

Adaptation and Mitigation Initiative for Agriculture (AMIA)



Department of Agriculture
Regional Field Office XII
Koronadal City

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



SENSITIVITY INDEX



HAZARD INDEX



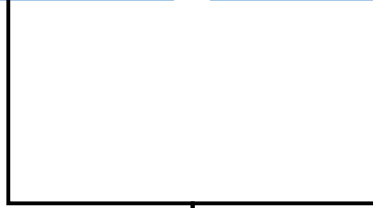
ADAPTIVE CAPACITY
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VULNERABILITY MAP

Climate-Risk Vulnerability Assessment (CRVA) Framework

Exposure I: changes in temp. and prec.

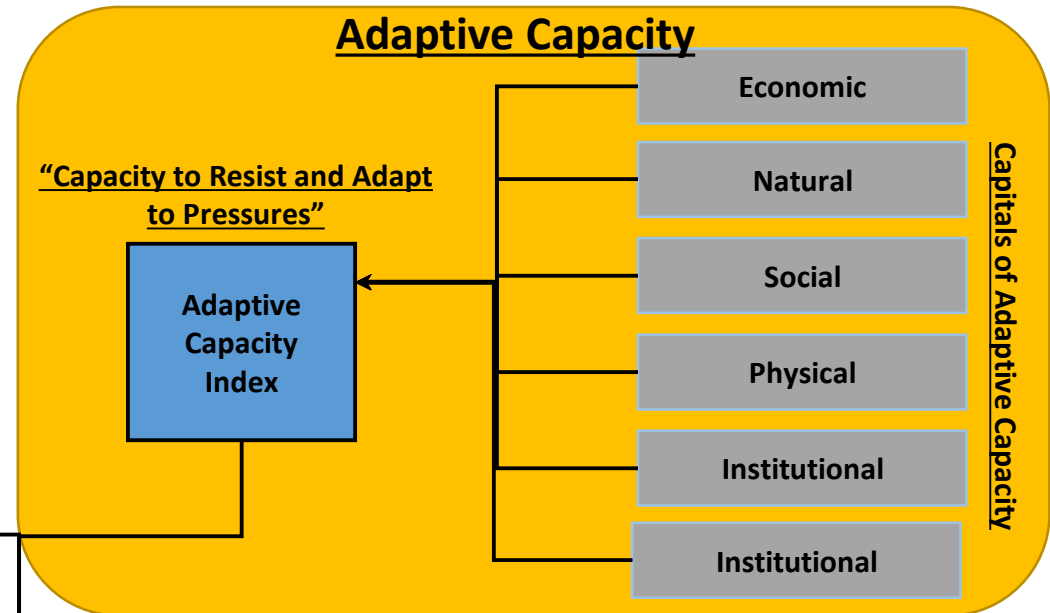
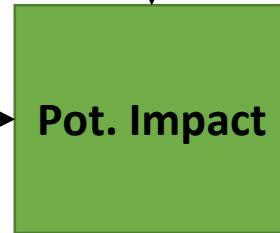


"Changes in Climatic Suitability to Grow Crops"
Future Conditions – Baseline Conditions

Exposure II: Biophysical Indicators (climate-related pressures)



"Exposure from hazards"



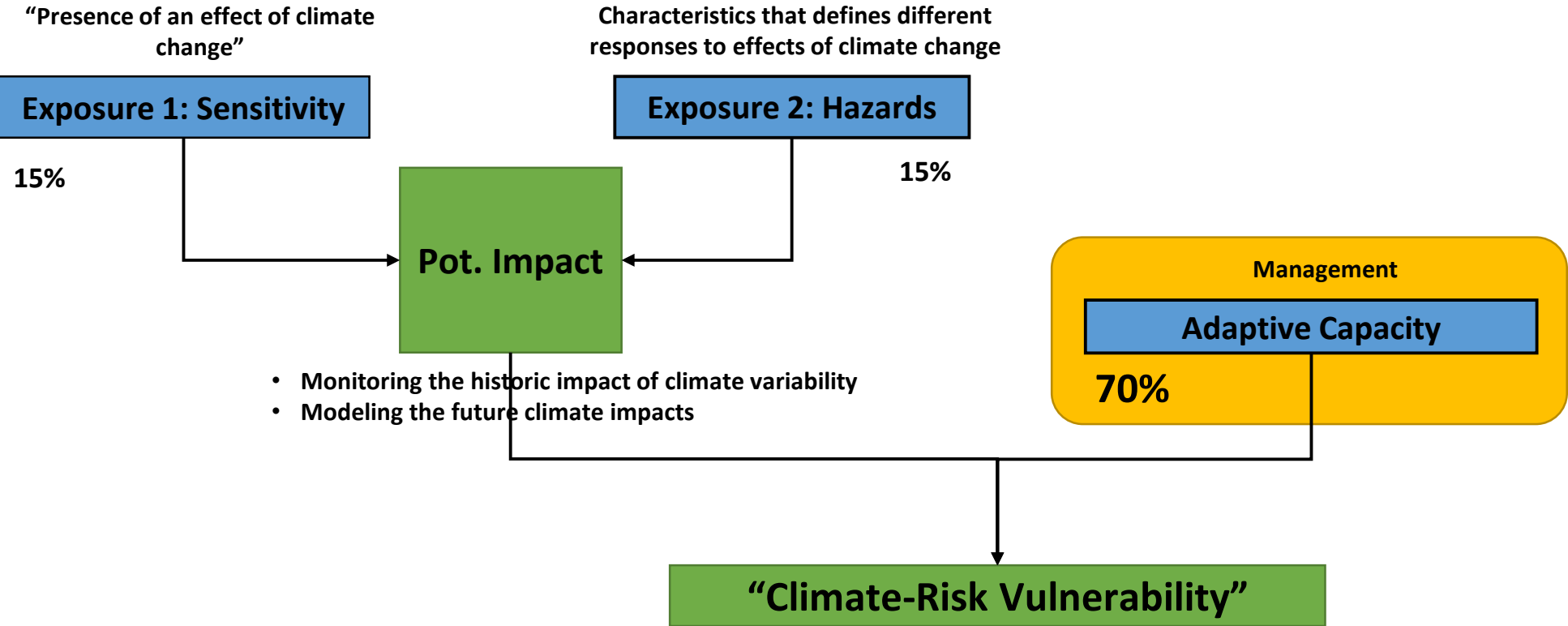
Legend:

