

SORSOGON CITY



I. Vision

A progressive and dignified city of choice with healthy, empowered, values – oriented and resilient Sorsoganons in a livable, competitive and sustainable environment under a participatory, transparent and humane governance

II. Brief Profile of the City

A. Physical Profile

Location

Sorsogon City lies from 123° 53' to 124° 09' east longitude and from 12° 55' to 13° 08' north latitude. It is 600 kilometers southeast of Manila and is located at the southernmost tip of Luzon. As part of the geographical chain linking Luzon to the rest of the Philippines, it is a transshipment corridor and serves as the gateway city to the Visayas and Mindanao Islands. Its geographical location is such that it opens into both the Pacific Ocean (through Albay Gulf) and the China Sea (through Sorsogon Bay and Ticao Pass). The city is bounded on the east by the municipalities of Pto. Diaz and Gubat, on the south by the municipality of Casiguran and Sorsogon Bay, on the west by the municipality of Castilla, on the northeast by the municipality of Manito in Albay, and on the north by Albay Gulf.

Land area

Sorsogon City has a land area of 27,600 hectares or 27.6 square kilometers. This is the official land area used by the city as against the area described in R.A. 8806 merging the former municipalities of Bacon and Sorsogon (32,192 hectares). Local mapping tools such as Geograpric Information System (GIS) generates more or less the same area.

Sorsogon city shares an area of approximately 6,609 as municipal waters in Sorsogon Bay and 20,041 hectares as municipal waters in Albay Gulf. This total to approximately 26,650 hectares of city territorial waters.

General topography

Sorsogon may be divided into four physical areas—the northeastern range, the sloping uplands, the plain area, and marshlands. The northeastern range is part of the Bacon-Castilla range, bordering Sorsogon's north and serves as its watershed covered mainly by secondary forest growth and thicket. It starts from 200 m above sea level to Mt. Rangas, the highest point at 1,000 meters. The

sloping uplands are the shoulders of the range and the series of hills in the southeast. Coconut, abaca, and fruit trees cover this area. The plain is generally low and level. Settlements and other built-up areas and ricefields occupy the plain area. Marshlands are the mouth of rivers vegetated mainly by nipa and are developed into fishponds.

Soil

Type/Classification

Dominant soil types are Annam clay loam. Annam clay loam has a relief of slightly undulating, roughly rolling to undulating. It covers about half of the area. It is

suited to lowland rice, root crops, vegetables, and permanent planting. Sorsogon clay loam, is the soil on the plains and valleys. It is suited to lowland rice, abaca, and corn. The rest of the soils are Bascaran clay loam, Castilla clay loam and Casiguran clay loam.

Slope

Relatively flat areas (0 – 8 degrees slope) total to approximately 11,201 hectares and accounts for 40% of the total area of the city. These are presently used as rice fields, marshlands, settlement areas, and urban areas. Areas greater than 8 degrees to 30 degrees slope is approximately 17% of the total area. These are presently used as agriculture and forest areas. Steep slopes greater than 30 degrees to 50 degrees accounts for 22% or 5,976 hectares while those greater than 50 degrees in slope is approximately 5,600 hectares comprising 20.35% of the total area of the city. Aside from forest areas, the Energy Development Corporation is situated in the area for power generation from geothermal energy.

Geology

The northern part of Sorsogon is made up of andesitic lava flows and other volcanic rocks. Rocks in the northeast are coralline limestone which are now being quarried for marble produced by different episodes of volcanic intrusions. Mt. Rangas and Mt. Pocdol maybe dormant or extinct volcanoes with the present lakes as their mouths. The rest of the flatlands are recent alluvial deposits composed of clays, silt, sand, gravel and corral. Geothermal energy has been successfully exploited in the northern part of the city, including areas Manito. From wells drilled and developed by the Philippine National Oil Corporation, the National Power Corporation is operating three plants with a capacity of 130 MW connected to the Luzon grid. As to non-metallic minerals, the Bureau of Mines and Geosciences has determined a sulfur deposit of 755 metric tons in Rizal. Its grade ranges from 10% to 40%. Gravel and sand can be quarried at the Cawayan River.

B. Natural and Built Elements

Mineral Resources

Sorsogon City's mineral resources are spread across East, West and Bacon District. Limestone can be found in Barangay Gatbo with an estimated reserve of 9.6M metric tons. Marble can also be found in Barangay Gatbo and Bato. Guano and phosphatic rock can be found in New Bato. White clay can be found in Barangay Dalipay and Osiao with an estimated reserve of 1,050 metric tons. Pumice stone is abundant at the mouth of Abuyog River in Barangay Abuyog. Sulfur deposits can be found in Barangay Rizal. On the other hand, gravel and sand are quarried along Cawayan River located in Barangay Basud, Barayong and Guinlajon.

Terrestrial Resources

The watershed forest reserve managed by Sorsogon Water District covers an area of 631 hectares, It is within a contiguous mountain range, Mt. Suminandig (West) Lubong, Macabaliw, Lantic and alinao (East) containing three catchments or water divides namely: Cawayan, Lubong and Sampaloc. Wildlife species sighted are Philippine pig, horn bills and species of monkeys and bats flying foxes).

