

TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF MALANGAS, ZAMBOANGA SIBUGAY

BRGY	MUNICIPALITY	LONGITUDE	LATITUDE	LANDSLIDE SUSCEPTIBILITY RATING	FLOOD SUSCEPTIBILITY RATING	Landslide remarks and recommendations	Flood remarks and recommendation/s.	As of	Assessed by/Data Source
Basak-Bawang	MALANGAS	122.999889	7.634778	none to low (brgy. center); high (riverbank scouring)	none to low (brgy center-localize flooding); moderate to high (flashflood within river channels)	Observe for and/or monitor for presence of mass movements within creek/river channels; Activate BDCC	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in flood water level; Identify evacuation and/or relocation sites for settlers near the low lying floodplain zone; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
Bontong	MALANGAS	122.973889	7.577139	moderate (top ridge) high (steeply sloping ground; road cuts)	none to low (localize flooding-top ridge); high (flashflood within creek)	Monitor and observe for progress and presence of mass movement (tension cracks, soil creep) along the steep slopes ; Observe for displace ground surfaces or seeps in areas that are not typically wet; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in flood water level; Identify evacuation and/or relocation sites for settlers near the low lying floodplain zone; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
Camanga	MALANGAS	123.003639	7.609806	low	none to low (localize flooding)	Observe for presence of mass movements; Activate BDCC	Address and/or improve storm water drainage network	2006	MGB-RO
Candiis	MALANGAS	123.011694	7.638028	none to low	none to low (localize flooding)	Observe for presence of mass movements; Activate BDCC	Address and/or improve storm water drainage network	2006	MGB-RO

Catituan	MALANGAS	123.011972	7.572944	none to low (brgy. center); high(riverbank scouring)	none to low (brgy. center); moderate (flashflood within creek channels)	Monitor and observe for progress and presence of mass movement (channel scouring); Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Develop an early warning system intended for flooding related hazard prevention; Identify evacuation and/or relocation sites for settlers within the shallow river channels; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
Dansulao	MALANGAS	123.032667	7.639250	low (brgy. center); none (floodplain; coastal zone)	none to low (localize flooding); moderate to high (marshland; floodplain; coastal areas);	Monitor and observe for progress and presence of mass movement (tension cracks, soil creep) along the steep slopes ; Observe for displace ground surfaces or seeps in areas that are not typically wet; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Coastal hazards includes storm surge and coastal flooding); Develop an early warning device/system intended for flooding and coastal-related hazard prevention; Observe for rapid increase/decrease in water level for river and sea; Identify evacuation and/or relocation sites; constant updating of the weather condition thru PAGASA.	2006	MGB-RO

Del Pilar	MALANGAS	123.024000	7.688667	low (brgy. center); moderate to high (steep slopes ; riverbank)	none to low (gentle slopes); moderate (flashflood within creek channels)	Monitor and observe for progress and presence of mass movement (tension cracks, soil creep) along the steep slopes ; Observe for displace ground surfaces or seeps in areas that are not typically wet; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Develop an early warning system intended for flooding related hazard prevention; Identify evacuation and/or relocation sites for settlers within the shallow river channels; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
Guilawa	MALANGAS	123.020000	7.667639	none to low (brgy. center); moderate (steep slopes ; riverbank)	none to low (brgy. center); moderate (flashflood within creek channels)	Monitor and observe for progress and presence of mass movement (tension cracks, soil creep) along the steep slopes ; Observe for displace ground surfaces or seeps in areas that are not typically wet; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Develop an early warning system intended for flooding related hazard prevention; Identify evacuation and/or relocation sites for settlers within the shallow river channels; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO

Kigay	MALANGAS	123.045417	7.626833	none to low (brgy. center)	high (coastal hazard)	Observe for presence of mass movement (tension cracks, soil creep) along the steep slopes ; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Coastal hazards includes storm surge; tsunami, and coastal flooding); Identify evacuation and/or relocation sites for settlers within low lying coastal zone; constant updating of the weather condition thru PAGASA; Observe for rapid increase/decrease in sea level;Activate BDCC.	2006	MGB-RO
La Dicha	MALANGAS	123.004694	7.672639	low (brgy. center); high (steep slopes north of the brgy. center; riverbank scouring)	none to low (gentle slopes); moderate (flashflood within creek channels)	Monitor and observe for progress and presence of mass movement (tension cracks, soil creep) along the steep slopes ; Observe for displace ground surfaces or seeps in areas that are not typically wet; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Develop an early warning system intended for flooding related hazard prevention; Identify evacuation and/or relocation sites for settlers within the shallow river channels; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO

Lipacan	MALANGAS	123.016583	7.613778	none to low	moderate to high (flashflood/sheetflood within creeks; coastal hazard-coastal flooding;)	Observe for presence of mass movements; Activate BDCC	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Develop an early warning system intended for flooding related hazard prevention; Identify evacuation and/or relocation sites for settlers within the shallow river channels and marshland/mangrove zone; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
Logpond	MALANGAS	123.016111	7.561472	none to low	high (coastal hazard)	Observe for presence of mass movement (tension cracks, soil creep) along the steep slopes ; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Coastal hazards includes storm surge; tsunami, and coastal flooding); Identify evacuation and/or relocation sites for settlers within low lying coastal zone; constant updating of the weather condition thru PAGASA; Observe for rapid increase/decrease in sea level;Activate BDCC.	2006	MGB-RO

