

TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF SAN PABLO, ZAMBOANGA DEL SUR

BRGY	MUNICIPALITY	LONGITUDE	LATITUDE	LANDSLIDE SUSCEPTIBILITY RATING	FLOOD SUSCEPTIBILITY RATING	LANDSLIDE REMARKS/RECOMMENDATIONS	FLOOD REMARKS/RECOMMENDATIONS	AS OF	ASSESSED BY/DATA SOURCE
Bag-ong Misamis	SAN PABLO	123.445944	7.630750	high	none	Monitor progress of mass movement (e.g. landslides, tension cracks). Observe for presence of mass movement (e.g. landslides, tension cracks). Develop an early warning device/ system intended for landslide-related hazard.		2008	JOINT
Bubual	SAN PABLO	123.452556	7.631417	none	low (Purok 4); high (coastal area)		Flood occurrence in Purok 4 affecting the agricultural lands; Refer to PAGASA for further assessment, considering that the area is also prone to coastal hazards (e.g. storm surge, tsunami)	2008	JOINT
Buton	SAN PABLO	123.471556	7.705111	low	moderate (creek); high (coastal area)	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Constant communication and updates with barangay officials on geohazard situation. During the rainy season, landslide usually occurs on road cuts.	Flood depth 0.5-1m during rainy season; flash flood occurs very commonly with high flash turbidity (soil content). Refer to PAGASA and PHIVOLCS for further assessment, considering that the area is also prone to coastal hazards (e.g. storm surge, tsunami)	2008	JOINT
Culasian	SAN PABLO	123.390639	7.668361	low	low	Observe for presence of mass movement (e.g. landslides, tension cracks).	Flood depth 0-0.5m; flash flood commonly occurs.	2008	JOINT

Daplayan	SAN PABLO	123.410167	7.649389	high	none	Eight (8) houses affected by landslide in Purok 2; Monitor progress of mass movement (e.g. landslides, tension cracks). Observe for presence of mass movement (e.g. landslides, tension cracks). Develop an early warning device/system intended for landslide-related hazard prevention. Identify evacuation site. Identify relocation site for residents of Purok 2.		2008	JOINT
Kalilangan	SAN PABLO	123.414889	7.678944	low	none	Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT
Kapamanok	SAN PABLO	123.404861	7.692861	none to low	none	Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT
Kondum	SAN PABLO	123.384722	7.692056	low	none	Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT
Lumbayao	SAN PABLO	123.396250	7.717917	low	none	Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT

Mabuhay	SAN PABLO	123.465944	7.651389	high	high (creek)	The barangay proper is highly critical and needs immediate action ; Discuss with the LGUs and barangay council the possibility of relocation and to identify relocation site ; An active slide at the back of the barangay session hall has started to progress, threatening the entire barangay proper (about 80 households); According to the accounts of the barangay officials, the present landslide started on March 24; The session hall is presently located at the edge of the crown and escarpment of the slump; On the other side of the provincial road, is also an active mass movement, as indicated by gullying and the presence of arcuate features; Avoid build-up on top of escarpment and slump; Inform residents of landslide threats; Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement (e.g. landslides,	Flash flood occurs commonly with very high turbidity.	2008	JOINT
Marcos Village	SAN PABLO	123.433389	7.657194	none	low (Purok Boulevard); high (coastal area)		Purok Boulevard prone to flooding with flood depth of 0-0.5m during rainy season. Refer to PAG-ASA because the area is prone to coastal hazards (e.g. storm surge, tsunami).	2008	JOINT
Miasin	SAN PABLO	123.401444	7.711278	low	low	Observe for presence of mass movement (e.g. landslides, tension cracks).	Flood depth of 0-0.5m during rainy season. Miasin River overflows during heavy rainfall.	2008	JOINT

Molansong	SAN PABLO	123.431556	7.668889	low to moderate	high (creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement (e.g. landslides, tension cracks). Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content). Inform residents on possible flash flooding, debris flow, and mudslide.	Flashflood commonly occurs with very high turbidity (soil content). Inform residents on possible flash flooding.	2008	JOINT
Pantad	SAN PABLO	123.407500	7.663722	low	none	Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT
Pao	SAN PABLO	123.385722	7.722833	low	none	Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT

Payag	SAN PABLO	123.458861	7.656139	high	high (creek)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement (e.g. landslides, tension cracks); Develop an early warning device/ system intended for landslide-related hazard; Identify evacuation site; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Identify relocation site for residents of Sitio Layawan. Constant communication and updates with barangay officials and residents on geohazard situation. Relocate households located mid-slope and along the road as soon as possible particularly in Sitio Layawan.	Flood depth >1m during rainy season. Flash flood occurs rarely with moderate turbidity (soil content).	2008	JOINT
Poblacion	SAN PABLO	123.410833	7.699250	none	low		Flood depth 0-0.5m during rainy season.	2008	JOINT

Pongapong	SAN PABLO	123.432111	7.705750	moderate	low	Landslide reportedly occurred at Sitio Lukibong in 2007. Patchy creeping at Pongapong proper. Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement (e.g. landslides, tension cracks); Develop an early warning device/ system intended for landslide-related hazard; Observe for saturated ground or seeps in areas that are not typically wet.	Flood depth 0-0.5m during rainy season.	2008	JOINT
Sacbulan	SAN PABLO	123.464333	7.667917	moderate	none	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT
Sagasan	SAN PABLO	123.459056	7.696472	low	none	Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT
San Juan	SAN PABLO	123.455556	7.686528	moderate	none	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT
Senior	SAN PABLO	123.371861	7.685694	low	none	Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT
Songgoy	SAN PABLO	123.466361	7.639694	low	none	Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT
Tandubuyay	SAN PABLO	123.472806	7.683972	None (Brgy. Proper);Low (Purok Mangga)	none	Purok Mangga reportedly with landslide		2008	JOINT

Teniapan	SAN PABLO	123.456222	7.612056	none to low	none	Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT
Ticala Island	SAN PABLO	123.412889	7.704917	none	high (coastal hazard)		Refer to PAG-ASA because the area is prone to coastal hazard (e.g. storm surge, tsunami)	2008	JOINT
Tube-Pait	SAN PABLO	123.437139	7.684167	low to moderate	none	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement (e.g. landslides, tension cracks). Low susceptibility rating at undulating slopes and moderate susceptibility rating at steep slopes. Avoid build-up on footslopes where the tension cracks are observed.		2008	JOINT
Villakapa	SAN PABLO	123.437139	7.684167	high	moderate (Villakapa River floodplain)	1 house hit by rockfall 5 years ago. Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement (e.g. landslides, tension cracks); Develop an early warning device/ system intended for landslide-related hazard; Identify evacuation site; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); Observe for saturated ground or seeps in areas that are not typically wet. Relocation of 2 households in Purok 1 recommended due to impending danger of rockfall.	Flood depth 0.5-1m during rainy season. Overflowing of Villakapa river during heavy rainfall. No household can be affected along river banks.	2008	JOINT