

**TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF PRES. MANUEL A. ROXA, ZAMBOANGA DEL NORTE**

<b>BRGY</b>	<b>MUNICIPALITY/ CITY</b>	<b>LONGITUDE</b>	<b>LATITUDE</b>	<b>LANDSLIDE SUSCEPTIBILITY RATING</b>	<b>FLOOD SUSCEPTIBILITY RATING</b>	<b>LANDSLIDE REMARKS/RECOMMENDATIONS</b>	<b>FLOOD REMARKS/RECOMMENDATIONS</b>	<b>AS OF</b>	<b>ASSESSED BY/DATA SOURCE</b>
Balubo	<b>PRES. MANUEL A. ROXAS</b>	123.1899167	8.4140833	High	High	Monitor and observe for progress and presence of mass movement; Observe for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. Molito; activate Barangay Disaster Coordinating Council (BDCC).	Develop an early warning system intended for flood-related hazard prevention; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); identify evacuation site for residents residing near the tributary of Pian River; activate BDCC	2009	MGB-RO
Canibongan	<b>PRES. MANUEL A. ROXAS</b>	123.1663333	8.4497778	Moderate	None	Observe for presence of mass movements (e.g landslide, tension cracks); Monitor and observe for progress and presence of mass movement along road cuts; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; activate Barangay Disaster Coordinating Council (BDCC). Constant communication and updates with Brgy. Moliton.		2009	MGB-RO

Capase	<b>PRES. MANUEL A. ROXAS</b>	123.1980000	8.4512500	Moderate	None	Observe for presence of mass movements (e.g landslide, tension cracks); Monitor and observe for progress and presence of mass movement along the slopes; activate Barangay Disaster Coordinating Council (BDCC). Constant communication and updates with Brgy. Lipakan.		2009	MGB-RO
Denoman	<b>PRES. MANUEL A. ROXAS</b>	123.2143889	8.4793333	Moderate	None (brgy. proper); High on areas near the Tanian River (sheetflood)	Monitor and observe for progress and presence of mass movement along road cuts; Observe for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslides related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. Banbanan; activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Develop an early warning system intended flashflood-related hazard prevention; Activate BDCC.	2009	MGB-RO
Dohinob	<b>PRES. MANUEL A. ROXAS</b>	123.1919444	8.5286111	Low	None (brgy. proper) Coastal area-Storm surge/coastal erosion	Observe for presence of mass movements (e.g landslide, tension cracks); activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO

Langatian	<b>PRES. MANUEL A. ROXAS</b>	123.2298056	8.5196111	Low	moderate to high( rice fields)	Observe for presence of mass movements (e.g landslide, tension cracks); activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Lipakan	<b>PRES. MANUEL A. ROXAS</b>	123.2039167	8.4583611	Moderate	None	Monitor and observe for progress and presence of mass movement along road cuts; Observe for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslides-related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. Capasi; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO
Marupay	<b>PRES. MANUEL A. ROXAS</b>	123.2174722	8.4580556	High	High (flashflood)	Monitor and observe for progress and presence of mass movement; Observe for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. Tantungun	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO

Moliton	<b>PRES. MANUEL A. ROXAS</b>	123.1834444	8.4342778	Moderate	None	Monitor and observe for progress and presence of mass movement along road cuts; Observe for presence of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslides related hazard prevention/mitigation; observe for saturated ground or seeps in areas that are not typically wet; observe for sunken or displaced road surfaces; Identify evacuation site; Constant communication and updates with Brgy. Capasi; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO
Nabilid	<b>PRES. MANUEL A. ROXAS</b>	123.2525000	8.5128056	Low	None to Low	Observe for presence of mass movement(e.g landslide, tension cracks); activate BDCC.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO

Pangoligon	<b>PRES. MANUEL A. ROXAS</b>	123.2430278	8.4896389	Low	Moderate-areas near Pian River (sheet flood)	Observe for presence of mass movements (e.g landslide, tension cracks); observe for saturated ground or seeps in areas that are not typically wet; observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC). Warn on riverbed scouring and/or relocate residents located along riverbanks. Develop an early warning system intended flashflood-related hazard prevention	2009	MGB-RO
Piñalan	<b>PRES. MANUEL A. ROXAS</b>	123.2416389	8.4522778	Low	Moderate- on low lying areas near Pian River (sheet flood)	Observe for presence of mass movement (landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Observe for sunken displaced road surfaces; activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river/irrigation canal water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Piñamar	<b>PRES. MANUEL A. ROXAS</b>	123.2453056	8.4501944	Low	Moderate- on low lying areas near Pian River (sheet flood)	Observe for presence of mass movement (landslide, tension cracks); activate BDCC.	Observe for rapid increase/decrease in creek/river/irrigation canal water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO

Sebod	<b>PRES. MANUEL A. ROXAS</b>	123.2215556	8.4442778	Moderate	None	Monitor and observe for progress and presence of mass movement along road cuts; Observe for presence of mass movements (e.g landslide, tension cracks); Observe for sunken displaced road surfaces; develop an early warning device/system intended for landslides related hazard prevention/mitigation; Identify evacuation site; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO
Tanayan	<b>PRES. MANUEL A. ROXAS</b>	123.2075833	8.4938056	Moderate	None	Monitor and observe for progress and presence of mass movement along road cuts; Observe for presence of mass movements (e.g landslide, tension cracks); Observe for sunken displaced road surfaces; develop an early warning device/system intended for landslides related hazard prevention/mitigation; Identify evacuation site; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO
Villahermoso	<b>PRES. MANUEL A. ROXAS</b>	123.1963056	8.4790000	Low	High	Observe for presence of mass movement (landslide, tension cracks); activate BDCC	The community is located at the flood plain; Warn on riverbed scouring and/or relocate residents located along riverbanks.	2009	MGB-RO