External Inputs

Derived Data

Spatial Analysis

Climate-Risk Vulnerability Assessment (CRVA) Framework



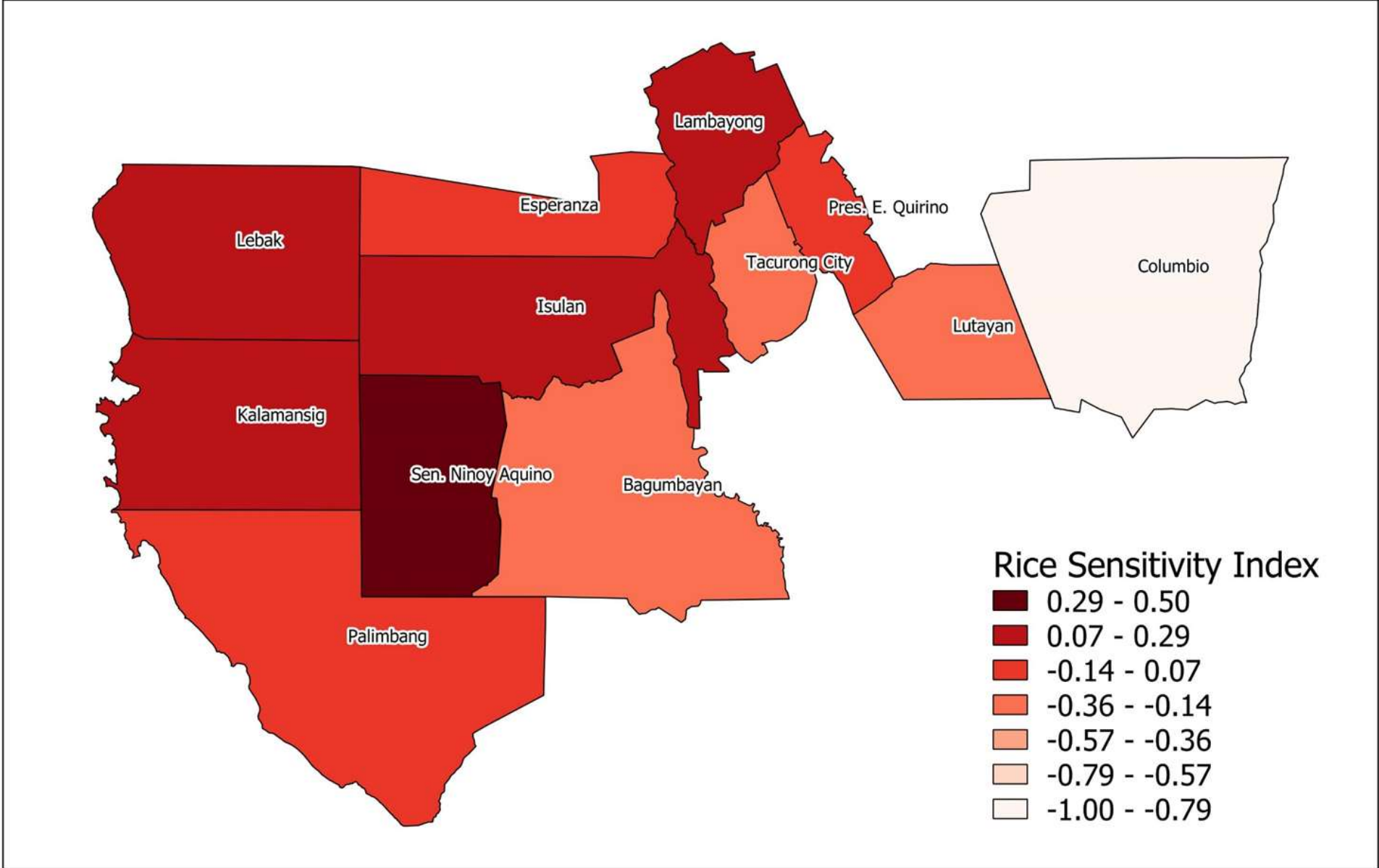


SENSITIVITY INDEX



PROVINCE OF SULTAN KUDARAT SENSITIVITY MAP

(Commodity - Rice)

