

# Adaptation and Mitigation Initiative for Agriculture (AMI)



Department of Agriculture  
Regional Field Office XII  
Koronadal City

**Climate Risk Vulnerability  
Assessment (CRVA) Map for  
the Province of Sultan  
Kudarat  
(Maize commodity)**



SENSITIVITY INDEX



HAZARD INDEX



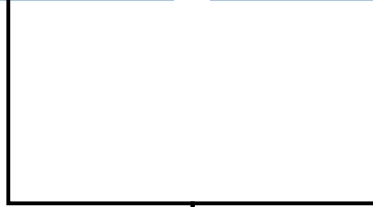
ADAPTIVE CAPACITY  
INDEX



VULNERABILITY MAP

# Climate-Risk Vulnerability Assessment (CRVA) Framework

## Exposure I: changes in temp. and prec.

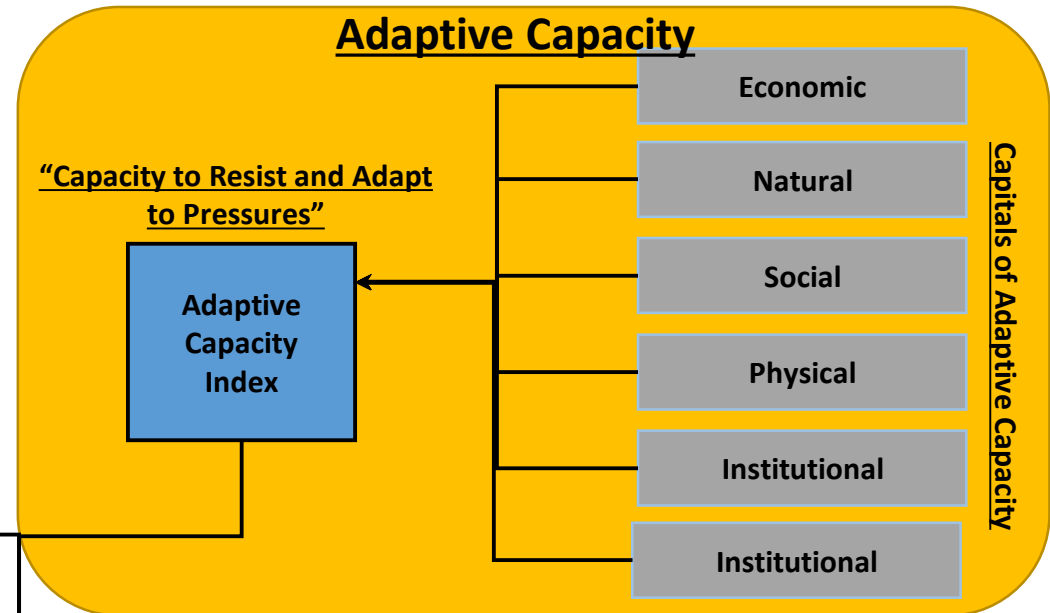
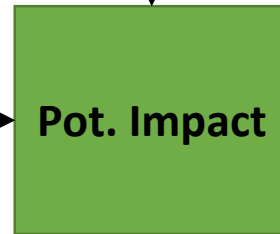


"Changes in Climatic Suitability to Grow Crops"  
*Future Conditions – Baseline Conditions*

## Exposure II: Biophysical Indicators (climate-related pressures)



"Exposure from hazards"



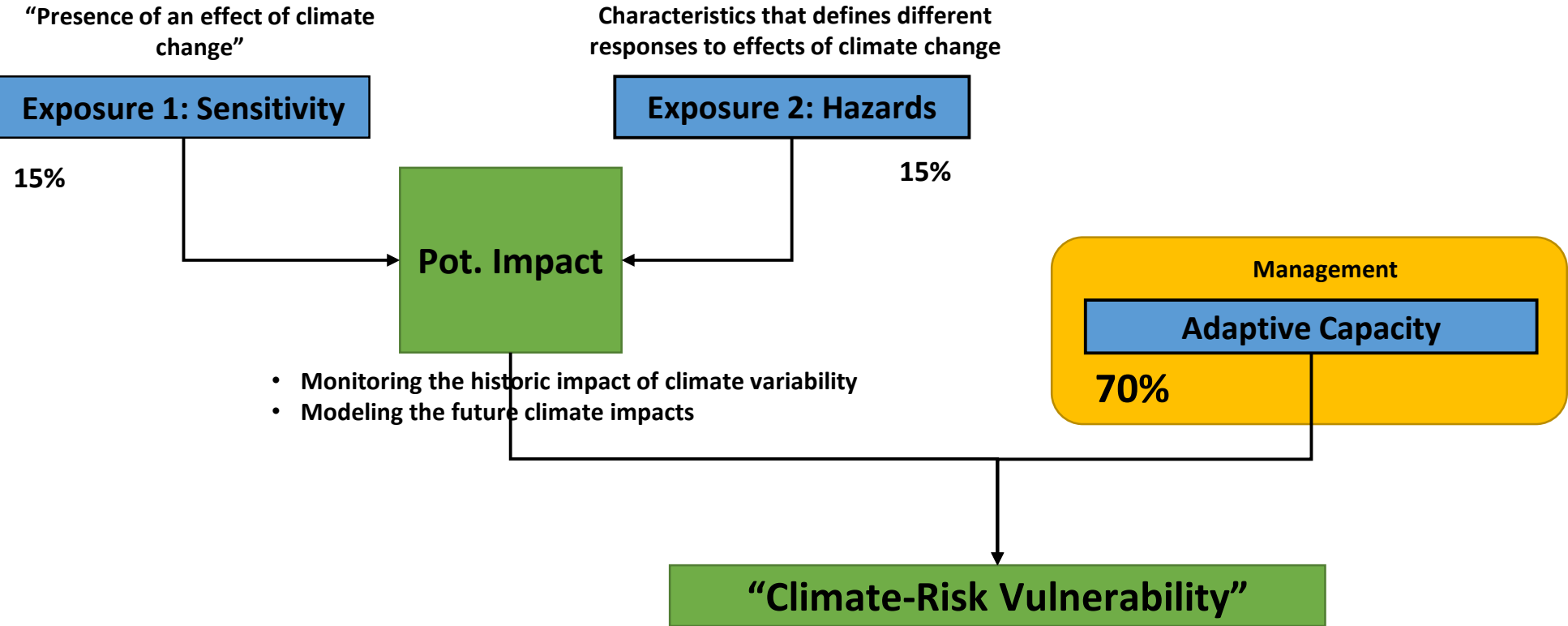
### Legend:

