

TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF SIBUTAD ZAMBOANGA DEL NORTE

BRGY	MUNICIPALITY/ CITY	LONGITUDE	LATITUDE	LANDSLIDE SUSCEPTIBILITY RATING	FLOOD SUSCEPTIBILITY RATING	LANDSLIDE REMARKS/RECOMMENDATIONS	FLOOD REMARKS/RECOMMENDATIONS	AS OF	ASSESSED BY/DATA SOURCE
Bagacay	SIBUTAD	123.4937500	8.5588056	Low	None	Observed for presence of mass movement (landslide; tension cracks); Activate BDCC;		2009	MGB-RO
Calilic	SIBUTAD	123.4781389	8.5863056	Low	None	Moderate (ridge slope) Observed for presence of mass movement (landslide; tension cracks); Activate BDCC; Monitor presence of tension cracks along ridge slopes;		2009	MGB-RO
Calube	SIBUTAD	123.5082778	8.6245556	High	None (brgy. center)	the barangay is located at the foot of a steeply sloping hill with an elevation of 238 meters above mean sea level; Lithology is highly altered and fractured; man-made activity disrupted the natural equilibrium condition of the slope; Observed and monitor for presence of mass movement (rock slide; tension cracks; rock fall); Activate BDCC; Inform residents near the foot of the steep slope;	Coastal flooding Seasonally high; Monitor tidal fluctuation and wave current; Activate BDCC; Identify evacuation site;	2009	MGB-RO

Kanim	SIBUTAD	123.4817778	8.6543333	High	High (mangrove area)	Steep slopes partially surrounding the northern, western and southern edge of the barangay; Observed and monitor for presence of mass movement (rock slide; tension cracks; rock fall); Activate BDCC; Inform residents near the foot of the steep slope;	Monitor tidal fluctuation and wave current; Activate BDCC; Identify evacuation site;	2009	MGB-RO
Delapa	SIBUTAD	123.5048333	8.5739444	Low	None	Observed for presence of mass movement (landslide; tension cracks); Activate BDCC;		2009	MGB-RO
Libay	SIBUTAD	123.4908611	8.6408889	Low (barangay center) Moderate to high	High (mangrove area)	Moderate to steeply sloping ridge south of the barangay center is roughly 150 meters away from the barangay center; Observed and monitor for presence of mass movement (rock slide; tension cracks; rock fall); Activate BDCC; Inform residents near the foot of the steep slope; Identify evacuation site;	Monitor tidal fluctuation and wave current; Activate BDCC; Identify evacuation site;	2009	MGB-RO

Magsaysay	SIBUTAD	123.4748889	8.6236944	Low	None	Observed for presence of mass movement (landslide; tension cracks); Activate BDCC;	Flashflood and channel scouring Seasonally low Observed for rapid increase of flood level possibly accompanied by increase in turbidity and soil content; Inform residents near the creeks to move on a safer ground during prolong rainfall; Activate BDCC;	2009	MGB-RO
Marapong	SIBUTAD	123.4899444	8.5772778	Low	None	Observed for presence of mass movement (landslide; tension cracks); Activate BDCC;		2009	MGB-RO
Minlasag	SIBUTAD	123.4953333	8.6078333	Low	None	Observed for presence of mass movement (landslide; tension cracks); Activate b	Localized flooding Seasonally High (rice paddies) Low lying areas converted to rice paddies are highly susceptible to localized flooding because the rainwater is contained within the zone; There was no outlet for rainwater to flow toward creeks/rivers; Activate BDCC:	2009	MGB-RO

Oyan	SIBUTAD	123.4794444	8.5624444	Low (barangay center); High (steep ridge)	Low to moderate (brgy. center); high-(confined rice paddies); high (Sibutad Creek)	Observed for presence of mass movement (landslide; tension cracks); Activate BDCC; NS trending, steeply sloping ridges west of the barangay center; Observed and monitor for presence of mass movement (rock slide; tension cracks;rock fall); Activate BDCC; Inform residents near the foot of the steep slope; Identify evacuation site;	Terrain is generally flat thus rain water could not easily flow toward creeks; Activate BDCC; Low lying areas and gully channels converted to rice paddies are highly susceptible to localized flooding because the rainwater is contained within the zone; There was limited or no outlet for surface run-off to flow toward creeks/rivers; Activate BDCC: Observed for rapid increase of flood level possibly accompanied by increase in turbidity and soil content; Activate BDCC;	2009	MGB-RO
Panganuran	SIBUTAD	123.4908333	8.6700278	High	Coastal flooding Seasonally high (mangrove area) Flashflood and channel scouring Seasonally high (Panganuran creek)	The barangay is located at the foot of steeply sloping ridges; Observed and monitor for presence of mass movement (rock slide; tension cracks;rock fall); Activate BDCC; Inform residents near the foot of the steep slope; Identify evacuation site;	Monitor tidal fluctuation and wave current; Activate BDCC; Identify evacuation site; Observed for rapid increase of flood level possibly accompanied by increase in turbidity and soil content; Inform residents near the creeks to move on a safer ground during prolong rainfall; Activate BDCC;	2009	MGB-RO
Poblacion (Sibutad)	SIBUTAD	123.4790556	8.6057500	none	Low	Activate BDCC;	Terrain is generally flat thus rain water could not easily flow toward creeks; Come up with a storm water canals connected to natural drainage system;	2009	MGB-RO

Sawang	SIBUTAD	123.5026111	8.6882778	Low (brgy center);	high (mangrove area)	High (Mount Silla) Observed for presence of mass movement (landslide; tension cracks); Activate BDCC; Observed and monitor for presence of mass movement (rock slide; tension cracks; rock fall);	Monitor tidal fluctuation and wave current; Activate BDCC; Identify evacuation site;	2009	MGB-RO
Sibuloc	SIBUTAD	123.4859444	8.5927222	Low	None (brgy. center); high (flashflood within creek)	Observed for presence of mass movement (landslide; tension cracks); Activate BDCC;	Observed for rapid increase of flood level possibly accompanied by increase in turbidity and soil content; Inform residents near the creeks to move on a safer ground during prolong rainfall; Activate BDCC;	2009	MGB-RO
Sinipay	SIBUTAD	123.4986389	8.6540556	None to Low	high (mangrove area)	Gently sloping hilly section of the island; Observed for presence of mass movement (landslide; tension cracks); Activate BDCC;	Monitor tidal fluctuation and wave current; Activate BDCC; Identify evacuation site;	2009	MGB-RO
Sipaloc	SIBUTAD	123.5030556	8.5896389	Low	None	Observed for presence of mass movement (landslide; tension cracks); Activate BDCC;	Flashflood and channel scouring Seasonally low (Sipaloc Creek) Observed for rapid increase of flood level possibly accompanied by increase in turbidity and soil content;	2009	MGB-RO