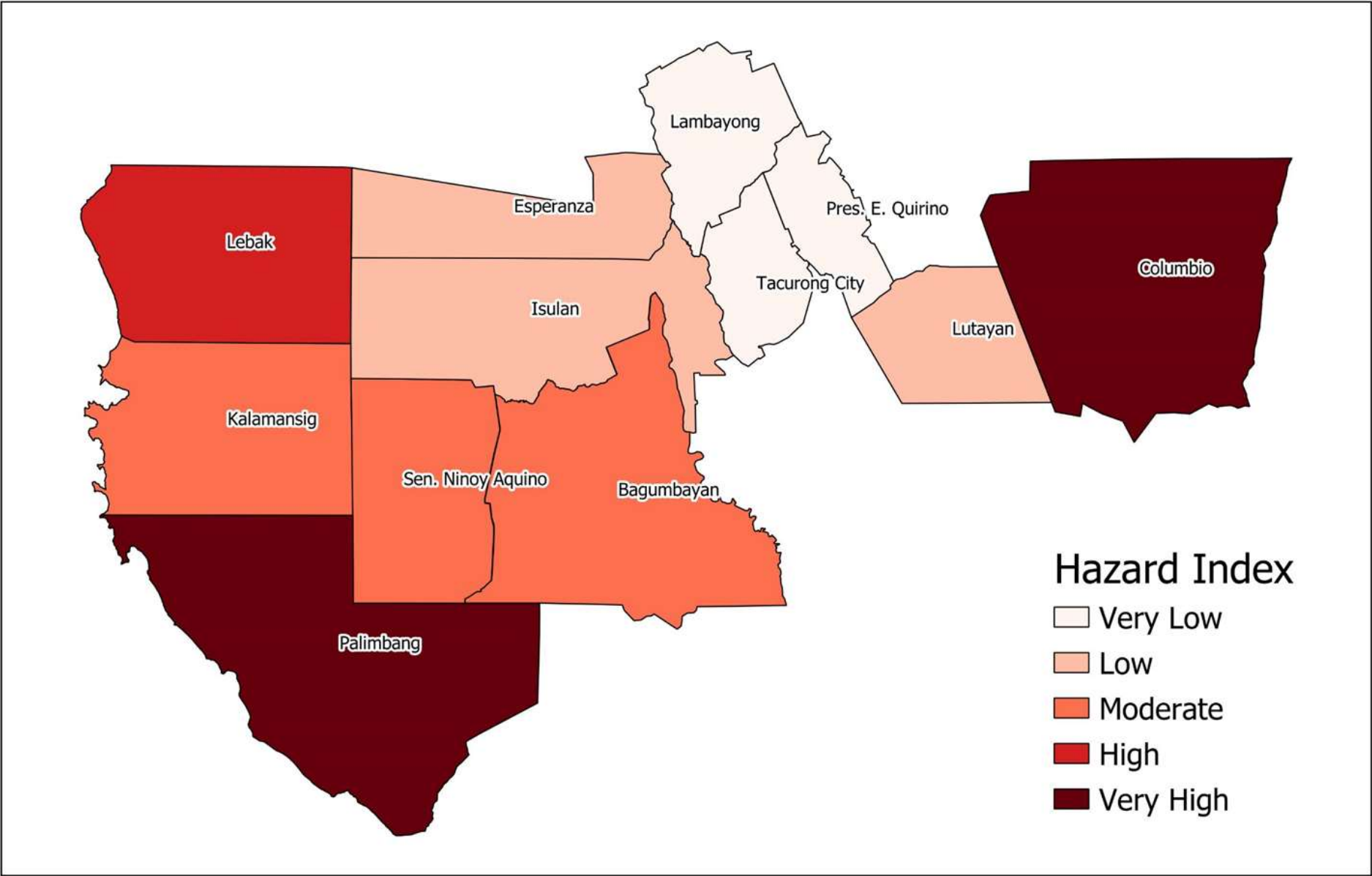




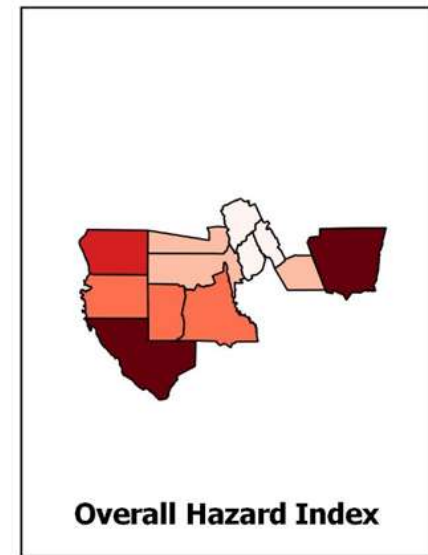
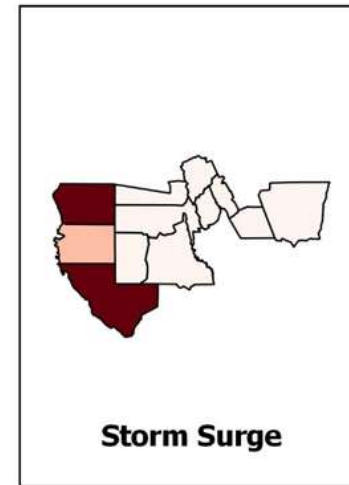
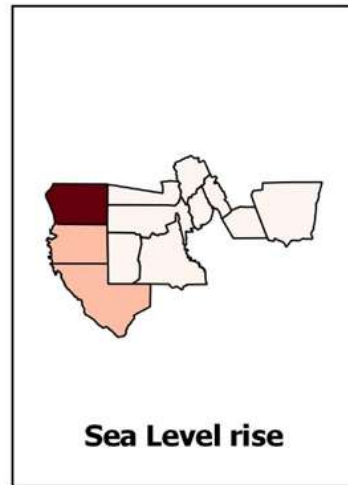
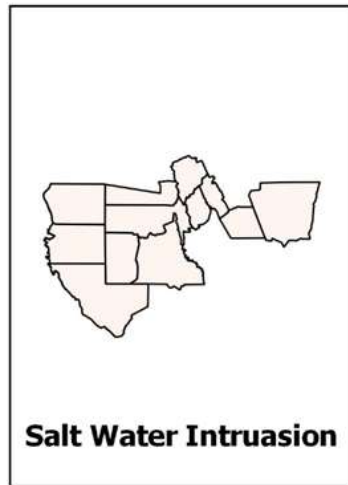
