

TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF MUTIA, 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
Alvenda	MUTIA	123.5383333	8.3489722	high	None (brgy. proper);moderate (Galay creek tributary)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken or displaced road surfaces; constant communication and updates with barangay Buenasuerte on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO
Buenasuerte	MUTIA	123.5237500	8.3711667	low	none (brgy. proper);moderate (Galay creek tributary)	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with barangay Tinglan on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO

Diland	MUTIA	123.4686944	8.3996944	low	None (brgy. proper);high (Disoy creek tributary)	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with barangay Newland on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO
Diolen	MUTIA	123.5276389	8.3912222	low	None (brgy. proper);moderate (Galay and Disoy creeks tributaries)	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken or displaced road surfaces; constant communication and updates with barangay Totongon on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO

Head Tipan	MUTIA	123.4646389	8.3880278	moderate	None (brgy. proper);high (Disoy creek tributary)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken or displaced road surfaces; constant communication and updates with barangay Diland on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO
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New Casul	MUTIA	123.5461111	8.3997778	high	none (brgy. proper);high (Dapitan River)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site (top ridge; observed for saturated ground or seeps in areas that are not typically wet; observe for sunken or displaced road surfaces; identify relocation site for residents of barangay center/near river flood plain; constant communication and updates with barangay New Siquijor on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO
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Newland	MUTIA	123.4861667	8.3730556	low	none to low	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with barangay Paso Rio on geohazard situation; activate barangay disaster coordinating council.	observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO
New Siquijor	MUTIA	123.5380000	8.4155278	moderate	None (brgy. proper);low (Dapitan River tributaries)	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; constant communication and updates with barangay Tubac on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO

Paso Rio	MUTIA	123.4932500	8.3808611	moderate	None (brgy. proper);moderate (Galay creek tributary)	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; observed for saturated ground or seeps in areas that are not typically wet; constant communication and updates with barangay Tinglan on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO
Poblacion	MUTIA	123.4754722	8.4207500	low	None (brgy. proper);low (Galay creek tributary)	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; constant communication and updates with MDCC on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO

San Miguel	MUTIA	123.4881111	8.4180278	low	None (brgy. proper);high (Galay creek tributary)	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; constant communication and updates with barangay Poblacion on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO
Tinglan	MUTIA	123.4910000	8.3998889	low	none (brgy. proper);low to moderate (Galay creek tributary)	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; constant communication and updates with barangay Sto. Tomas on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO

Totongon	MUTIA	123.5117222	8.4066667	Low	none (brgy. proper);low to moderate (Galay creek tributary)	High (barangay road leading to Barangays Diolen, Unidos, G. Bergado, New Siquijor, and Tubac) Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; constant communication and updates with barangay Diolen on geohazard situation; activate barangay disaster coordinating council. Come up with mitigating measure such as putting up of steel bridge.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO
Tubac	MUTIA	123.5270556	8.4073056	low	none (brgy. proper);low (Galay creek tributary)	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; constant communication and updates with barangay Diolen on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO

Unidos	MUTIA	123.5479167	8.3721389	moderate	none (brgy. proper);low (Dapitan River tributary)	Monitor progress of mass movement (e.g. landslides, tension cracks); Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site (top ridge); observed for saturated ground or seeps in areas that are not typically wet; observe for sunken or displaced road surfaces; constant communication and updates with barangay Diolen on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO
Santo Tomas	MUTIA	123.4806111	8.4112778	low	none (brgy. proper);low (Galay creek tributary)	Observe for presence of mass movement; develop an early warning device/system intended for landslide related hazard prevention; identify evacuation site; constant communication and updates with barangay Poblacion on geohazard situation; activate barangay disaster coordinating council.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood related hazard prevention;	2010	MGB-RO