External Inputs

Derived Data

Spatial Analysis

# Climate-Risk Vulnerability Assessment (CRVA) Framework

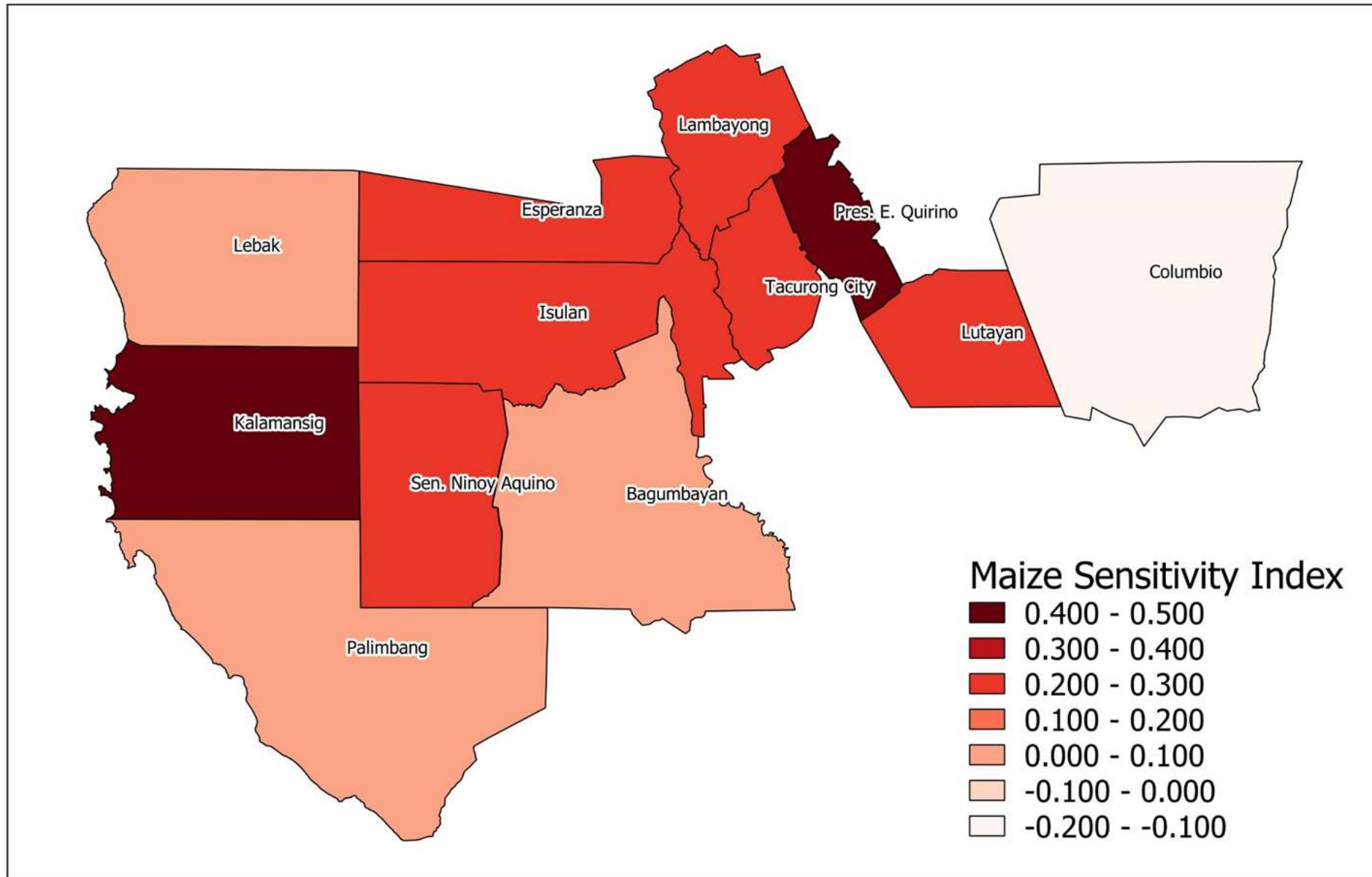




# SENSITIVITY INDEX



# PROVINCE OF SULTAN KUDARAT SENSITIVITY