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

BRGY	MUNICIPALITY	LONGITUDE	LATITUDE	LANDSLIDE SUSCEPTIBILITY RATING	FLOOD SUSCEPTIBILITY RATING	LANDSLIDE REMARKS/RECOMMENDATIONS	FLOOD REMARKS/RECOMMENDATIONS	AS OF	ASSESSED BY
Baluran	**TUNGAWAN**	122.415583	7.634972	none to low	low to moderate (floodplain of Tupilac RIver; brgy. center); seasonally high (coastal flooding)	Observe for presence of mass movement (soil creep); activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation sites for settlers within the floodplain of Tupilac River Observe for rapid increase/decrease in floodwater; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
Batungan	**TUNGAWAN**	122.339250	7.542833	low (brgy. center) moderate to high (steep ridge slopes and valley sides; road cuts)	moderate (flashflood within creek)	Monitor and observe for progress and presence of mass movement along steep slopes and valley sides. 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;	2006	MGB-RO
Cayamcam	**TUNGAWAN**	122.355306	7.536861	none to low	none to low (localize flooding)	Observe for presence of mass movement (soil creep); activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve strom water drainage network.	2006	MGB-RO

Datu Tumanggong	**TUNGAWAN**	122.342583	7.627444	low	none to low (localize 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
Gaycon	**TUNGAWAN**	122.392667	7.636250	none to low (brgy. center) high (rivebank; steep ridge slopes and valley sides)	none tolow (brgy. center-localize flooding); moderate to high (flashflood/sheetflood within Tupilac River tributaries);	Monitor and observe for progress and presence of mass movement along steep slopes and valley sides. 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 floodwater possible accompanied by increase turbidity and soil content; Identify evacuation and or relocation site; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
Langon	**TUNGAWAN**	122.406667	7.559028	none to low	none to low (localize 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
Libertad (Pob.)	**TUNGAWAN**	122.425833	7.602361	none to low (gentle slopes); high (Liguian River channels)	none to low (localize flooding; minor flashflood withn creeks); moderate (flashflood within Liguian River); high (coastal flooding within marshland)	Observe for presence of mass movement (soil creep); Address riverbank scouring; activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation sites for settlers near the shallow river channels of Liguian River/marshland; Observe for rapid increase/decrease in floodwater; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO

Linguisan	**TUNGAWAN**	122.472583	7.545583	none to low	none to seasonally low (localize flooding-brgy. center; gentle slopes); seasonally high (coastal flooding; storm surge;tsunami)	Observe for presence of mass movement (soil creep); activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation site for settlers within the low lying coastal zone; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
Little Margos	**TUNGAWAN**	122.363639	7.695028	High (steep slopes; roadcuts; valley sides)	none (brgy. center)	Monitor and observe for progress and presence of mass movement along steep slopes and valley sides. 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).		2006	MGB-RO
Loboc	**TUNGAWAN**	122.350806	7.642889	none to low (brgy. center) high (steep valley sides)	none to low (localize flooding)	Monitor and observe for progress and presence of mass movement (tension cracks) along valley sides. Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network.	2006	MGB-RO
Looc-labuan	**TUNGAWAN**	122.482889	7.561306	none to low	none to low (localize flooding-brgy. center; gentle slopes); high (coastal flooding; storm surge; tsunami)	Observe for presence of mass movement (soil creep); activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation site for settlers within the low lying coastal zone; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO

Lower Tungawan	**TUNGAWAN**	122.362722	7.513917	none (floodplain); low to moderate (ridge slopes; riverbanks)	high (flashflood/sheetflood within Tungawan River floodplain)	Observe for and/or monitor for presence of mass movement (soil creep); Address riverbank scouring; activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation site for settlers within the flood prone areas near Tungawan River tributaries; Develop an early warning device/system intended for flashflood/sheetflood related hazard prevention; constant updating of the weather condition thru PAGASA; Activate	2006	MGB-RO
Malungon	**TUNGAWAN**	122.333389	7.677722	moderate to high (steep ridge slopes and valley sides)	moderate (flashflood within creek/river)	Monitor and observe for progress and presence of mass movement along steep slopes and valley sides. 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; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
Masao	**TUNGAWAN**	122.434500	7.610833	none to low	none to low (localize flooding-brgy. center; gentle slopes); moderate (flashflood within Masao Creek)	Observe for presence of mass movement (soil creep); activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation sites for settlers near Masao Creek; Observe for rapid increase/decrease in floodwater; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
San Isidro	**TUNGAWAN**	122.350583	7.686444	moderate to high (steep ridge slopes and valley sides)	none to low (localize flooding-brgy. center)	Monitor and observe for progress and presence of mass movement along steep slopes and valley sides. 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.	2006	MGB-RO

San Pedro	**TUNGAWAN**	122.337472	7.482722	none to low (brgy. center)	none to low (localize flooding-brgy. center; gentle slopes); high (flooding within Tungawan River estuaty; coastal flooding; storm surge)	Observe for presence of mass movement (soil creep); activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation site for setters within the low lying coastal zone and estuary; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
San Vicente	**TUNGAWAN**	122.386694	7.517972	low (brgy. center) moderate to high (steep slopes; road cuts)	none (brgy. center); moderate to high (coasta lareas; Tigbucay River estuary)	Monitor and observe for progress and presence of mass movement (tension cracks) along valley sides. Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation site for setters within the low lying coastal zone and estuary; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
Santo Niño	**TUNGAWAN**	122.374778	7.542389	none (floodplain; brgy. center); low to moderate (sloping ground)	high (sheetflooding within Tungawan River alluvial plain/floodplain)	Monitor and observe for progress and presence of mass movement (tension cracks) along valley sides. Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation site for settlers within the flood prone areas near Tungawan River tributaries; Develop an early warning device/system intended for flashflood/sheetflood related hazard prevention; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
Sisay	**TUNGAWAN**	122.369889	7.625028	none to low (brgy. center) high (steep valley sides)	none to low (localize flooding)	Monitor and observe for progress and presence of mass movement (tension cracks) along valley sides. Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network.	2006	MGB-RO
Taglibas	**TUNGAWAN**	122.437639	7.560167	none to low	none to low (localize flooding-brgy. center; gentle slopes); high (coastal flooding; storm surge)	Observe for presence of mass movement (soil creep); activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation site; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO

Tigbanuang	**TUNGAWAN**	122.418611	7.570306	none to low (bgry. Center) high (riverbanks)	moderate (flashflood/sheetflood within Tigbanuang River floodplain)	Observe for presence of mass movement (soil creep); Address rivarbank scouring; activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Observe for rapid increase in floodwater level; Identify alternate route to coastal brgys. Of Taglibas, Looc Labuan and Linguisan.	2006	MGB-RO
Tigbucay	**TUNGAWAN**	122.419306	7.526417	none to low (brgy. center) moderate (steep valley sides)	none to low (localize flooding); moderate (flashflood within creeks)	Monitor and observe for progress and presence of mass movement (tension cracks) along valley sides. Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network.	2006	MGB-RO
Tigpalay	**TUNGAWAN**	122.337694	7.487278	none to low (brgy. center)	none to low (localize flooding-brgy. center; gentle slopes); high (flooding within Tungawan River estuaty)	Observe for presence of mass movement (soil creep); activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation site for setters within the estuary; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO
Timbabauan	**TUNGAWAN**	122.395500	7.606611	low	none to low (localize 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
Upper Tungawan	**TUNGAWAN**	122.374444	7.530389	none to low (alluvial plain/ floodplain of Tungawan River); moderate to high (steep slopes; road cuts	moderate to high (flashflood within floodplain zone; Elem School)	Monitor and observe for progress and presence of mass movement (tension cracks) along steep slopes/road cuts. Activate Barangay Disaster Coordinating Council (BDCC).	Address and/or improve storm water drainage network; Identify evacuation and/or relocation site for setters within the floodplain near the river; constant updating of the weather condition thru PAGASA; Activate BDCC.	2006	MGB-RO