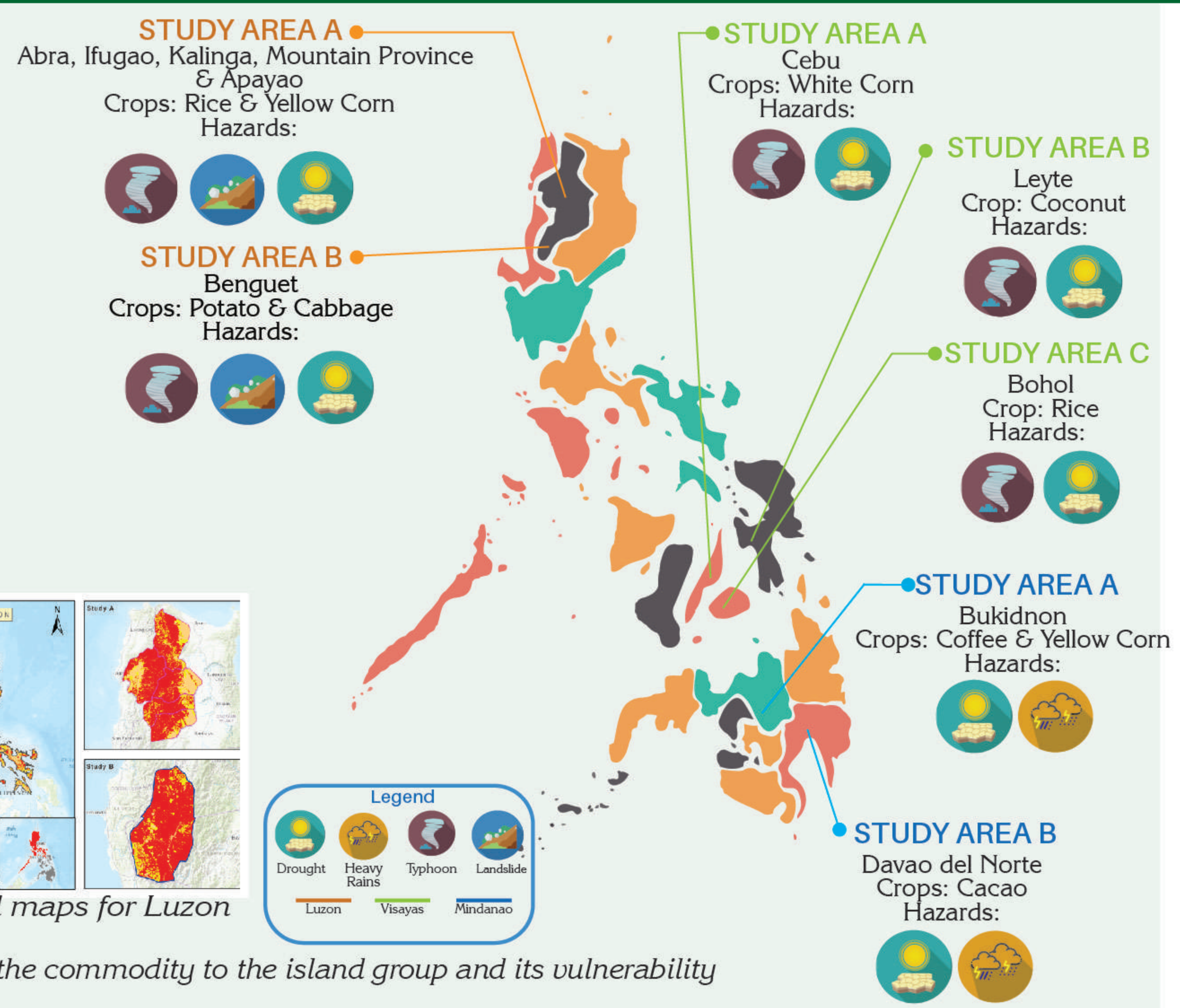


Luzon | Visayas | Mindanao

The Climate Risk Profile (CRP) methodology focuses on defining value chains (VC), farming systems and geographic areas that are highly sensitive and exposed to climate factors as well as assessing the programmatic interventions and institutional capacity to deliver adaptation options to help farmers cope with climate risks and vulnerabilities.

OBJECTIVES

1. Provide information on current climate and possible future climate scenarios;
2. Identify climate change-related vulnerabilities and risks for the population, livelihoods, investments, and the environment;
3. Focus on three value chains per island group;
4. Identify potential adaptation options and Climate-Resilient Agriculture (CRA) practices for combatting climate risks identified across the value chains; and
5. Understand institutional, program, and policy context for implementing CRA



*Sample Hazard maps for Luzon

*commodities and study areas selected according to the importance of the commodity to the island group and its vulnerability to prevalent climate risks.

COMPONENTS AND PROGRESS

- Provincial /regional statistics and literature collection: demographics, agricultural context, value chain agricultural commodities, institutions, and programs and policies for CRA
- Hazard maps were produced (see sample above)
- Crop suitability mapping is still ongoing
- Two-day stakeholder workshops were participated by different value chain actors from the stages of input provision, production, processing and marketing. Data collected include:
 - Farming systems
 - Agricultural activities
 - VC Actors
 - VC mapping
 - Climate Change consequences
 - Underlying vulnerability factors
 - Gender
 - CRA Adaptation options
 - Prioritization of CRA practices
 - Barriers to adoption

ACTIVITIES

Data were collected through secondary sources, Key Informant Interviews, Focus Group Discussions, and stakeholders workshops.

Value Chain Mapping

Hazard and consequence identification Prioritization of adaptation options

*Photos taken from the stakeholders workshop in Visayas

KEY FINDINGS

Adapting Agriculture to changes and variabilities in climate: strategies across major value chain commodities

	Provision of seeds and other inputs	On-farm production	Harvesting storage and processing	Product marketing
CACAO				
Drought				
Magnitude of impact	Severe-minor	Moderate	Moderate	Moderate
Farmers' current strategies to cope with the risks	Additional shading	Installation of sprinkler system; Mulching; Organic farming	Post-harvest facilities	Decrease in volume; Default trade agreements
Other potential to increase farmers' adaptive capacity	Water pumps/drilling facility	Water impounding facility		

*Sample Value Chain Analysis in Davao Del Norte, Mindanao