MAP



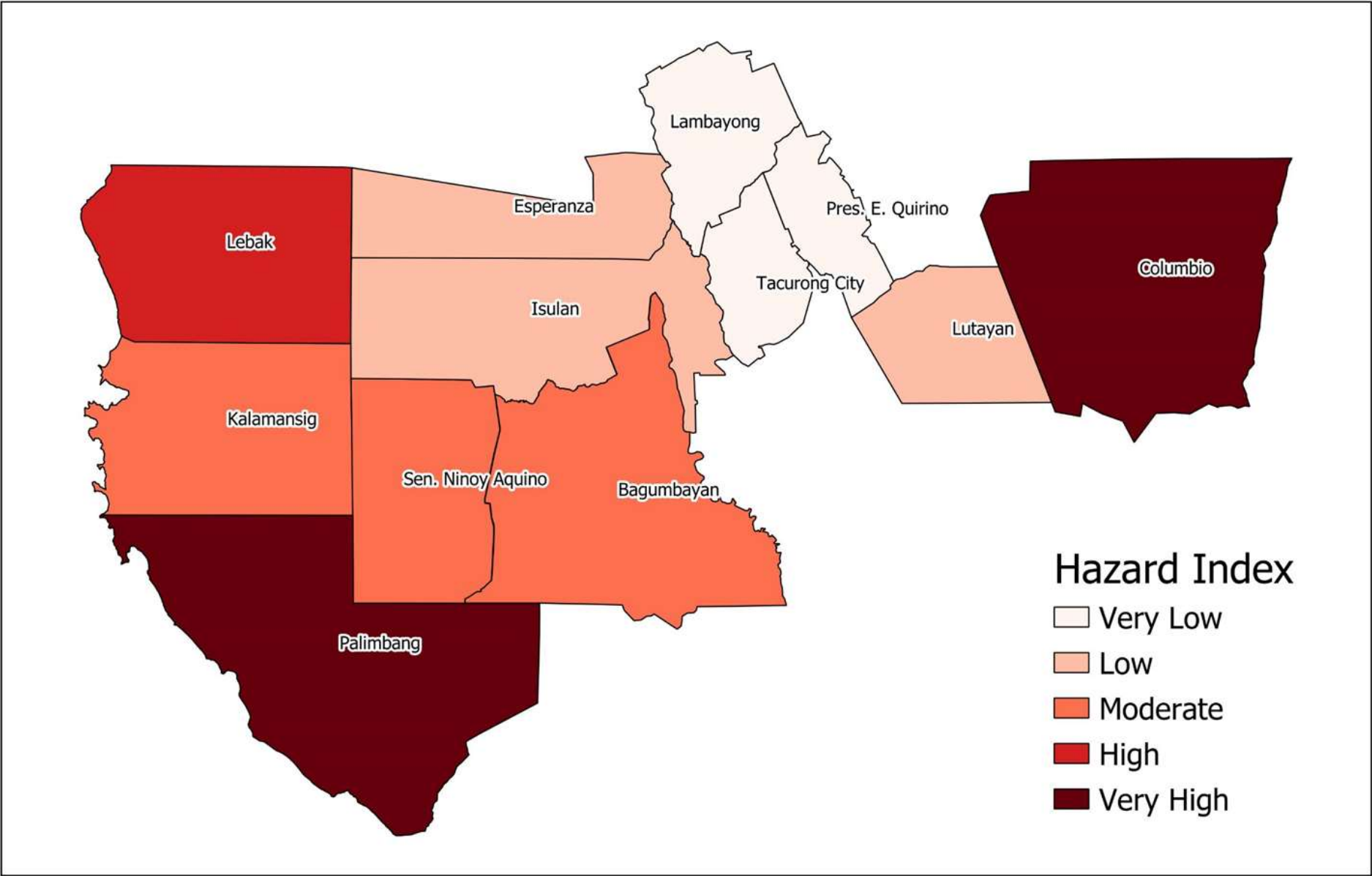


# HAZARD INDEX

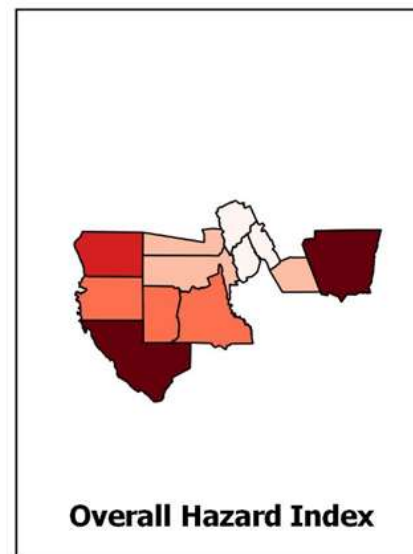
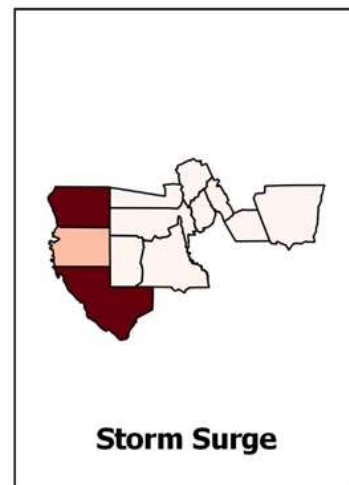
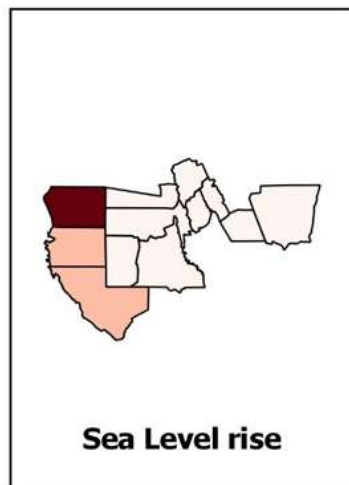
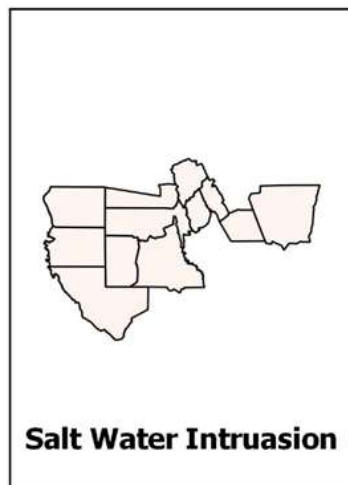
