TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF MAGSAYSA', 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
Bagong Opon	MAGSAYSAY	123.436000	8.040389	moderate	low	Observe for presence of mass movement (e.g. landslide and tension cracks).	Rare flood frequency with depth less than 0.5m; Rare occurrence of flash flood with low turbidity (soil content)	2008	JOINT
Bambong Diut	MAGSAYSAY	123.459472	8.019472	low	low	Observe for presence of mass movement (e.g.. landslide, tension cracks).	Rare occurrence of sheet flooding with flood depth of less than 0.5m; Rare occurrence of flash flooding with low turbidity	2008	JOINT
Bobongan	MAGSAYSAY	123.463194	7.996111	low	low	Monitor progress of mass movement (e.g.. landslide, tension cracks); Observe for presence of mass movement (e.g. landslide, tension cracks).	Rare occurrence of flash flood with low turbidity (soil content)	2008	JOINT
Campo IV	MAGSAYSAY	123.498944	8.023083	Moderate at brgy. proper; High at Purok Mangga	high (Purok Tesa)	Observe for presence of mass movement (e.g. landslide, tension cracks). Develop an early warning device/system for landslide and earthquake-related hazard. Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content). Observe for saturated ground or seeps in areas that are not typically wet. Observe for sunken or displaced road surfaces.	Purok Tesa is seasonally flooded with depth of more than 1m; The barangay proper is rarely flooded with depth of less than 0.5m; Develop an early warning device/system intended for flooding-related hazard	2008	JOINT

Campo V	MAGSAYSAY	123.487167	8.033361	high	low (bgry. Center); high (ricefield)	Observe for presence of mass movement (e.g. landslide, tension cracks). Develop an early warning device/system for landslide and earthquake-related hazard. Identify evacuation site. Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content). Observe for saturated ground or seeps in areas that are not typically wet. Observe for sunken or displaced road surfaces.	The barangay proper is rarely flooded with depth of less than 0.5m; Farmlands are affected by seasonal flooding with depth of more than 1m; Common flash flood occurrence with high turbidity; Develop an early warning device/system intended for flooding-related hazard	2008	JOINT
Caniangan	MAGSAYSAY	123.505222	8.002056	low	none	Observe for presence of mass movement (e.g. landslide, tension cracks).		2008	JOINT
Dipalusan	MAGSAYSAY	123.408778	8.011083	Low to Moderate	low to moderate	Observe for presence of mass movement (e.g. landslide, tension cracks). Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content).	Flash flood is common (during typhoons and heavy rainfall) with moderate turbidity (soil content);Develop an early warning device/system intended for flooding-related hazard	2008	JOINT
Eastern Borongan	MAGSAYSAY	123.481722	7.993694	low	none	Observe for presence of mass movement (e.g. landslide, tension cracks).		2008	JOINT

Esperanza	MAGSAYSAY	123.476667	8.042222	high	high	Observe for presence of mass movement (e.g. landslide, tension cracks). Develop an early warning device/system for landslide and earthquake-related hazard. Identify evacuation site. Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content). Observe for saturated ground or seeps in areas that are not typically wet. Observe for sunken or displaced road surfaces.	Seasonal flood frequency with depth of more than 1m; Common occurrence of flash flooding with high turbidity; Develop an early warning device/system intended for flood-related hazards	2008	JOINT
Gapasan	MAGSAYSAY	123.441139	8.000778	low	none	Monitor progress of mass movement (e.g.. landslide, tension cracks); Observe for presence of mass movement (e.g. landslide, tension cracks).		2008	JOINT
Kauswagan	MAGSAYSAY	123.424083	8.019389	Low to Moderate	none	Monitor progress of mass movement (e.g.. landslide, tension cracks); Observe for presence of mass movement (e.g. landslide, tension cracks).		2008	JOINT

Katipunan	MAGSAYSAY	123.448917	8.053417	low	high	Observe for presence of mass movement (e.g. landslide, tension cracks). Develop an early warning device/system for landslide and earthquake-related hazard. Identify evacuation site. Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content). Observe for saturated ground or seeps in areas that are not typically wet. Observe for sunken or displaced road surfaces.	Seasonal flooding (usually on the rainy period of June to October) with depth of greater than 1m; Flash flood is very common with very high turbidity (soil content); Develop an early warning device/system intended for flood-related hazards	2008	JOINT
Lower Sambuluan	MAGSAYSAY	123.475222	7.962167	low	none	Observe for presence of mass movement (e.g. landslide, tension cracks).		2008	JOINT
Mabini	MAGSAYSAY	123.417111	8.047694	Moderate at brgy. proper; High at Purok 1	low	Observe for presence of mass movement;(e.g. landslide, tension cracks). Develop an early warning device/system for landslide and earthquake-related hazard. Identify evacuation site. Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content). Observe for saturated ground or seeps in areas that are not typically wet. Observe for sunken or displaced road surfaces.	Rarely flooded with depth of less than 0.5m; Rare occurrence of flash flood with low turbidity	2008	JOINT

