

**LANDSLIDE SUSCEPTIBILITY MAP**  
**MUNICIPALITY OF LANUZA**  
Province of Surigao del Sur  
(10k Baseline Data)

**LEGEND:**

- Municipality
  - Barangay
  - Purok
  - School
  - Health Facility
  - Regional Boundary
  - Provincial Boundary
  - Municipal Boundary
  - Shoreline
  - River & Creek
  - Road Network
  - Accumulation Zone
  - Scarp & Tension Crack
- LANDSLIDE SUSCEPTIBILITY**
- Very High
  - High
  - Moderate
  - Low

**LANDSLIDE**

**VERY HIGH**  
Areas locally with steep to very steep slopes and underlain by weak materials. Frequent landslides, especially near major roads and rivers, 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. Old creep and other indications for possible landslide occurrence are present.

**LOW**  
Generally steep 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 typhoon strikes. Possible causes of flooding may include river channel obstruction, abandoned river channels and areas along river banks, also prone to landslides.

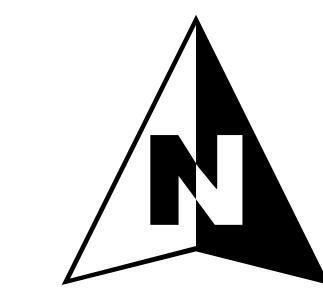
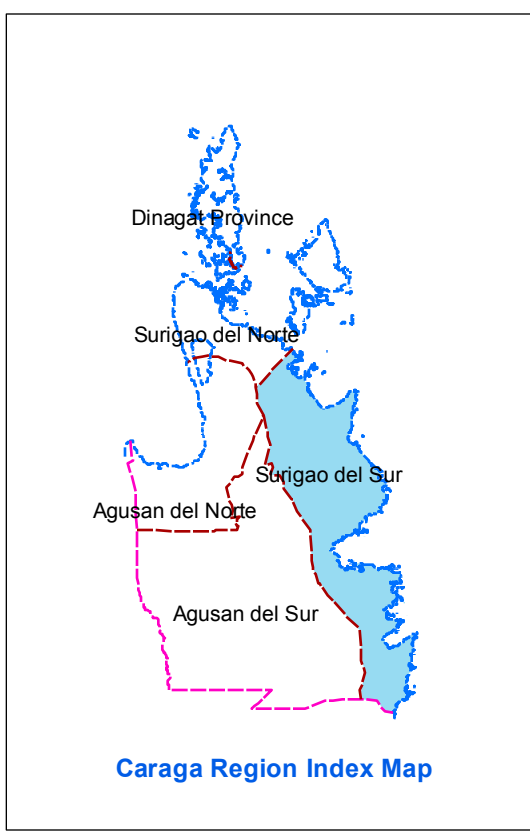
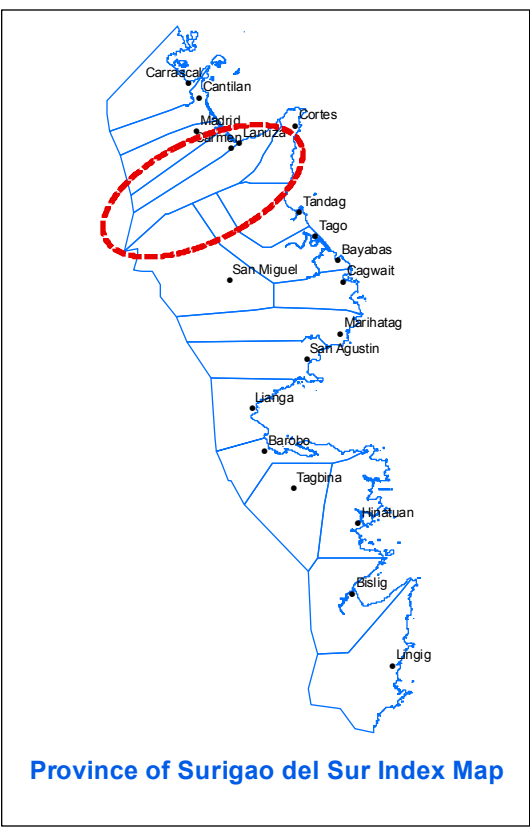
**HIGH**  
Areas likely to experience flood heights of 1.0 to 2.0 meters and/or flood duration of more than 2 days. These areas are frequently flooded during heavy rains or typhoon strikes. Possible causes of flooding may include river channel obstruction, abandoned river channels and areas along river banks, also prone to landslides.

**MODERATE**  
Areas likely to experience flood heights between 0.5 and 1 meters and/or flood duration of 1 to 2 days. These areas are frequently flooded during heavy rains or typhoon strikes. Possible causes of flooding may include river channel obstruction, 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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