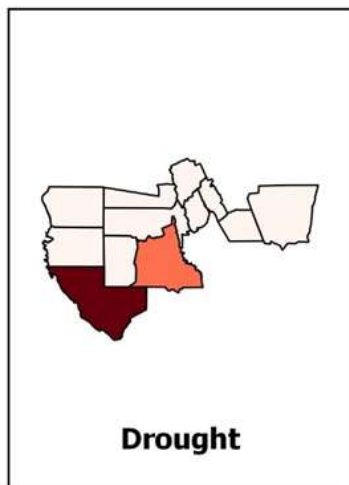
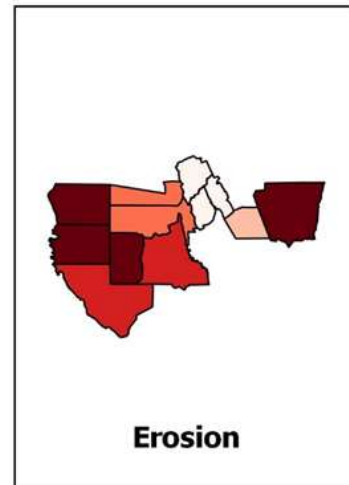
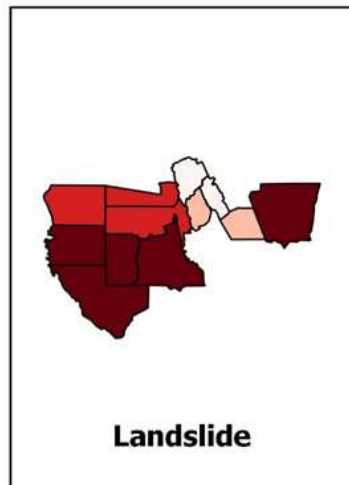
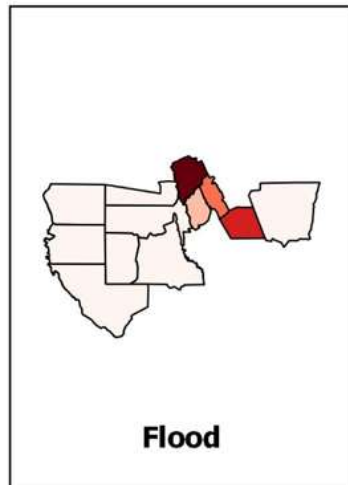
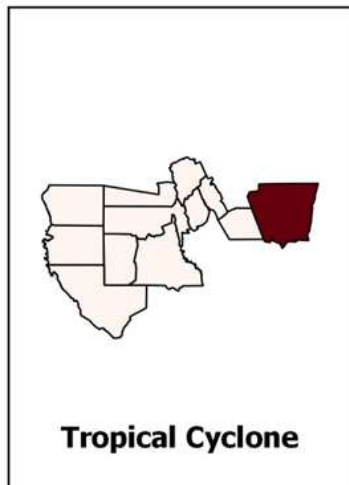