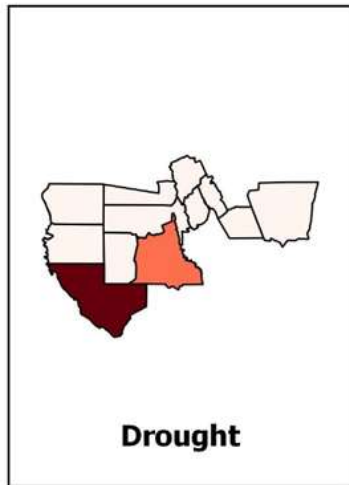
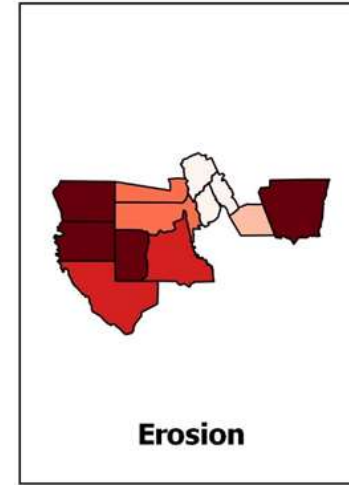
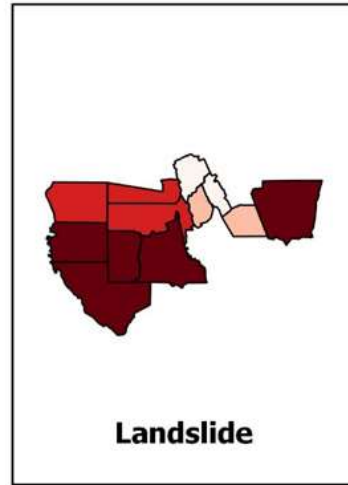
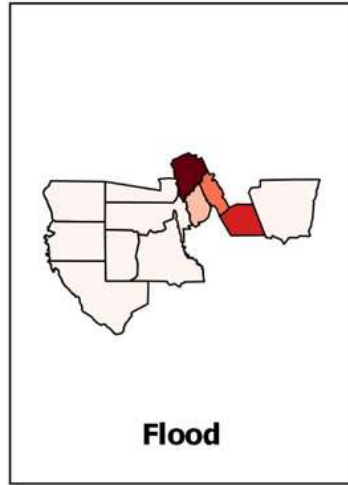
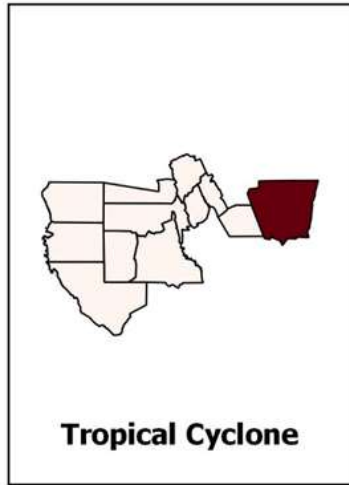
HAZARD INDEX



