

# Effective Community-Based Adaptation Strategies in Philippine Governance

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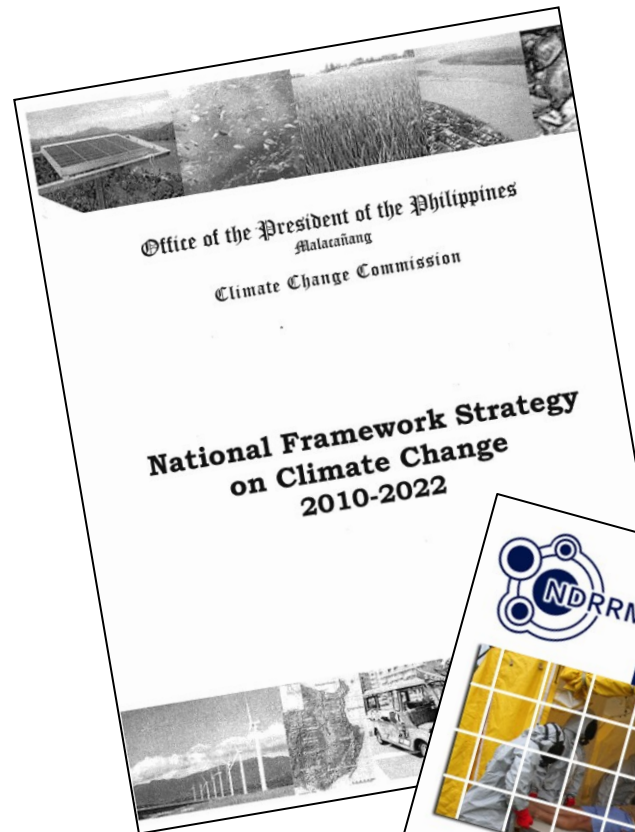
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# Philippines' Climate Change Act of 2009 and Disaster Risk Reduction and Management Act of 2010

*Both Acts emphasized community-based approach and enhancement of local capacity in addressing climate change impacts and disaster risks*





# “Bantay Dagat”

Ligao City, Albay

- “Sea patrol”
- Protects remaining mangrove forests
- Performs mangrove reforestation
- Apprehends illegal fishers in the sanctuary





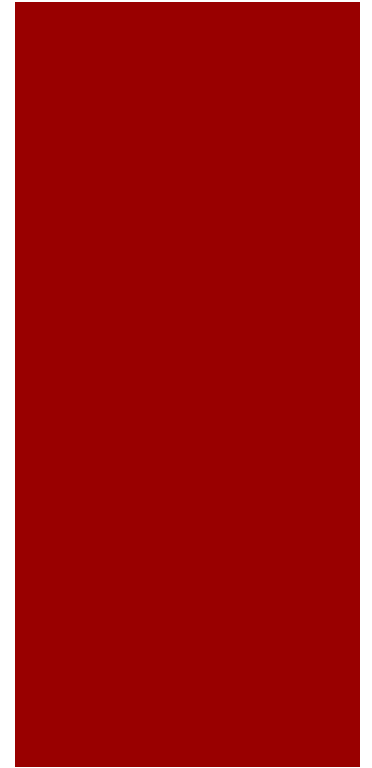


# Benefits



- Protection from strong winds
- Fishermen park and tie their boats in the mangroves during typhoons
- Mangroves help clean the sea by trapping wastes in their branches, such as plastics
- Increase in fish catch





## **Conservation Farming Village**

CFV is a strategy that aims to uplift the lives of vulnerable upland farmers towards poverty eradication, climate change adaptation and environmental security.



## 1) Farm in Davao del Norte



## 2) Farm in Albay



**Outcomes of CFV**  
(Source: Carandang et al. 2011)



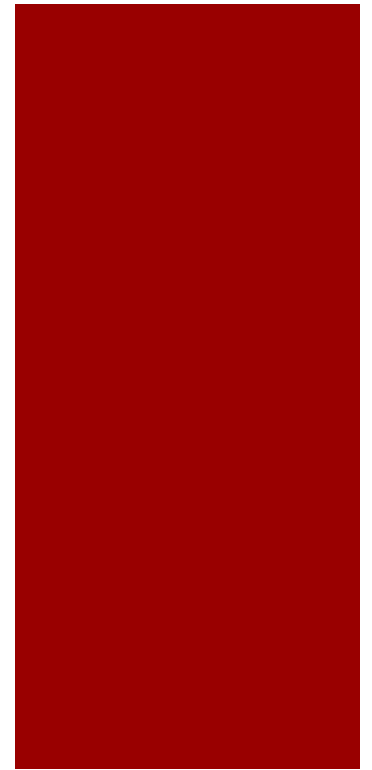
A farmer-led network of POs, NGOs, and scientists...