# PROVINCE OF SULTAN KUDARAT HAZARD MAP



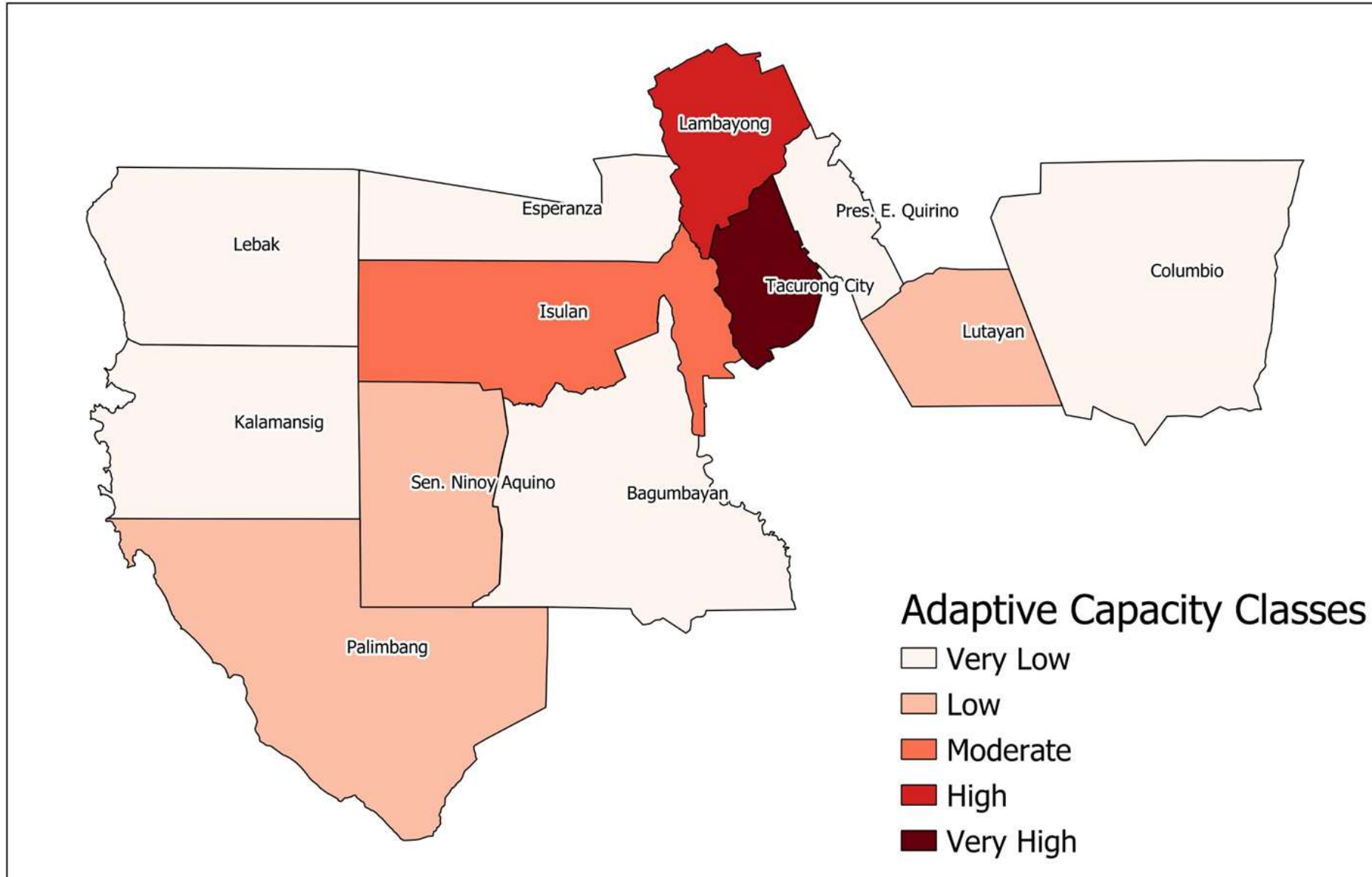
# PROVINCE OF SULTAN KUDARAT



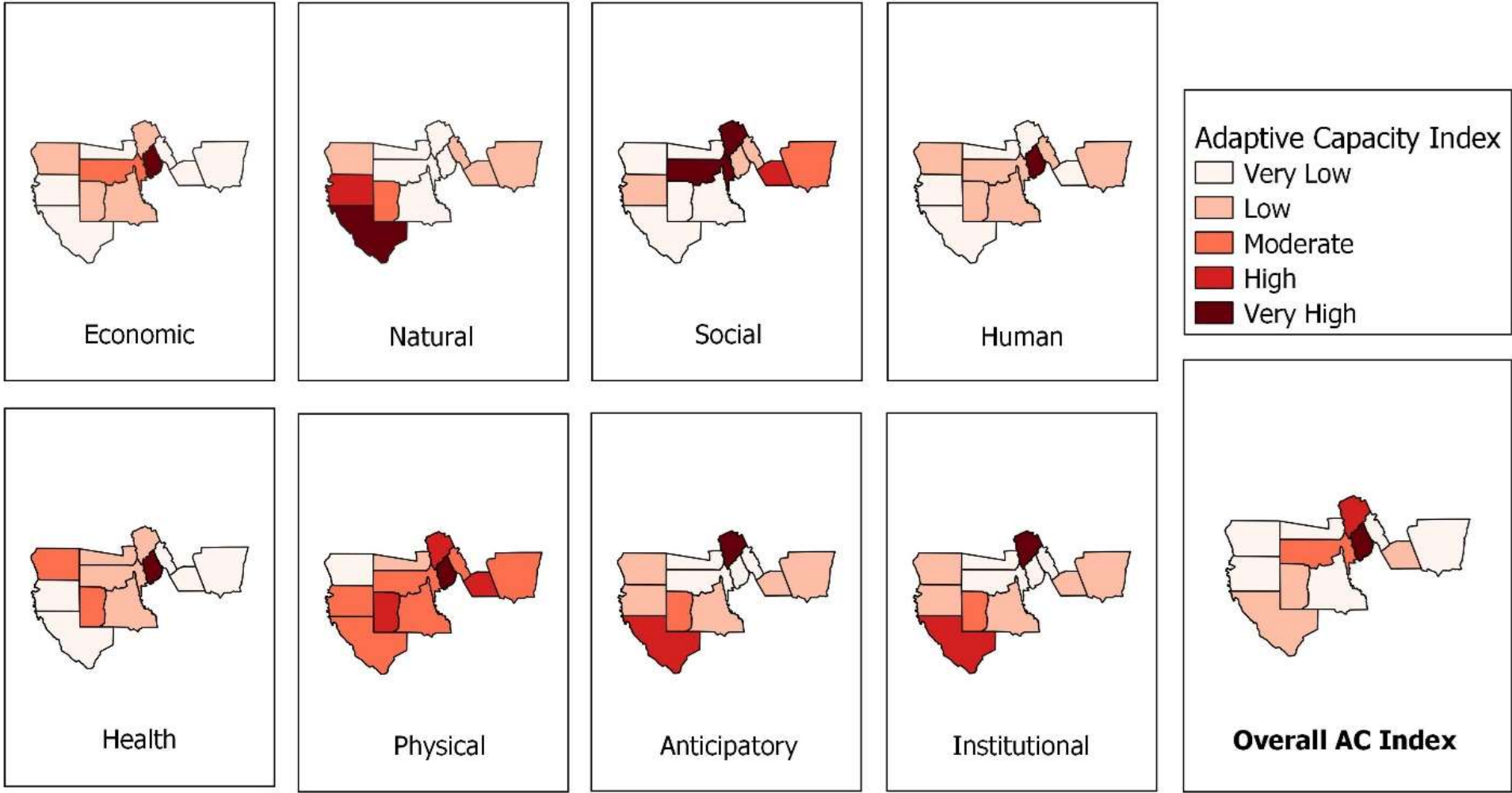