PROVINCE OF SULTAN KUDARAT HAZARD MAP



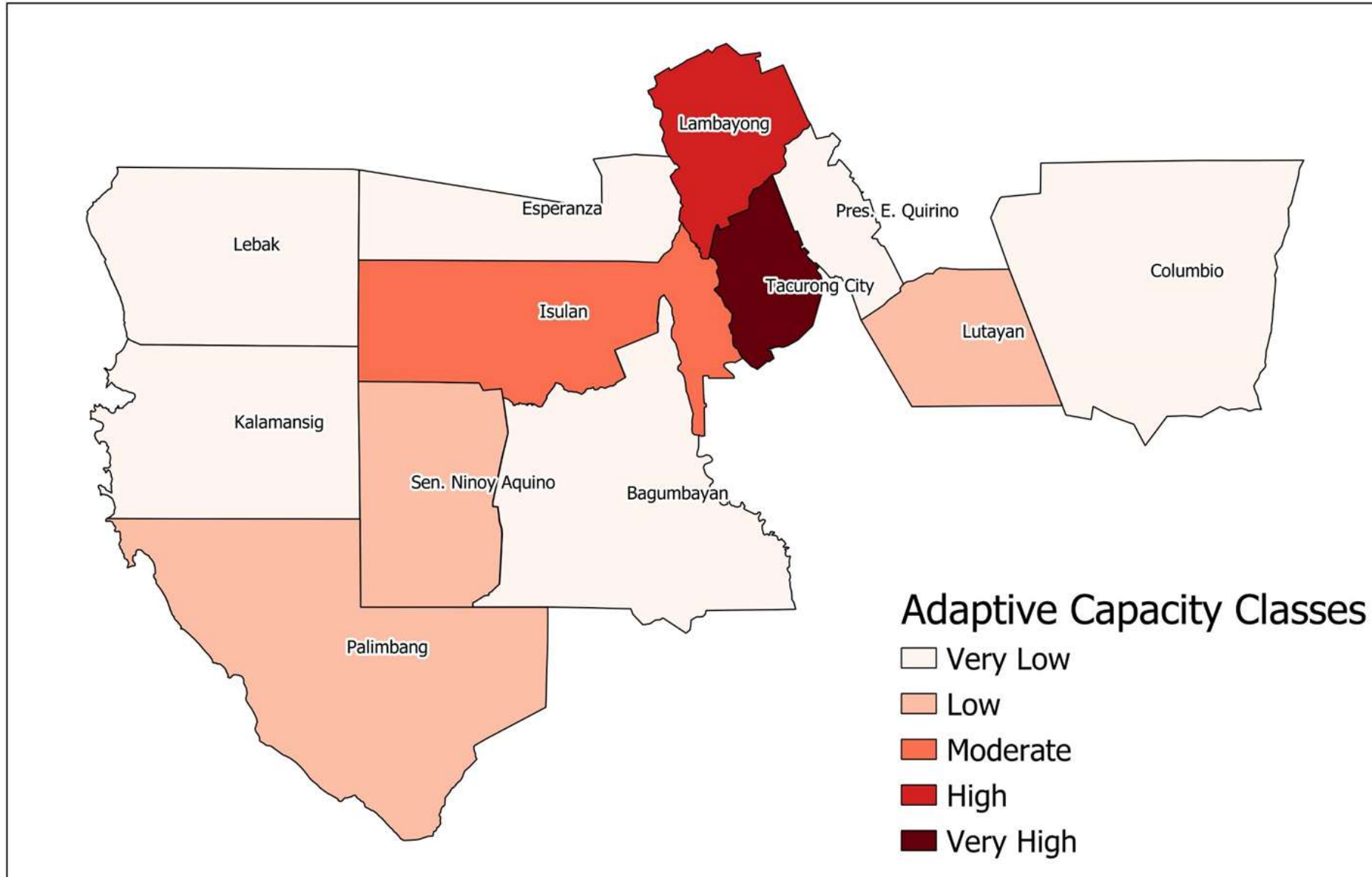
PROVINCE OF SULTAN KUDARAT



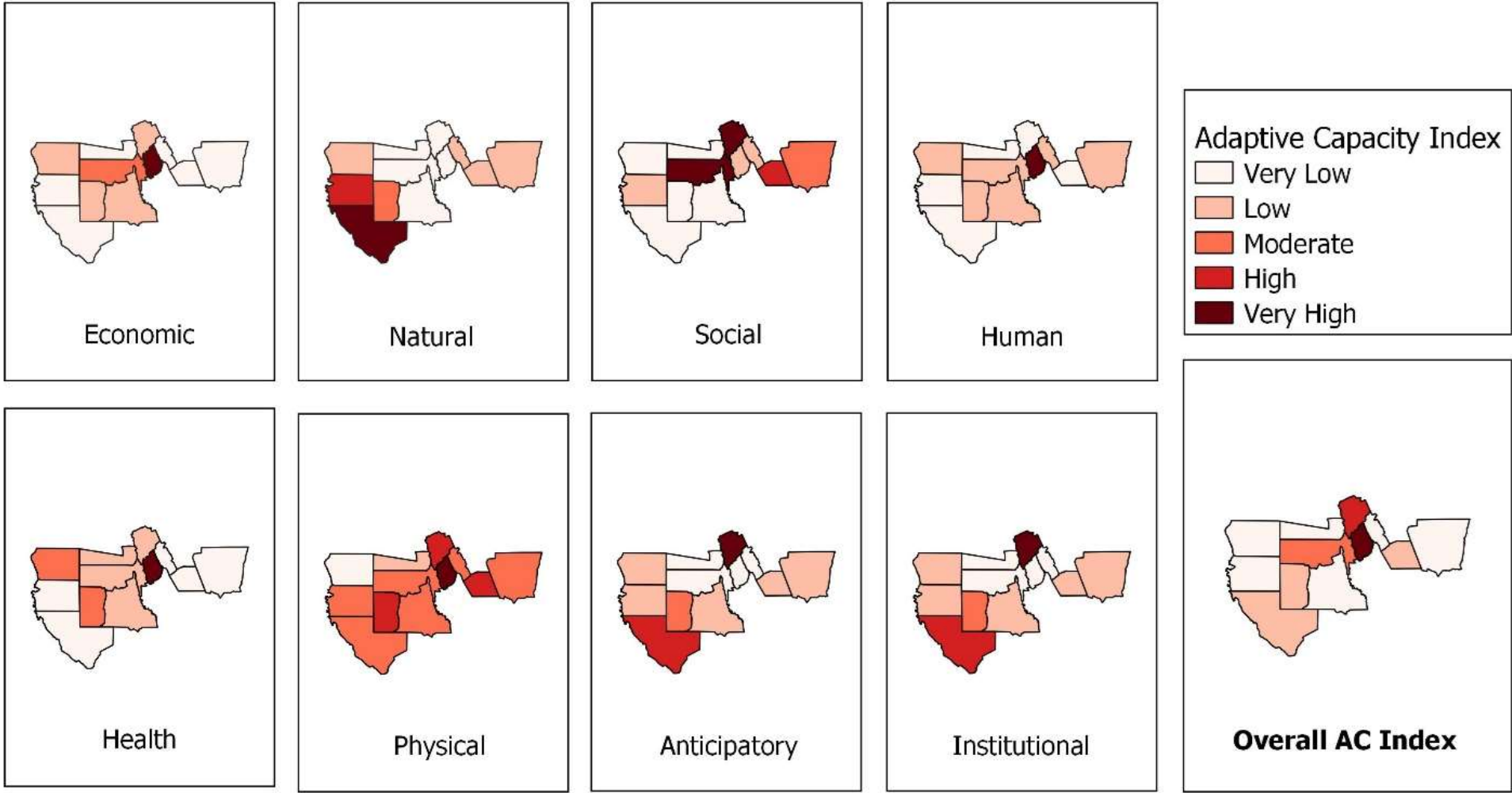


ADAPTIVE CAPACITY INDEX