Mabini	MALANGAS	123.013583	7.649361	low (brgy. center); none (marshland)	high (marshland; coastal hazard)	Monitor and observe for progress and presence of mass movement (tension cracks, soil creep) along the steep slopes ; Observe for displace ground surfaces or seeps in areas that are not typically wet; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Coastal hazards includes storm surge and coastal flooding); Develop an early warning device/system intended for coastal hazard; Observe for rapid increase/decrease in sea level; Identify evacuation and/or relocation sites for settlers within marshland area; constant updating of the weather condition thru PAGASA.	2006	MGB-RO
Malangon	MALANGAS	122.995417	7.650333	none to low (brgy. center); high (riverbank scouring)	none to low (brgy. center); moderate (flashflood within creek channels)	Monitor and observe for progress and presence of mass movement (channel scouring); Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Develop an early warning system intended for flooding related hazard prevention; Identify evacuation and/or relocation sites for settlers within the shallow river channels; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO

Mulom	MALANGAS	122.981389	7.602528	low (brgy. center); moderate to high (steep slopes; valley sides)	none to low (brgy. center-localize flooding); moderate to high (flashflood along creek)	Monitor and observe for progress and presence of mass movement (tension cracks, soil creep) along the steep slopes ; Observe for displace ground surfaces or seeps in areas that are not typically wet; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Activate BDCC.	2006	MGB-RO
Overland	MALANGAS	122.981444	7.624833	low (brgy. center); moderate to high (steep slopes; valley sides)	moderate to high (flashflood along gullies)	Monitor and observe for progress and presence of mass movement (tension cracks, soil creep) along the steep slopes ; Observe for displace ground surfaces or seeps in areas that are not typically wet; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Activate BDCC.	2006	MGB-RO
Palalian	MALANGAS	123.036861	7.674028	low to moderate (brgy. center); none (marshland)	high (marshland; coastal hazard)	Monitor and observe for progress and presence of mass movement (tension cracks, soil creep) along the steep slopes ; Observe for displace ground surfaces or seeps in areas that are not typically wet; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Coastal hazards includes storm surge and coastal flooding); Develop an early warning device/system intended for coastal hazard; Observe for rapid increase/decrease in sea level;constant updating of the weather condition thru PAGASA.	2006	MGB-RO
Payag	MALANGAS	123.005750	7.595139	none to low	none to ow (localize flooding)	Observe for presence of mass movements; Activate BDCC	Address and/or improve storm water drainage network	2006	MGB-RO

Poblacion	MALANGAS	123.031750	7.628361	none to low (brgy. center)	high (coastal hazards)	Observe for presence of mass movement (tension cracks, soil creep) along the steep slopes ; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Coastal hazards includes storm surge; tsunami, and coastal flooding); Identify evacuation and/or relocation sites for settlers within low lying coastal zone; constant updating of the weather condition thru PAGASA; Observe for rapid increase/decrease in sea level;Activate BDCC.	2006	MGB-RO
Rebocon	MALANGAS	122.972028	7.642028	low to moderate (brgy. center);	none (brgy. center); moderate (flashflood along creek)	Monitor and observe for progress and presence of mass movement (tension cracks, soil creep) along the steep slopes ; Observe for displace ground surfaces or seeps in areas that are not typically wet; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Activate BDCC	2006	MGB-RO
San Vicente	MALANGAS	122.995333	7.562028	low to moderate	moderate (flashflood along creek)	Monitor and observe for progress and presence of mass movement (tension cracks, soil creep) along the steep slopes ; Observe for displace ground surfaces or seeps in areas that are not typically wet; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Activate BDCC.	2006	MGB-RO

Sinusayan	MALANGAS	123.013361	7.557111	none to low (brgy. center); moderate (creek scouring)	high (coastal hazards)	Observe for presence of mass movement (tension cracks, soil creep) along the steep slopes ; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Coastal hazards includes storm surge; tsunami, and coastal flooding); Identify evacuation and/or relocation sites for settlers within low lying coastal zone; constant updating of the weather condition thru PAGASA; Observe for rapid increase/decrease in sea level;Activate BDCC.	2006	MGB-RO
Tackling	MALANGAS	123.017694	7.586556	none to low (brgy. center)	none to low (gentle terrain-localize flooding) high (coastal areas- storm surge; coastal flooding; tsunami)	Observe for presence of mass movement (tension cracks, soil creep) along the steep slopes ; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation sites for settlers within low lying coastal zone; constant updating of the weather condition thru PAGASA; Observe for rapid increase/decrease in sea level;Activate BDCC.	2006	MGB-RO

Tigabon	MALANGAS	123.019250	7.578222	none to low (brgy. center); high(riverbank scouring)	none to low (brgy. center); moderate (flashflood within creek channels)	Monitor and observe for progress and presence of mass movement (channel scouring); Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in floodwater possibly accompanied by increase turbidity and soil content; Develop an early warning system intended for flooding related hazard prevention; Identify evacuation and/or relocation sites for settlers within the shallow river channels; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
---------	-----------------	------------	----------	--	---	--	---	------	--------