# ADAPTIVE CAPACITY INDEX

# PROVINCE OF SULTAN KUDARAT ADAPTIVE CAPACITY



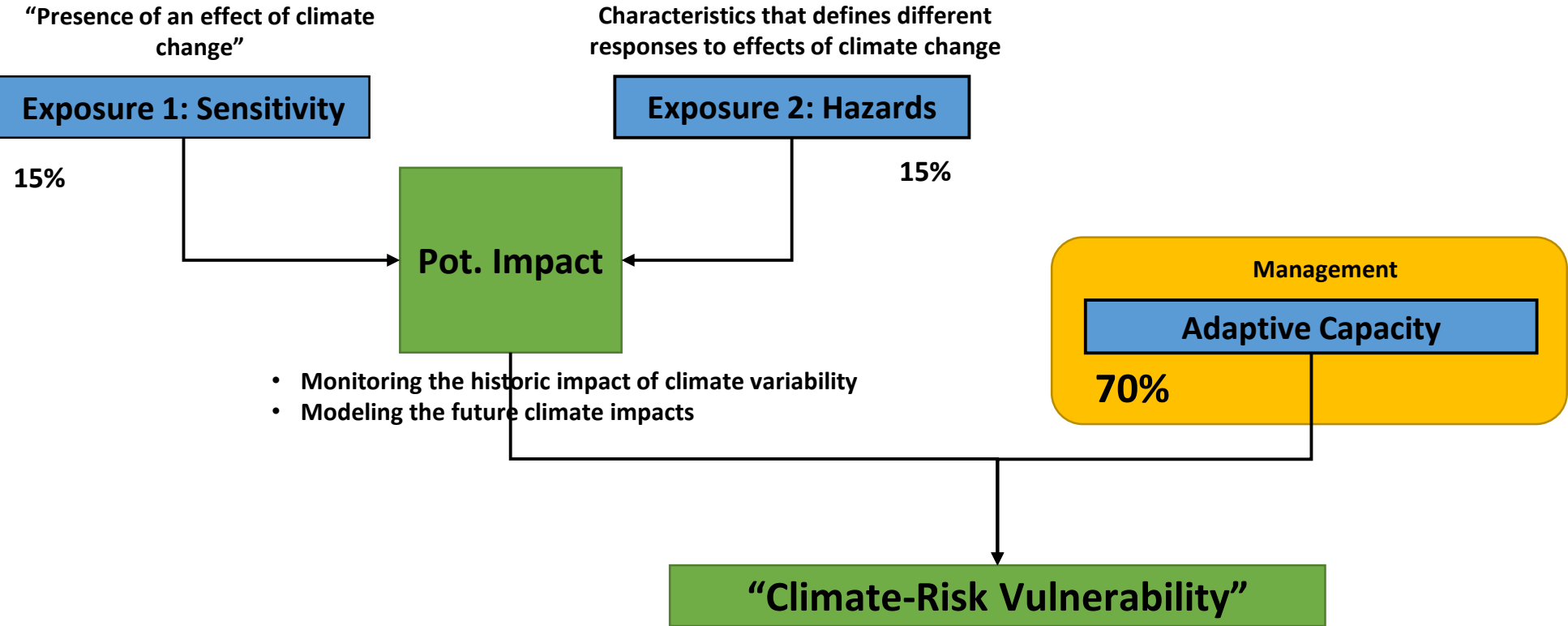