PROVINCE OF SULTAN KUDARAT ADAPTIVE CAPACITY



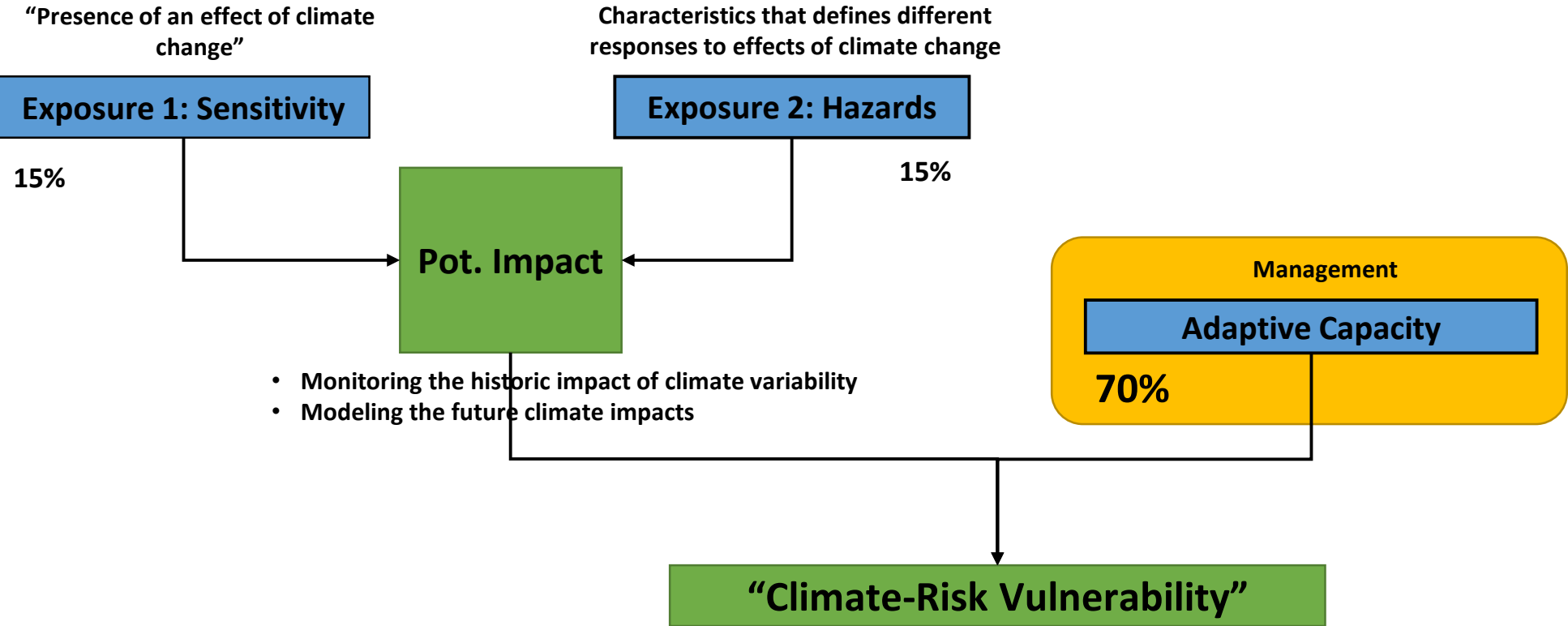
PROVINCE OF SULTAN KUDARAT





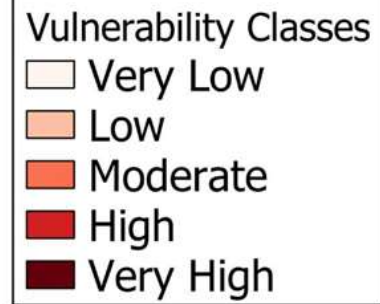
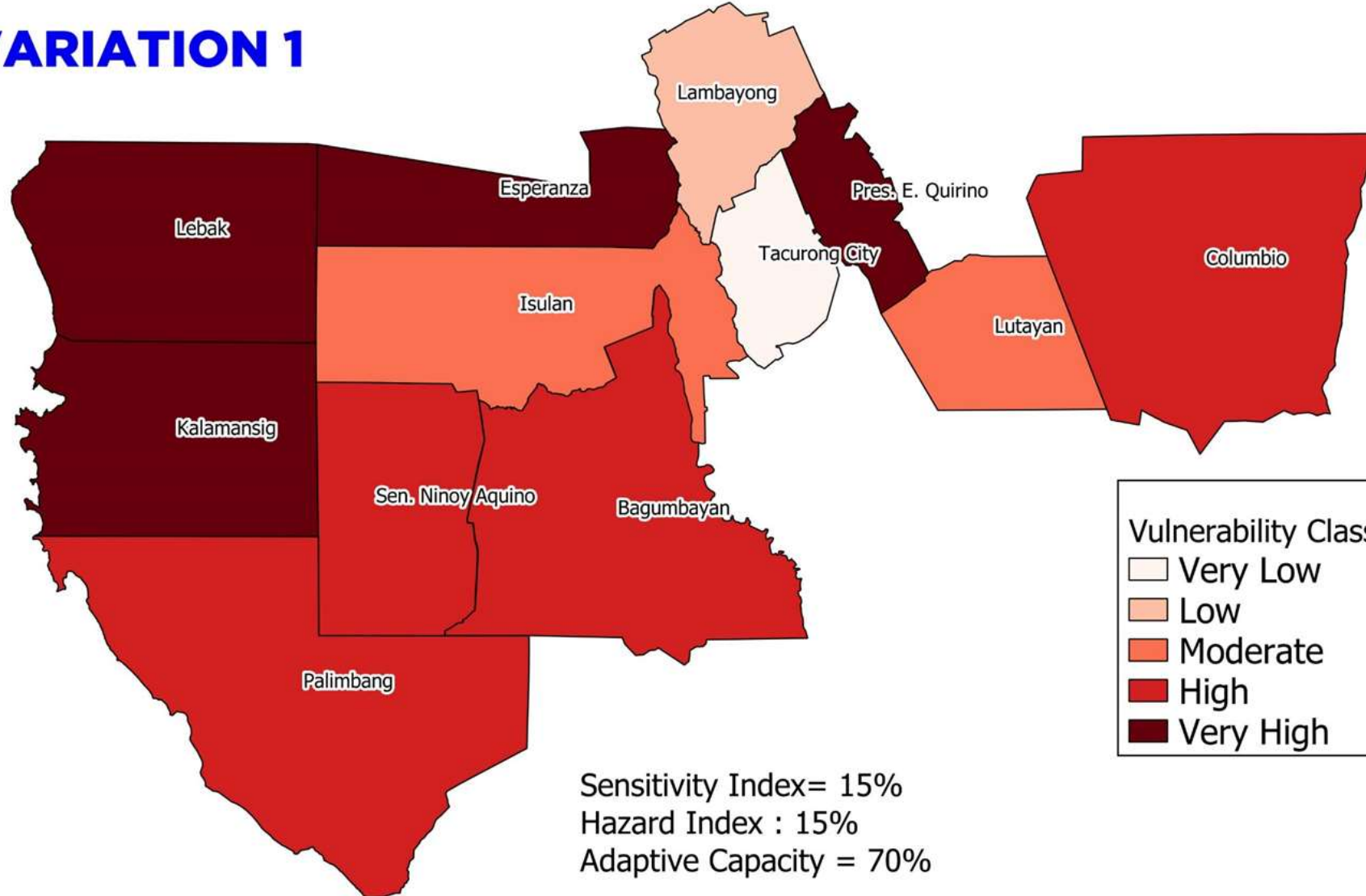
VULNERABILITY MAP