...working towards the sustainable use & management of biodiversity...

...through farmers' control of genetic and biological resources, agricultural production, etc.



## **MASIPAG Farmers' Resiliency to Climate Change**



## Success

MASIPAG has a network for Seed Exchange/Seed Bank which includes varieties of seeds that can withstand climate change manifestations.



# Management of Protected Area Religious Group in Mt. Banahaw





# Practices

The religious group has instituted rules and regulations to protect what they consider as the sacred mountain, which include not cutting the trees.

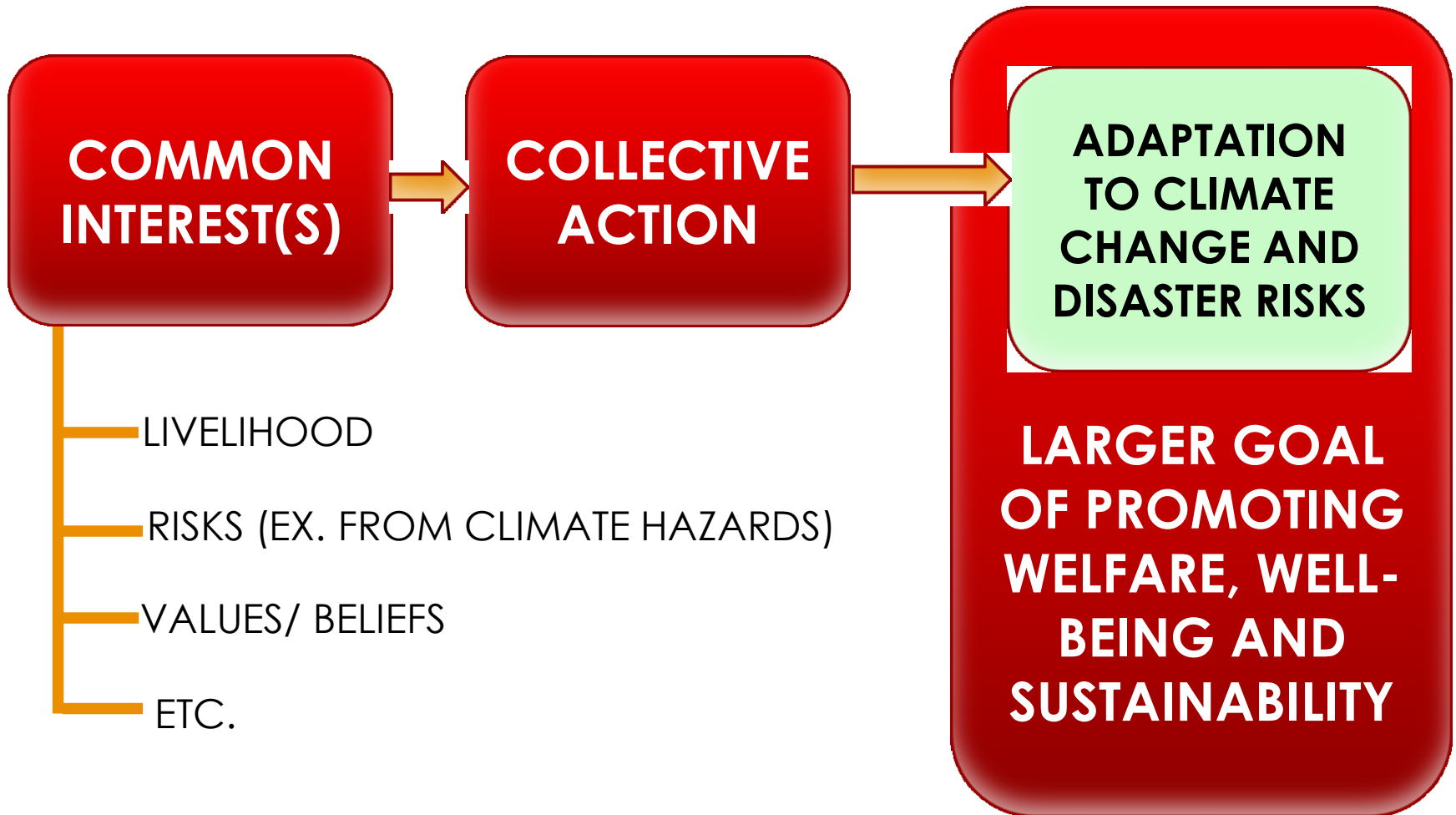
Adherence to the rule comes from loyalty from religious values or beliefs rather than from mere existence of the rule.

Photo Source: Mark Mayo-Magallanes,

<http://republicanegrense.com/2012/04/05/mount-banahaw-experience-history-and-mystery/>



# Lessons Learned on Community-Based Adaptation Strategies





***Thank you very much!***

***Maraming salamat!***

***Domo arigatou gozaimasu!***