

TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF DIMATALING, 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
Bacayawan	DIMATALING	123.374389	7.534667	none to low (gentle slope; brgy. center).	high (storm surge; coastal flooding; tsunami-coastal area)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Observe for sea swell attributed to storm surge; Address and/or improve storm water drainage network; Develop early warning signage/signal for coastal related hazard; Identify evacuation and/or relocation site for settlers within the low lying coastal zone; Activate BDCC.	2006	MGB-RO
Baha	DIMATALING	123.280139	7.584417	low to moderate	none to low	Observe for and/or monitor for presence/progress of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network;	2006	MGB-RO
Baluno	DIMATALING	123.280222	7.572000	low to moderate	none to low	Observe for and/or monitor for presence/progress of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network;	2006	MGB-RO
Binuay	DIMATALING	123.259667	7.579944	low	none to low	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network;	2006	MGB-RO
Buburay	DIMATALING	123.364861	7.499778	none (alluvial/flood plain; brgy center; marshland); low to moderate (sloping ground)	seasonally to high (sheetflooding/flashflood within marshland/floodplain of Buburay River)	Observe for and/or monitor for presence/progress of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Observe for rapid increase in floodwater; Address and/or improve storm water drainage network; Develop early warning signage/signal flood-related hazard; Identify evacuation and/or relocation site for settlers within the low lying coastal/floodplain zone.	2006	MGB-RO

Grap	DIMATALING	123.244167	7.538833	moderate	low (flashflood within gullies)	Observe for and/or monito for presence/progress of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network; Observe for rapid increase in floodwater.	2006	MGB-RO
Kagawasan	DIMATALING	123.342139	7.500417	none to low	none to low	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network;	2006	MGB-RO
Lalab	DIMATALING	123.277972	7.555472	moderate	low (flashflood within gullies)	Observe for and/or monito for presence/progress of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network; Observe for rapid increase in floodwater.	2006	MGB-RO
Libertad	DIMATALING	123.299222	7.547583	low	none to low	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network;	2006	MGB-RO
Mahayag	DIMATALING	123.323944	7.554083	low	none to low	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network;	2006	MGB-RO
Poblacion	DIMATALING	123.363472	7.531028	none to low (gentle slope; brgy. center).	high (storm surge; coastal flooding; tsunami-coastal area)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Observe for sea swell attributed to storm surge; Address and/or improve storm water drainage network; Develop early warning signage/signal for coastal related hazard; Identify evacuation and/or relocation site for settlers within the low lying coastal zone; Activate BDCC.	2006	MGB-RO

Saloagan	DIMATALING	123.259972	7.537278	none to low (brgy. center; marshland); high (steep ridge slopes and valley sides)	low to moderate (low lying section near the brgy center) high (flooding within marshland)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes, valley sides; Observe for presence of seeps in areas that are not typically wet; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify relocation/evacuation site for settlers that are immediately affected by the imminent landslide; Limit/avoid constructing houses within the foot of steep slopes; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for sea swell attributed to storm surge; Address and/or improve storm water drainage network; Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Develop early warning signage/signal for flood/coastal related hazard; Identify evacuation and/or relocation site for settlers within the coastal zone/ floodplain near creek; Activate BDCC.	2006	MGB-RO
Sugbay Uno	DIMATALING	123.325778	7.510222	none to low	low to moderate (flashflood/sheetflood within Sugbay River); high (coastal flooding within Sugbay River estuary/marshland)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Observe for rapid increase in floodwater; Address and/or improve storm water drainage network; Develop early warning signage/signal flood-related hazard; Identify evacuation and/or relocation site for settlers within the low lying coastal/floodplain zone.	2006	MGB-RO
Sumpot	DIMATALING	123.381667	7.483056	none (coastal plain); low (brgy center)	low (flashflood within creek;gullies); high (storm surge; coastal flooding; tsunami)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Observe for sea swell attributed to storm surge; Address and/or improve storm water drainage network; Develop early warning signage/signal for coastal related hazard; Identify evacuation and/or relocation site for settlers within the low lying coastal zone; Activate BDCC.	2006	MGB-RO

Tinguangan	DIMATALING	123.329639	7.534167	none to low (brgy. center; marshland)	low to moderate (low lying section near the brgy center) high (flooding within marshland)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Observe for sea swell attributed to storm surge; Address and/or improve storm water drainage network; Develop early warning signage/signal for flood/coastal related hazard; Identify evacuation and/or relocation site for settlers within the marshland; Activate BDCC.	2006	MGB-RO
Tingabulong	DIMATALING	123.360417	7.466417	low	none to low (localiza flooding)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network.	2006	MGB-RO
Tipangi	DIMATALING	123.290861	7.533667	none to low (brgy. center; coastal plain); moderate to high (steep ridge slopes; gully sides)	moderate to high (storm surge; coastal flooding-coastal area)	Observe for and/or monitor for presence/progress of mass movement (soil creep; tension cracks); Activate Barangay Disaster Coordinating Council (BDCC)	Observe for sea swell attributed to storm surge; Address and/or improve storm water drainage network; Develop early warning signage/signal for flood/coastal related hazard; Identify evacuation and/or relocation site for settlers within the marshland; Activate BDCC.	2006	MGB-RO
Balanagan	DIMATALING	123.351694	7.484306	low	none to low (localiza flooding)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network.	2006	MGB-RO
Josefina	DIMATALING	123.250167	7.561722	moderate to high (steep ridge slope and gully sides)	low (flashflood within gullies)	Observe for and/or monitor for presence/progress of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network; Observe for rapid increase in floodwater.	2006	MGB-RO
Magahis	DIMATALING	123.260250	7.591750	low	none to low	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network;	2006	MGB-RO

Mercedes	DIMATALING	123.299167	7.570944	low to moderate	none to low	Observe for and/or monitor for presence/progress of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network;	2006	MGB-RO
San Roque	DIMATALING	123.271833	7.551639	moderate	low (flashflood within gullies)	Observe for and/or monitor for presence/progress of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network; Observe for rapid increase in floodwater.	2006	MGB-RO
Sumbato	DIMATALING	123.309778	7.532250	none to low (brgy. center; marshland)	low to moderate (sheetflood; localize flooding within marshland)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Observe for sea swell attributed to storm surge; Address and/or improve storm water drainage network; Develop early warning signage/signal for flood/coastal related hazard; Identify evacuation and/or relocation site for settlers within the marshland; Activate BDCC.	2006	MGB-RO
Upper Ludiang	DIMATALING	123.306583	7.550056	low	none to low	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC)	Address and/or improve storm water drainage network;	2006	MGB-RO