TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF DUMALINAO, 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
Anonang	DUMALINAO	123.383500	7.820472	Moderate to High -Brgy. Proper;	none	Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements		2008	JOINT
Baga	DUMALINAO	123.391778	7.772694	Low	none	Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements		2008	JOINT
Bag-ong Misamis	DUMALINAO	123.450306	7.725861	Low(Barangay proper); Moderate (bounding slope)	none	Observe for presence of mass movement (e.g. landslides, tension cracks).		2008	JOINT
Bag-ong Silao	DUMALINAO	123.465444	7.728889	Moderate	Low (Puroks Service & Alpha)	Landslide reported at Purok Fighter in 2007. Monitor progress of mass movement (e.g. landslides, tension cracks); observe for presence of mass movement (e.g. landslides, tension cracks).	Sheet flooding with depth of 0-0.5m lasts for 3 hours. Develop an early warning device/system intended for flash flooding-related hazard prevention. Identify relocation site for residents of Puroks Service and Alpha.	2008	JOINT
Baloloan	DUMALINAO	123.358500	7.764611	Moderate	Moderate	Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements; Purok Lumboy experienced minor landslide in 2007 but did not directly affect the community	Overflow of Dumalinao river during intense rainfall causes flooding to croplands	2008	JOINT
Banta-ao	DUMALINAO	123.341472	7.813722	Low	none	Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements		2008	JOINT

Bibilik	DUMALINAO	123.468056	7.743083	Low	none	Monitor progress of mass movement (e.g. landslides, tension cracks); observe for presence of mass movement (e.g. landslides, tension cracks);		2008	JOINT
Calingayan	DUMALINAO	123.381417	7.771222	Low	none	Monitor progress of mass movement (e.g. landslides, tension cracks); observe for presence of mass movement (e.g. landslides, tension cracks);		2008	JOINT
Camalig	DUMALINAO	123.337333	7.822667	Moderate	none	Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements; Old inactive rockfall/debris deposits are found at the back of barangay center; Localized landslide along the national road due to unstable road cuts		2008	JOINT
Camanga	DUMALINAO	123.355139	7.816361	Low to Moderate	High	Observe for presence of mass movement (e.g. landslides, tension cracks; identify evacuation site for Purok Camansi residents; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity, (soil content) particularly at Purok Bayno, Talaba and Mangga; Establish constant communication and updates with Puroks Camansi and Talaba; Avoid build-up on river banks/creeks; activate BDCC	Common occurrence of flash flood with very high turbidity along the creeks of Bayno, Talaba and Mangga	2008	JOINT

Cuatro-Cuatro	DUMALINAO	123.382556	7.745667	Moderate - Brgy Proper; High - Purok Sampaguita	none	Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements; Landslide occurred at Purok Sampaguita in 2005; Identify relocation site for residents of Purok Sampaguita; Observe saturated ground or seeps in areas that are not typically wet; Develop an early warning device/system intended for landslide-related hazard prevention.		2008	JOINT
Locuban	DUMALINAO	123.379444	7.829639	High	Low	Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements; Observe for sunken roads or displaced road surfaces; The unstable slope located at the boundary of Brgys. Palpalan and Locuban posts an imminent danger to the community at the foot of the slope; Mass movements such as terracettes were observed	Overload of rain water along creeks cause flooding in the area	2008	JOINT

Malasik	DUMALINAO	123.335333	7.784917	Moderate	None	Reported landslides occurred at Puroks Nangka and Lanzones in 1991-1992, affecting a hectare of farmlands; 3 houses were relocated; Identify evacuation site for identified Puroks; Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements; Observe for saturated ground or seeps in areas that are not typically wet; Observe sunken or displaced road surfaces.	Dinas River overflows during intense rainfall but subsides in 30 minutes.	2008	JOINT
Mama (San Juan)	DUMALINAO	123.451167	7.745306	low	Low	Landslide at Purok Kitong along road cut (provincial road) affects rice fields. 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).	Sheet flooding with depth of 0-0.5m occurs seasonally;School building is susceptible to tidal flooding; consider relocating the school building. River channel erosion also a problem; implement structural mitigation.	2008	JOINT
Matab-ang	DUMALINAO	123.411972	7.785472	none	none			2008	JOINT

Metokong	DUMALINAO	123.384056	7.793778	Moderate	Moderate	Observe for other mass movements (e.g. landslides, tension cracks); Monitor progress of mass movements; Observe for rapid increase /decrease in creek/ river water levels, possibly accompanied by increased turbidity (soil content) especially for about 43houses living near the coastal area; identify evacuation site; develop early warning system intended for landslide & flooding; observe for sunken or displaced road surfaces.	Monitor progress of mass movement; observe for other presence of mass movement; develop an early warning device for both landslide and flooding related hazard prevention; identify evacuation site; observe for rapid increase/decrease in creek/river water levels; observe for saturated ground or seeps in areas that are not typically wet; observed sunken road surfaces; identify relocation site for Metokong esp. near coastal area (43 houses); constant communication and updates with brgy Mama or the Municipality of Dumalinao.	2008	JOINT
Montosawa	DUMALINAO	123.328417	7.830250	low	low	Observe for presence of mass movements (e.g. landslides, tension cracks)		2008	JOINT
Pag-asa	DUMALINAO	123.358583	7.818722	low	High	Observe for presence of mass movements (e.g. landslides, tension cracks)	Creek at Brgy. Pag-asa overflows seasonally; flood depth of about 0.5m lasts for a maximum of 1 day; Avoid build-up along Pag-asa creek	2008	JOINT
Paglaum	DUMALINAO	123.361528	7.814222	Moderate	low	2007 landslide debris at the foot of the slope is noted along the main highway, boundary between Brgys. Paglaum and Camanga;Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements.		2008	JOINT

Pantad	DUMALINAO	123.419250	7.760139	low		Monitor progress of mass movements (e.g. landslides, tension cracks), particularly in Purok Patag.		2008	JOINT
Pinig-libano	DUMALINAO	123.352556	7.828889	Moderate	High	Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements; Observe for rapid increase /decrease in creek/ river water levels, possibly accompanied by increased turbidity (soil content)	Flashflood commonly occurs in Purok Sandayong , however, there are no residents living adjacent to the area. Very high flashflood turbidity;Observe for rapid increase/decrease in creek/river water levels, possibly accompanied;Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content) in Purok Sandayong river.	2008	JOINT
Rebokon	DUMALINAO	123.418889	7.758333	none	none			2008	JOINT
San Agustin	DUMALINAO	123.413528	7.770556	none	none			2008	JOINT
Sibucao	DUMALINAO	123.355278	7.798028	Low	none	Observe for presence of mass movement (e.g. landslides, tension cracks)		2008	JOINT
Sumadat	DUMALINAO	123.370417	7.819694	Low	high	Debris flow along Dumalinao River. Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements.	Dumalinao River inundates the barangay proper of more than a meter of flood water but quickly subsides within 2 hours.	2008	JOINT
Tikwas	DUMALINAO	123.353833	7.782111	Low	none	Observe for presence of mass movement (e.g. landslides, tension cracks), particularly in Purok Lapu-lapu		2008	JOINT
Tina	DUMALINAO	123.366778	7.780139	low	none	Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements		2008	JOINT

Tuba-Pait	DUMALINAO	123.419472	7.711889	Low to Moderate	none	Monitor progress of mass movements (e.g. landslides, tension cracks); Observe for presence of mass movements; Slopes range from gentle to steep.		2008	JOINT
Upper Dumalinao	DUMALINAO	123.368611	7.800833	none	none			2008	JOINT