Magsaysay	MAGSAYSAY	123.427778	8.061750	none	low		Seasonal flooding with depth of less than 0.5m; Common occurrence of flash flooding with high turbidity; Develop an early warning device/system intended for flood-related hazard; Identify evacuation site; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content)	2008	JOINT
Malating	MAGSAYSAY	123.431417	8.022583	low	low	Observe for presence of mass movement (e.g. landslide, tension cracks).	Rare flooding with depth of less than 0.5m; Flash flood is rare with low turbidity (soil content)	2008	JOINT
Paradise	MAGSAYSAY	123.478889	8.024861	high	low	Monitor progress of mass movement (e.g. landslide, tension cracks). Observe for presence of mass movement (e.g. landslide, tension cracks). Develop an early warning device/system for landslide and earthquake-related hazard. Identify evacuation site. Identify relocation site for residents of Brgy. Paradise. Constant communication and updates with Brgy. Esperanza and Municipality of Ramon Magsaysay. Relocate about eighteen (18) houses near top slopes and four (4) at the footslope of potential active landslide; including former public market.	Rare flooding with depth of less than 0.5m; Flash flood is rare with low turbidity (soil content)	2008	JOINT

Pasingkalan	MAGSAYSAY	123.516278	8.014000	Moderate at brgy. proper; High at Purok 1, 2, 3, 5 and 6	low (bgry. Center); high (Purok 7)	Observe for presence of mass movement (e.g. landslide, tension cracks). Develop an early warning device/system for landslide and earthquake-related hazard. Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content). Observe for saturated ground or seeps in areas that are not typically wet. Observe for sunken or displaced road surfaces.	The barangay proper is rarely flooded with depth of less than 0.5m; Purok 7 is seasonally flooded with depth of more than 1m; Common occurrence of flash flood with high turbidity; Develop an early warning device/system intended for flood-related hazards	2008	JOINT
Poblacion	MAGSAYSAY	123.484028	8.003639	none	none			2008	JOINT
Bambong Daku	MAGSAYSAY	123.464861	8.033667	moderate	low	Observe for presence of mass movement (e.g. landslide, tension cracks). Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken or displaced road surfaces.	Rare flood frequency with depth less than 0.5m; Rare occurrence of flash flood with low turbidity (soil content)	2008	JOINT
San Fernando	MAGSAYSAY	123.449556	8.013556	low	low	Observe for presence of mass movement (e.g. landslide, tension cracks).	Rare flooding with depth of less than 0.5m; Flash flood is rare with low turbidity (soil content)	2008	JOINT
Sapaanding	MAGSAYSAY	123.464389	7.975083	low	moderate (creek)	Monitor progress of mass movement (e.g. landslide, tension cracks). Observe for presence of mass movement (e.g. landslide, tension cracks). Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content).	Flash flood is very common along the channels of Tukuran River, Sapa Anding Creek and Sapabalya Creek with low turbidity affecting the ricefields; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content)	2008	JOINT

Santo Rosario	MAGSAYSAY	123.427500	7.989333	low	moderate	Monitor progress of mass movement (e.g. landslide, tension cracks). Observe for presence of mass movement (e.g. landslide, tension cracks). Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content).	Seasonal flood occurrence with depth of less than 1m and can last for 12 hours; Inundation of rivers (Tukuran, Gapasan and Sto. Rosario) causes the flood that affects the agricultural lands; Observe for rapid increase/decrease in creek/ river water levels, possibly accompanied by increased turbidity (soil content)	2008	JOINT
Sinaguing	MAGSAYSAY	123.411750	8.023278	Low to Moderate	moderate (Tukuran River)	Monitor progress of mass movement (e.g. landslide, tension cracks). Observe for presence of mass movement (e.g. landslide, tension cracks). Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content).	Flash flood is very common along the channels of Tukuran River with moderate turbidity that overflows to the roads; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content)	2008	JOINT
Switch	MAGSAYSAY	123.483056	8.041611	Low at brgy. proper; High at Purok 1 and 2	high (purok 5)	Observe for presence of mass movement (e.g. landslide, tension cracks). Develop an early warning device/system for landslide and earthquake-related hazard. Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content).	Rare flooding occurrence; Flood depth in Brgy. Proper is less than 0.5m; Flood depth in Purok 5 can reach up to more than a meter; Flash flood occurrence is common with moderate turbidity; Identify evacuation and/or relocation site for Purok 5; Activate BDCC	2008	JOINT

Upper Laperian	MAGSAYSAY	123.441306	7.991972	low	low	Monitor progress of mass movement (e.g. landslide, tension cracks). Observe for presence of mass movement (e.g. landslide, tension cracks). Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content).	Rare flash flood occurrence with moderate turbidity	2008	JOINT
Wakat	MAGSAYSAY	123.460861	8.006472	moderate	low	Monitor progress of mass movement (e.g. landslide, tension cracks). Observe for presence of mass movement (e.g. landslide, tension cracks).	Rare flooding with depth of less than 0.5m; Flash flood is rare with low turbidity (soil content)	2008	JOINT