# PROVINCE OF SULTAN KUDARAT





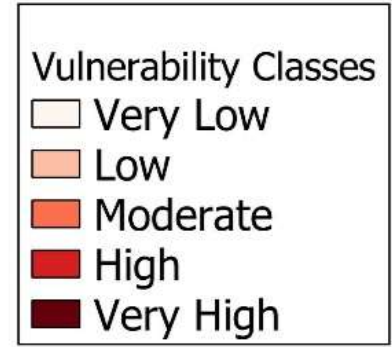
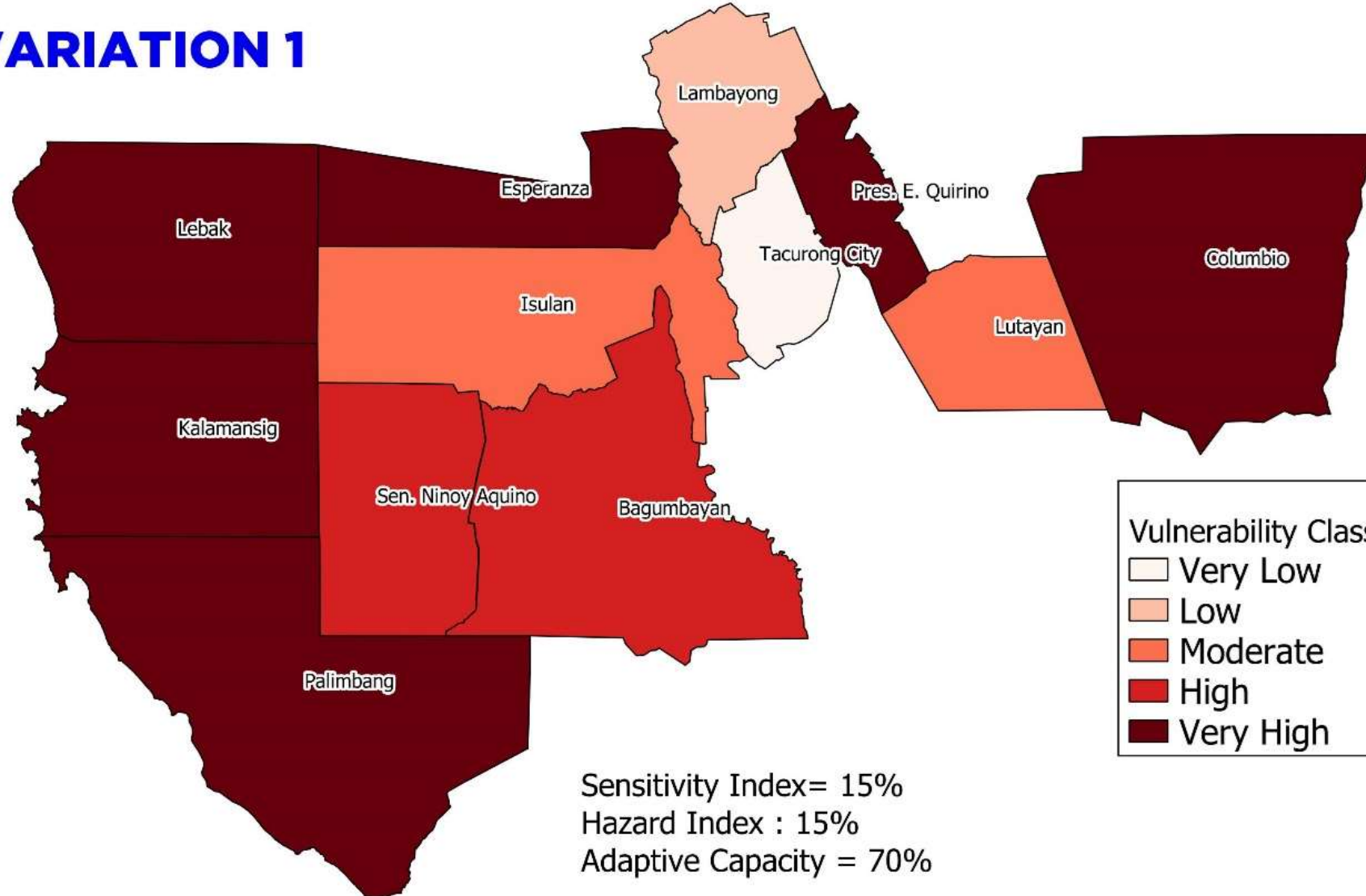
# VULNERABILITY MAP

