

TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF SINDANGAN 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
Bago	SINDANGAN	122.9971667	8.3056667	Low – eastern side of the barangay areas	Low to moderate	Observe for presence of mass movement (e.g landslide, tension cracks); activate Barangay Disaster Coordinating Council (BDCC).	Flashflood/sheetflood along creeks and flat lying areas northwest of barangay; Observe and monitor river activity during heavy rains; 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
Binuangan	SINDANGAN	122.9662778	8.2658889	Low-areas to the east, sloping grounds	Low to moderate Flooding within the flat lying area and within a creek near the barangay center; High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/coastal flooding	Observe for presence of mass movement (e.g landslide, tension cracks); activate Barangay Disaster Coordinating Council (BDCC).	Observe coastal erosion/storm surge /swells along the coastal areas. Identify evacuation site; Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO

Bitoon	SINDANGAN	122.9952222	8.2737222	Moderate	None	Observe for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; Constant communication and updates with Brgy. Calatunan; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO
Dicoyong	SINDANGAN	123.0327222	8.2219167	Low-hilly areas	high (sheetflood/flashflood) Flood water level could reach more than 1 meter	Observe for presence of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide; activate Barangay Disaster Coordinating Council (BDCC).	Develop an early warning system intended flood-related hazard prevention; identify evacuation site; Activate BDCC	2010	MGB-RO
Don Ricardo Macias (Dinobot)	SINDANGAN	122.9674167	8.3168333	Low to moderate – southeastern and southeastern sections	high on flashflood	Observe for presence of mass movement (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).	2010	MGB-RO

Dumalogdog	SINDANGAN	123.0757500	8.2112778	Low-sloping areas	high (sheetflood/flashflood)	Observe for presence of mass movement (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); Develop an early warning system intended flood-related hazard prevention; identify evacuation site; Activate BDCC	2010	MGB-RO
Inuman	SINDANGAN	122.9961111	8.2075000	None	high on low areas and within creeks High-coastal hazards (storm surges, swells, coastal erosion, tsunami)		Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Develop an early warning system intended flood/coastal-related hazard prevention; Activate BDCC	2010	MGB-RO

La Concepcion	SINDANGAN	122.9442778	8.2961944	Low to Moderate	Flashflood/sheet flood near the creek High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/coastal flooding	Monitor the sloping periphery of the area to the east during heavy and incessant rain for potential landslide; Observe for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; Constant communication and updates with Brgy. Tigbao; activate Barangay Disaster Coordinating Council (BDCC).	Observe coastal erosion/storm surge /swells along the coastal areas. Identify evacuation site; Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO
Lagag	SINDANGAN	123.0459167	8.2741944	None	Localized flooding-areas near the creeks/tributaries of Piau River		Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO

Lapero	SINDANGAN	123.0470833	8.3522500	High-barangay hall High-valley floor/side (where the community of Lapero is located)	High (valley floor near creek)	Monitor the sloping periphery of the area during heavy and incessant rain for potential mudslide; Observe for presence of mass movements (e.g landslide, tension cracks) ; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; Constant communication and updates with Brgy. Upper Nipaan; 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).	2010	MGB-RO
Mandih	SINDANGAN	123.0122222	8.2077778	None	high (flashflood/sheetflood)	Low- hilly areas Observe for presence of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide; 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 flood-related hazard prevention; identify evacuation site; Activate BDCC	2010	MGB-RO

Maras	SINDANGAN	122.9703333	8.1889167	Low	high-areas near Ingin River (sheet flooding)	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); Develop an early warning system intended flood-related hazard prevention; Activate BDCC; engineering measures be applied to address lateral erosion.	2010	MGB-RO
Mawal	SINDANGAN	123.0924167	8.1963056	Low-areas with gradients; Moderate-steep sloping grounds	High-flashflood/sheet flood River erosion	Observe for presence of mass movement; monitor the progress of mass movement; (e.g landslide, tension cracks); Constant communication and updates with Brgy. Dumalodog; 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 flood-related hazard prevention; identify evacuation site; identify relocation site of the center; creek erosion is evident adjacent to the barangay hall; activate BDCC	2010	MGB-RO
Misok	SINDANGAN	123.0217222	8.2733056	Low	None	Observe for presence of mass movement (e.g landslide, tension cracks, creeps); activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO

Motibot	SINDANGAN	122.9873611	8.3588611	Low	Low to moderate (Sheetflood within Motibot Creek to the northern section of barangay)	Observe for presence of mass movements (e.g landslide, tension cracks)	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO
Nato	SINDANGAN	123.1113889	8.2049167	Low-sloping areas to the east, northeast, northwest of the barangay	high (sheetflood/flashflood) Scouring and lateral erosion are highly susceptible	Observe for presence of mass movement (e.g landslide, tension cracks); Constant communication and updates with Brgy. Dumladog; 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 flood-related hazard prevention; identify evacuation site; identify relocation site of the center; Activate BDCC	2010	MGB-RO

Pangalalan	SINDANGAN	123.0068889	8.2905000	None (barangay center)	Low to moderate (Flashflood/sheetflood within Pangalalan Creek and its tributaries situated within the barangay)	High- Day care center and a church and several public structures are critically located at the foot slopes of a hill. The mid slope is in the verge of collapsing. Sign of slumping is already observed on the slopes. Monitor and observe for progress of the slumping; Observe for presence of mass movements (e.g landslide, tension cracks) in other areas; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; Constant communication and updates with Brgy. Bago/Pangalalan; 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).	2010	MGB-RO
Piao	SINDANGAN	123.0056389	8.2360278	None	High-Localized flooding Sheet/flash flood-near Goleo River		Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Develop an early warning system intended flood-related hazard prevention; identify evacuation site; Activate BDCC	2010	MGB-RO

Poblacion	SINDANGAN	122.9955556	8.2389444	None	High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/coastal flooding		Observe coastal erosion/storm surge/swells along the coastal areas. Identify evacuation site; Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO
Siare	SINDANGAN	122.9838611	8.3321389	Low-areas to the east, the sloping grounds	Localize flooding on flat lying areas High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/coastal flooding	Observe for presence of mass movement (e.g landslide, tension cracks); Constant communication and updates with Brgys. Bago and Nipaan; activate Barangay Disaster Coordinating Council (BDCC).	Observe coastal erosion/storm surge/swells along the coastal areas. Identify evacuation site; Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO
Talinga	SINDANGAN	122.9590278	8.1803889	Low	high (sheetflood) since the area is within Talinga River	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 flood-related hazard prevention; activate BDCC	2010	MGB-RO

Tinaplan	SINDANGAN	122.9951389	8.1059167	Moderate	None	High-road cuts and slopes 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; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; Constant communication and updates with Brgy. Dagohoy; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO
Tigbao	SINDANGAN	122.9549444	8.2800556	Low	high on sheet/flash flood The barangay hall is threatened by river erosion; High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/coastal flooding	Observe for presence of mass movement (e.g landslide, tension cracks); activate Barangay Disaster Coordinating Council (BDCC).	Observe and monitor river activity during heavy rains; employ mitigating measures to protect the barangay; Observe coastal erosion/storm surge/swells along the coastal areas. Identify evacuation site; Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO

Titik	SINDANGAN	123.0026667	7.9798889	Moderate	None	High – road cuts and slopes; 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; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; constant communication and updates with Brgy. Bucana; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO
Bato	SINDANGAN	123.0305556	8.1247222	High	High-flashflood/sheet flood	Monitor and observe for progress and presence of mass movement along slopes; develop an early warning device/system intended for landslidelated hazard prevention/mitigation; Identify evacuation site; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; constant communication and updates with Brgy. Caluan; 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 flood-related hazard prevention; identify evacuation site; Activate BDCC	2010	MGB-RO

Bucana	SINDANGAN	123.0286389	8.0450556	Moderate	high on areas within the tributary of Ingin River (flashflood)	High-along hilly slopes; 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; Constant communication and updates with Brgy. Tinaplan; 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	2010	MGB-RO
Caluan	SINDANGAN	123.0030556	8.1719444	Moderate	None	Observe for presence of mass movements (e.g landslide, tension cracks) develop an early warning device/system intended for landslidelated hazard prevention/mitigation; Constant communication and updates with Brgy. Inuman; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO

Calubian	SINDANGAN	123.0647222	8.1908333	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; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; identify relocation site of the residents residing near the market area and along the slopes; constant communication and updates with Brgy. Dumalogdog; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO
Calatunan	SINDANGAN	122.9779444	8.2580278	Low to Moderate-the eastern side of the barangay areas	Low (Localized flooding on flat lying areas) High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/coastal flooding	Observe for presence of mass movement (e.g landslide, tension cracks); activate Barangay Disaster Coordinating Council (BDCC).	Observe coastal erosion/storm surge /swells along the coastal areas. Identify evacuation site; Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO

Dagohoy	SINDANGAN	122.9859167	8.1413333	Moderate	None	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; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; constant communication and updates with Brgy. Maras; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO
Datagan	SINDANGAN	122.9569722	8.1415000	Low	high (flashflood/sheetflood)	activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Identify evacuation site, Develop an early warning system intended flashflood/sheetflood-related hazard prevention; place warning signage along riverbank; Activate BDCC	2010	MGB-RO

Disud	SINDANGAN	123.0000556	8.2540833	Low	Low to moderate (Sheet flood flat lying areas and near Makinog Creek)	Observe for presence of mass movement (e.g landslide, tension cracks, creeps); activate Barangay Disaster Coordinating Council (BDCC).	Observe and monitor river activity during heavy rains; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO
Doña Josefa	SINDANGAN	122.9821667	8.3757778	Low to Moderate	High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/coastal flooding	Monitor the sloping periphery of the area during heavy and incessant rain for potential landslide; Observe for presence of mass movements (e.g landslide, tension cracks) ; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; Constant communication and updates with Brgy. Motibot; activate Barangay Disaster Coordinating Council (BDCC).	Observe coastal erosion/storm surge /swells along the coastal areas. Identify evacuation site; Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO

Gampis	SINDANGAN	122.9952778	8.2328056	None	low (sheetflood) High-localized flooding High-coastal hazards such as coastal erosion/storm surge/swells/coastal flooding/tsunami		Observe coastal erosion/storm surge /swells along the coastal areas. Identify evacuation site; Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO
Goleo	SINDANGAN	123.0039722	8.2274167	None	High (sheet flood/flash flood – on the flat lying areas/flood plain of Goleo River High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/c oastal flooding		Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Identify evacuation site; Develop an early warning system intended flood-related hazard prevention; activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO
Imelda	SINDANGAN	123.0452222	8.3180833	Moderate	Low to moderate (Flashflood-CarionCreek)	Observe for presence of mass movements (e.g landslide, tension cracks); develop an early warning device/system intended for landslidelated hazard prevention/mitigation; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; Constant communication and updates with Brgy. Bago; 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).	2010	MGB-RO

Joaquin Macias	SINDANGAN	123.0745278	8.3282778	High-road cuts Moderate on sloping faces of the hills.	Low to moderate (Sheet flooding- low lying areas and within the vicinity of Siari Creek) High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/c oastal flooding	Monitor and observe for progress of the slumping; Observe for presence of mass movements (e.g landslide, tension cracks) in other areas; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; Constant communication and updates with Brgy. Imelda; activate Barangay Disaster Coordinating Council (BDCC).	Observe coastal erosion/storm surge /swells along the coastal areas. Identify evacuation site; Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO
Labakid	SINDANGAN	123.0188333	8.2259444	Low-sloping areas to the northeast of barangay	high (sheetflood/flashflood)	Observe for presence of mass movement (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); Develop an early warning system intended flood-related hazard prevention; identify evacuation site; Activate BDCC	2010	MGB-RO

Santo Niño	SINDANGAN	123.0740556	8.2209444	Low	high (sheetflood/flashflood)- flood plain/flat lying areas	Moderate-sloping grounds High-road cuts Observe for presence of mass movement (e.g landslide, tension cracks); Constant communication and updates with Brgy. Dumalodog; 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 flood-related hazard prevention; identify evacuation site; Activate BDCC	2010	MGB-RO
Santo Rosario	SINDANGAN	123.0128333	8.3490278	Moderate	None	High -road cuts Observe for presence of mass movements (e.g landslide, tension cracks); Constant communication and updates with Brgy. Motibot; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO

Upper Nipaan	SINDANGAN	123.0377778	8.3578889	Moderate- barangay center and steep sloping terrain	high on flash flood	High-road cuts; Monitor and observe for progress of the slumping; Observe for presence of mass movements (e.g landslide, tension cracks) in other areas; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; Constant communication and updates with Brgy. Sto. Rosario; 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).	2010	MGB-RO
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Benigno Aquino Jr.	SINDANGAN	123.0413889	8.1900000	Moderate	None	High-steep slopes areas 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; Observe for saturated ground or seeps in areas that are not typically wet; Observe for sunken and displaced road surfaces; Constant communication and updates with Brgy. Mandih; activate Barangay Disaster Coordinating Council (BDCC).		2010	MGB-RO
Fatima	SINDANGAN	123.0939444	8.2061944	None-barangay hall	high sheetflood/flashflood, river erosion(lateral erosion, scouring)		Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO

Balok	SINDANGAN	123.0328889	8.2530278	Low- near the sloping terrain to the east and west of the center	high (sheetflood/flashflood)- areas within the Piau River	Observe for presence of mass movement (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); Develop an early warning system intended flood-related hazard prevention; identify evacuation site; Activate BDCC	2010	MGB-RO
Bantayan	SINDANGAN	122.9973889	8.2352222	None	None		High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/coastal flooding Observe coastal erosion/storm surge /swells along the coastal areas. Identify evacuation site; Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO
Dapaon	SINDANGAN	123.0014722	8.2409722	Low – eastern side of barangay areas	Low	Observe for presence of mass movement (e.g landslide, tension cracks, creeps); activate Barangay Disaster Coordinating Council (BDCC).	Localize flooding on flat lying areas to the west-northwest of barangay; Activate Barangay Disaster Coordinating Council (BDCC)	2010	MGB-RO
Datu Tangkilan	SINDANGAN	123.0038889	8.2163889	None	high-low lying areas and within immediate vicinity of Sindangan River (sheet flood) High-coastal hazards (storm surges, swells, coastal erosion, tsunami)		Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Identify evacuation site; activate Barangay Disaster Coordinating Council (BDCC). Observe coastal erosion/storm surge along the coastal areas.	2010	MGB-RO

La Roche San Miguel	SINDANGAN	122.9963056	8.2338056	None	High-localized flooding High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/coastal flooding		Develop an early warning system intended coastal-related hazard prevention; Activate BDCC	2010	MGB-RO
Lawis	SINDANGAN	122.9955556	8.2312500	None	Seasonally high on low areas and within and near Goleo River High-localized flooding High-coastal hazards such as coastal erosion/storm surge/swells/coastal flooding/tsunami		Observe coastal erosion/storm surge /swells along the coastal areas. Identify evacuation site; Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO
Magsaysay	SINDANGAN	122.9973611	8.2446111	None	Localize flooding on flat lying areas High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/coastal flooding		Observe coastal erosion/storm surge /swells along the coastal areas. Identify evacuation site; Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO

Nipaan	SINDANGAN	122.9941389	8.3485833	Low on eastern section of barangay area	Low to moderate (Flashflood/sheet flood near the Nipaan Creek) High-coastal hazards such as coastal erosion/storm surge/swells/tsunami/coastal flooding	Observe for presence of mass movements (e.g landslide, tension cracks); activate Barangay Disaster Coordinating Council (BDCC).	Observe and monitor river activity during heavy rains; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increase turbidity (soil content); Activate Barangay Disaster Coordinating Council (BDCC).	2010	MGB-RO
Upper Inuman	SINDANGAN	122.9866667	8.1987778	None (brgy. center)	high(low areas and within creeks and near Ingin River); High-coastal hazards (storm surges, swells, coastal erosion, tsunami)	Low- hilly areas Observe for presence of mass movement (e.g landslide, tension cracks); develop an early warning device/system intended for landslide; 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	2010	MGB-RO