Banbanan	<b>PRES. MANUEL A. ROXAS</b>	123.2244444	8.5021389	Moderate	Moderate to High (Creek)	Monitor and observe for progress and presence of mass movement like along road cuts and sloping areas; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; activate Barangay Disaster Coordinating Council (BDCC). Constant communication and updates with Brgy. Langatian.	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Develop an early warning system intended flashflood-related hazard prevention; Activate BDCC;	2009	MGB-RO
Cape	<b>PRES. MANUEL A. ROXAS</b>	123.2278333	8.4596111	Moderate	None	Observe for presence of mass movement (e.g landslide, tension cracks); Monitor and observe for progress and presence of mass movement; develop an early warning device/system intended for landslide-related hazard; observe for saturated ground or seeps in areas that are not typically wet; prevention/mitigation; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO
Galokso	<b>PRES. MANUEL A. ROXAS</b>	123.1826667	8.5211944	Low	High	Observe for presence of mass movements (e.g landslide, tension cracks); activate Barangay Disaster Coordinating Council (BDCC).	sheet flooding with high (>1 m) water depth; activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO

Gubat	<b>PRES. MANUEL A. ROXAS</b>	123.1746111	8.4789722	Moderate	None	Monitor and observe for progress and presence of mass movement like along road cuts; Observe for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslides related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. Galokso; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO
Irasan	<b>PRES. MANUEL A. ROXAS</b>	123.2184444	8.5208611	Low	None (brgy. proper); High –coastal hazards	Observe for presence of mass movements (e.g landslide, tension cracks);	activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Labakid	<b>PRES. MANUEL A. ROXAS</b>	123.1895278	8.5034167	Low	Low	Observe for presence of mass movements (e.g landslide, tension cracks); Scouring and lateral erosion are high along the river channel (threatening the barangay hall; Address riverbank protection measures.	engineering measures be applied to address lateral erosion. activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO



Panampalay	<b>PRES. MANUEL A. ROXAS</b>	123.1707222	8.3785278	High	None	Monitor and observe for progress and presence of mass movement; Observe for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. Balubo; avoid using the barangay road during heavy rainfall.		2009	MGB-RO
Piao	<b>PRES. MANUEL A. ROXAS</b>	123.2453333	8.5151389	Low	Low-on low lying areas near Pian (Piao) River (sheet flood) High (coastal erosion/storm surge on coastal front)	Observe for presence of mass movements (e.g landslide, tension cracks); Observe for sunken and displaced road surfaces;	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Pongolan	<b>PRES. MANUEL A. ROXAS</b>	123.2284722	8.4817778	Moderate	None	Observe for presence of mass movement (landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Observe for sunken displaced road surfaces; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO

Salisig	<b>PRES. MANUEL A. ROXAS</b>	123.1695833	8.4872500	Low	High- (sheet flood)	Observe for presence of mass movement (landslide, tension cracks); activate BDCC.	Seasonal (annually – every rainy season) sheet flooding with low (>1 m); activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Sibatog	<b>PRES. MANUEL A. ROXAS</b>	123.1990000	8.4216944	Moderate	None	Monitor and observe for progress and presence of mass movement along road cuts; Observe for presence of mass movements (e.g landslide, tension cracks); Observe for sunken displaced road surfaces; develop an early warning device/system intended for landslides related hazard prevention/mitigation; Identify evacuation site; activate Barangay Disaster Coordinating Council (BDCC).		2009	MGB-RO

Situbo	<b>PRES. MANUEL A. ROXAS</b>	123.1467778	8.4623056	Moderate	High (sheet flood)	Monitor and observe for progress and presence of mass movement along road cuts; Observe for presence of mass movements (e.g landslide, tension cracks); Observe for sunken displaced road surfaces; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation site; activate Barangay Disaster Coordinating Council (BDCC).	The community is located at the flood plain; Seasonal (annually – every rainy season) sheet flooding with low (>1 m); identify evacuation site; develop an early warning device/system; activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO
Tantingon	<b>PRES. MANUEL A. ROXAS</b>	123.2081111	8.3917222	High	None	Monitor and observe for progress and presence of mass movement; Observe for presence of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation site; Constant communication and updates with Brgy. Marupay; avoid using the barangay road during heavy rainfall. activate BDCC		2009	MGB-RO

Upper Irasan	<b>PRES. MANUEL A. ROXAS</b>	123.2066667	8.5263889	Low	None High –coastal hazards	Observe for presence of mass movement (landslide, tension cracks); activate BDCC		2009	MGB-RO
Upper Minang	<b>PRES. MANUEL A. ROXAS</b>	123.2525833	8.5023611	Low	Low (sheet flood)	Observe for presence of mass movements (e.g landslide, tension cracks);	Seasonal (annually – every rainy season) sheet flooding with low (0 – 0.5 m) water depths; activate Barangay Disaster Coordinating Council (BDCC).	2009	MGB-RO