# Climate-Risk Vulnerability Assessment (CRVA) Framework



# VULNERABILITY MAP FOR THE PROVINCE OF SULTAN KDUARAT (COMMODITY: MAIZE)

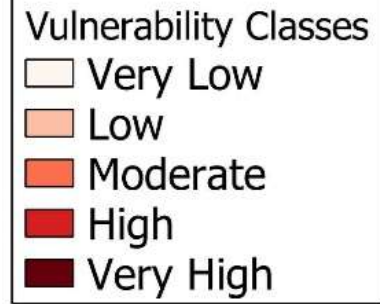
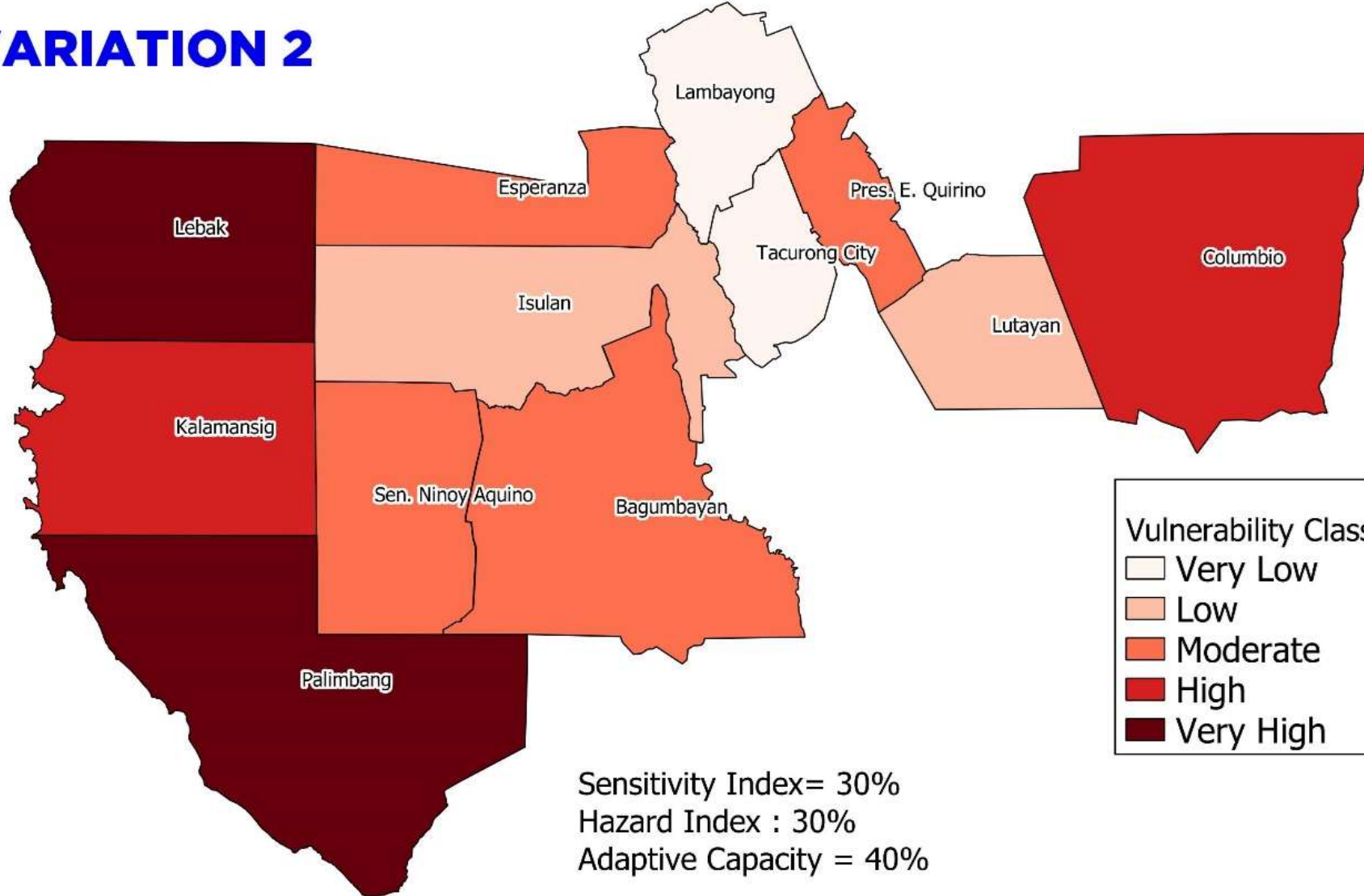
## VARIATION 1





# VULNERABILITY MAP FOR THE PROVINCE OF SULTAN KDUARAT (COMMODITY: MAIZE)

## VARIATION 2



Sensitivity Index= 30%  
Hazard Index : 30%  
Adaptive Capacity = 40%

# VULNERABILITY MAP FOR THE PROVINCE OF SULTAN KDUARAT (COMMODITY: MAIZE)

