

FLOOD SUSCEPTIBILITY MAP
MUNICIPALITY OF SAN AGUSTIN
Province of Surigao del Sur
(10k Baseline Data)

LEGEND:

- Municipality
- Barangay
- Purok
- School
- Health Facility
- Proposed Relocation
- Regional Boundary
- Provincial Boundary
- Municipal Boundary
- Shoreline
- River & Creek
- Road Network
- Lake & Pond
- Mangrove
- Swamp
- Scouring

- FLOOD SUSCEPTIBILITY
- Very High
 - High
 - Moderate
 - Low

LANDUSE

VERY HIGH
Areas locally with steep to very steep slopes and underlain by weak materials. Forest landslides, spontaneous and human-caused are present. Human-induced effects could be an aggravating factor.

HIGH
Areas locally with steep to very steep slopes and underlain by weak materials. Areas with numerous old and inactive landslides.

MODERATE
Areas with moderately steep slopes. Soil creep and other indications for possible landslide occurrence are present.

LOW
Generally mapping areas with no identified landslides.

ACCUMULATION ZONE
Areas that could be affected by landslide debris.

FLOOD
VERY HIGH
Areas likely to experience flood heights of greater than 2 meters and/or flood duration of more than 3 days. These areas are consistently flooded during heavy rains or extreme tides, include waterfronts of floodplains, low-lying areas adjacent to floodplains, abandoned river channels and areas along river banks, also prone to landslides.

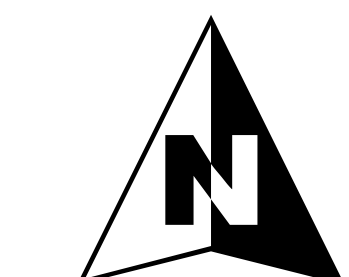
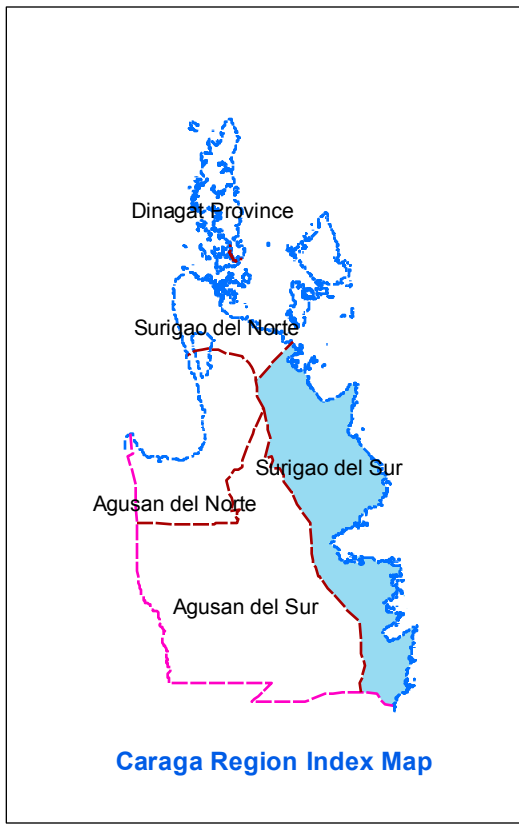
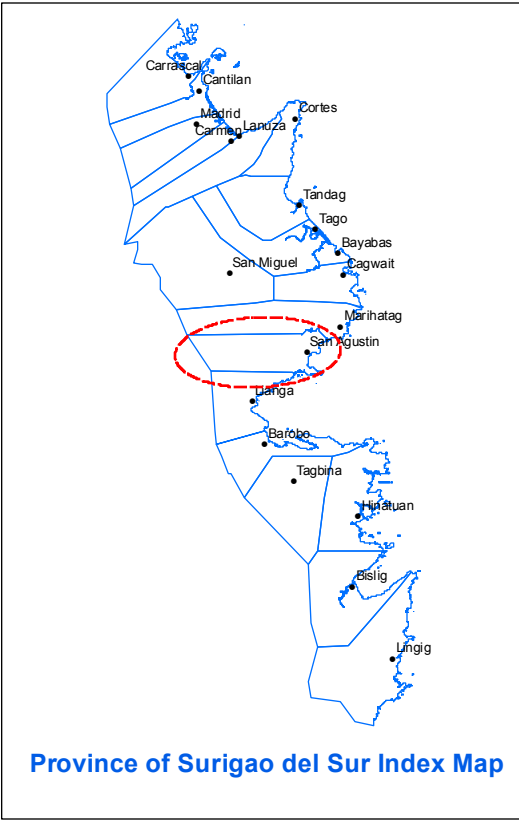
HIGH
Areas likely to experience flood heights of 1.0 to 2.0 meters and/or flood duration of more than 3 days. These areas are consistently flooded during heavy rains or extreme tides, include waterfronts of floodplains, low-lying areas adjacent to floodplains, abandoned river channels and areas along river banks, also prone to landslides.

MODERATE
Areas likely to experience flood heights between 0.5 and 1 meters and/or flood duration of less than 3 days. These areas are consistently flooded during heavy rains or extreme tides, include waterfronts of floodplains, low-lying areas adjacent to floodplains, abandoned river channels and areas along river banks, also prone to landslides.

LOW
Areas likely to experience flood heights of 0.5 meter or less and/or flood duration of less than 1 day. These areas include low hills and gentle slopes. They also have sparse to moderate drainage density.



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Meters

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