Climate-Risk Vulnerability Assessment (CRVA) Framework



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

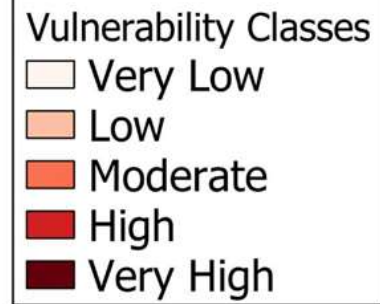
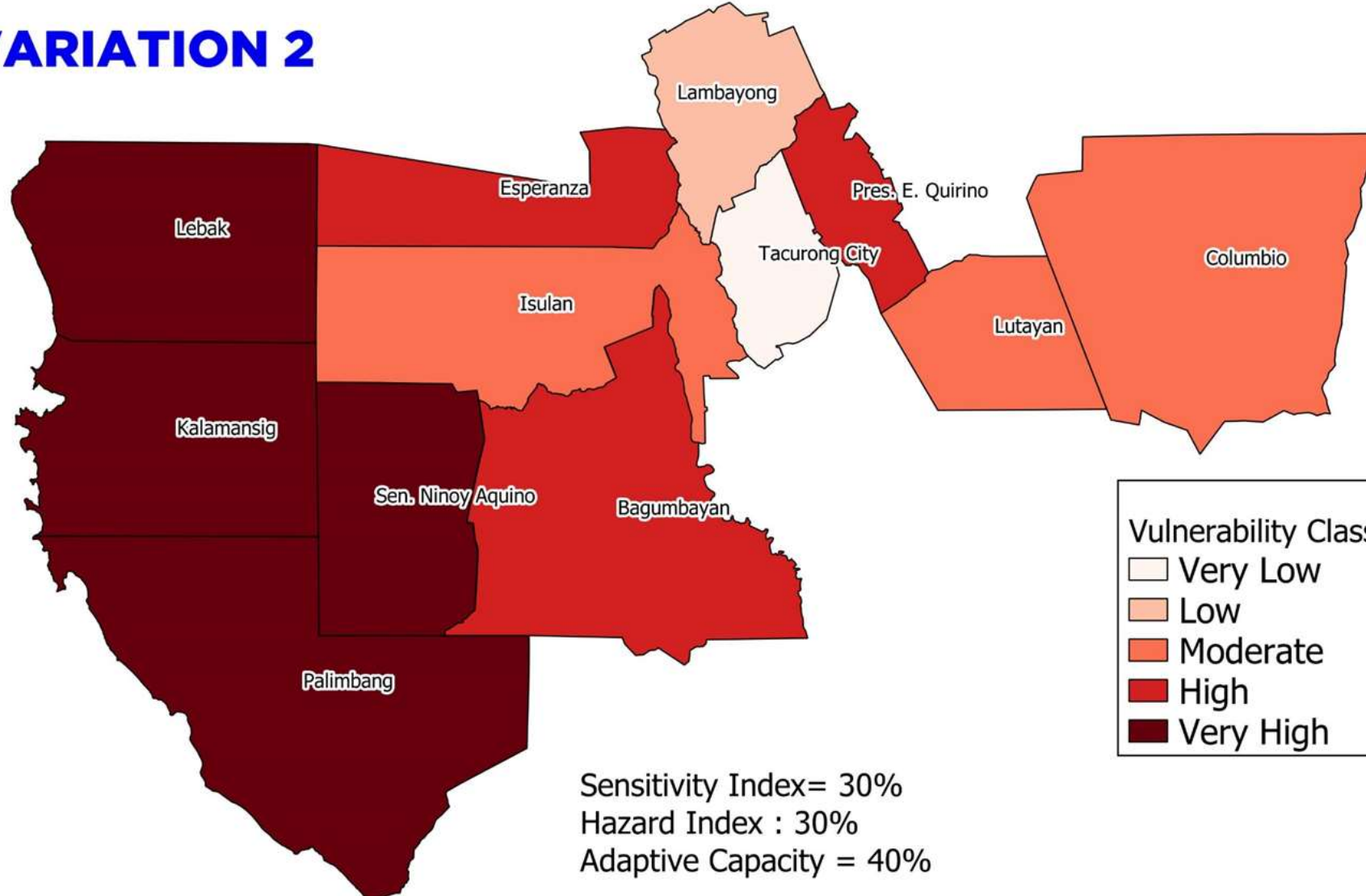
VARIATION 1



Sensitivity Index= 15%
Hazard Index : 15%
Adaptive Capacity = 70%

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

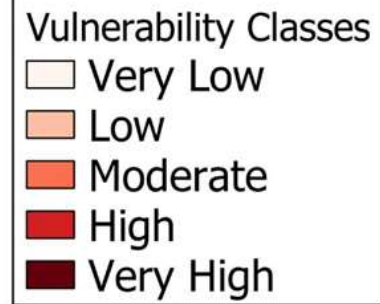
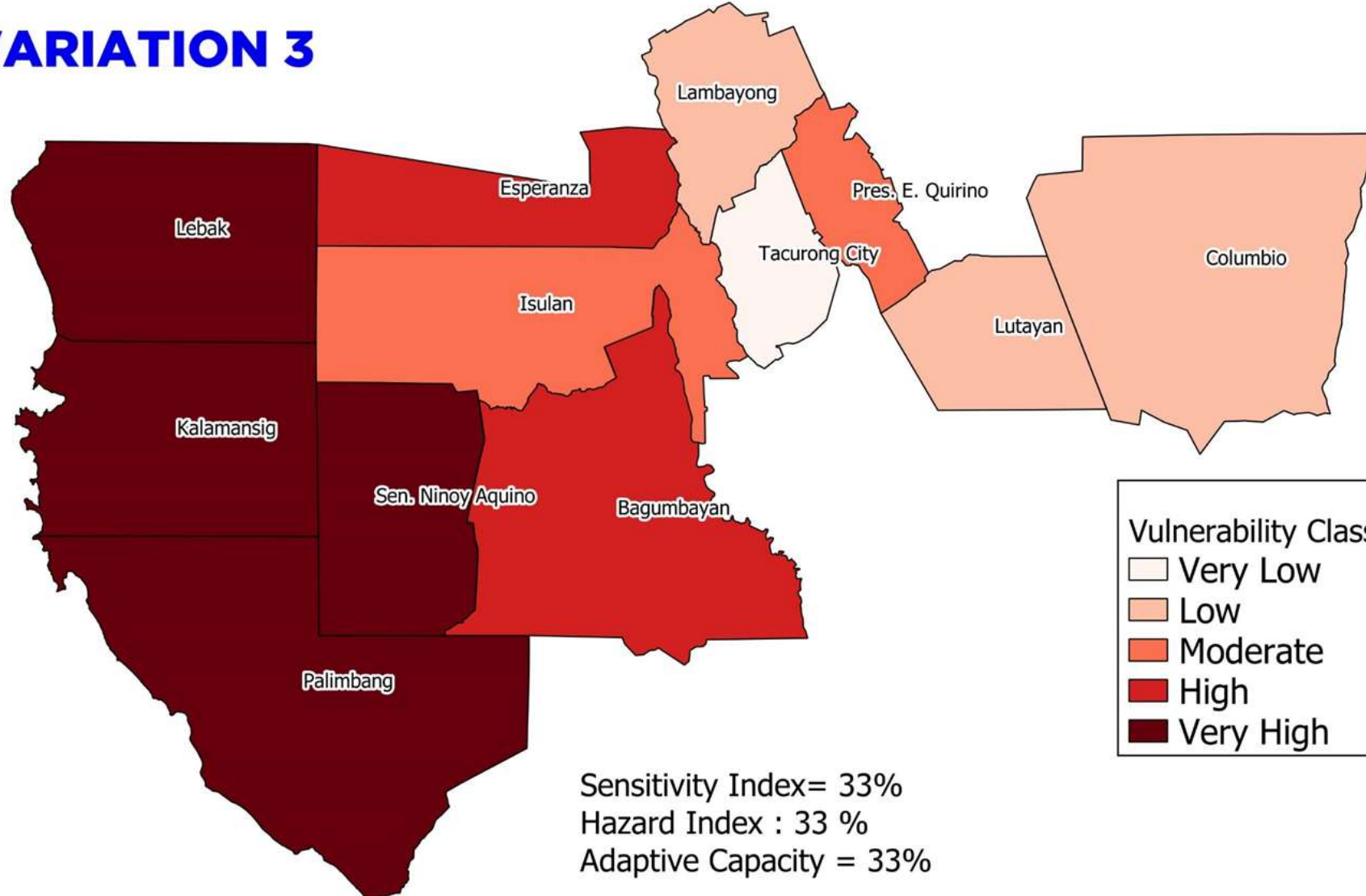
VARIATION 2



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

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

VARIATION 3



Sensitivity Index= 33%
Hazard Index : 33 %
Adaptive Capacity = 33%