The Energy Development Corporation (EDC) wildlife conservation area located within the boundaries of Manito, Albay and Sorsogon City occupies a portion of the 25,000 hectares reservation area. The area is the habitat of the golden-crowned flying fox (Acerodon jubatus) and the large lfying fox (pteropus vampyrus), two of the world's largest bat species.

Species	Conservation	Ecological State
	Status	
Golden-crowned flying fox (Acerodon jubatus)	Endangered	Endemic to Philippines
Large flying fox (Pteropus vampyrus)	Near threatened	Wide geographical range in Southeast Asia
Mottle-wing flying fox (pteropus leucopterus)	Least concern	Endemic to Philippines
Short nosed fruit bat (Cynopterus brachyotis, Cynopterus sphinx)	Least concern	Wide geographical range
Philippine pygmy fruit bat (Haplonycteris fischeri)	Least concern	Endemic to Philippines

Dagger-toothed flower bat (Macroglossus minimus)	Least concern	Wide geographical range in Southeast Asia
Musky Fruit Bat (Ptenochirus jagori)	Least concern	Endemic to Philippines

Table 1: Conservation Status of Bar Species in Sorsogon City Forest Reserve Source: Sorsogon City Ecological Profile, 2015

Coastal Resources

Sorsogon City endowed with a wide array of fishery and aquatic resources being blessed with major fishing grounds that include marine waters of albay Gulf and Sugod Bay for Bacon District and Sorsogon Bay for East and West District. In addition to the above-mentioned marine waters are rich in rivers and inland fisheries where fresh and brackish water aquacultures are tapped to supplement fishery production.

Inland Water Resources

Surface Waters. A system of rivers and creeks and several small waterways drain the general area of the city. Salog River is an urban water originating from Mt. Alinao and traversing eight barangays before discharging into the Sorsogon Bay. San Isidro, Rizal and Cawayan Rivers originate from springs and tributaries of secondary forest areas within EDC Geothermal Reservation. Rivers in Bacon District, at the northwestern to northeastern portion of the city, drain to the Albay Gulf. These include Luluwasan Osiao, Gatbo and Rangas Rivers. Rivers in the sourthwest & south namely San Isidto, Cawayan, Salog and Abuyog Rivers at the Est & West District darin into the Sorsogon bay.

Fresh water rivets, upon reaching the lowlands are often tapped for irrigation and domestic uses.

Ground Waters. Ground water is the primary source of drinking water in the city dispensed by the Sorsogon City Water District (SCWD). Sources includes: Baribag, Peñafrancia Seminary, Sea Breeze Homes, Imperial Subdivision, Villa Alegre Subdivision, Abuyog 1 and 2, Cabid-an, Guinlajon and San Pascual. It is also the main source of BAWASA.

Land Resources

Forestland. Forest land is 6,606.325 hectares of the total land areas of the City and classified as Protected Area. The forestland is composed of the EDC Geothermal Reservation and the watershed of the Sorsogon Water District which practically have no timber stand. Only second growth trees fill the areas and reforestation is encouraged. The mangrove areas along the coast of Sorsogon Bay and Sugod Bay which river 53.9 hectares are also classified as forest areas of the city.

Agricultural Lands. Agricultural use spanning about 20,267.6 hectares dominates all land uses in the city. These areas including prime agriculture and fishponds ate categorized as alienable and disposable. Crops planted in the agriculture areas include coconut, rice and abaca.

C. Hazards and Risks

The city is vulnerable to natural and man-made hazards. Ground shaking and earthquake induced landslide are common threat to Sorsogon City. Likewise, the city is prone to liquefaction and being located at the eastern Pacific side is at risk to foreign generated tsunami. Other related hazard that disrupts the socio-economic condition of the people is the occurrence of El Niño/El Niña phenomena and red tide.

Sorsogon City has a total of eight (8) exposures, the most by any LGU of the Province of Sorsogon. These are hydro-meteorological hazard (flooding, rain induced landslide, storm surge), geologic hazard (ground shaking, earthquake induced landslide, liquefaction/sink hole, tsunami) and red tide.

	Нус	Irometeorological H	azard		Ge	ological Hazard			Others
Mun./ City	Flooding	Rain induced landslide	Storm surge	Ground Shaking	Earthquake induced landslide	Liquefaction/ sink- hole	Tsunami	Volcanic Hazard	Red Tide
Barcelona		V		$\sqrt{}$			V	V	
Bulan		V		$\sqrt{}$					
Bulusan	$\sqrt{}$	V	V	V	√		V	V	
Casiguran		V	V	√	√	√		√	
Castilla		V	V	√	√	√			√
Donsol	√	V	V	√	√				
Gubat	$\sqrt{}$	V	V	V	√		V	V	
Irosin		V	V	√	√			√	
Juban	$\sqrt{}$	V	V	V	√	√		V	V
Magallanes		V	V	√	√				√
Matnog		V	V	√	√		V		√
Pilar		V		$\sqrt{}$		$\sqrt{}$			
Prieto Diaz		V	V	V	V		V		
Sta.		V	V	V			V		
Magdalena									
Sorsogon City	√ √	√ 	$\sqrt{}$	$\sqrt{}$			$\sqrt{}$		

Table 2. Comparative Summary of Hazard per City/Municipality of the Province of Sorsogon

Source: Sorsogon City Ecological Profile, 2015

On flooding

For riverine flooding, 11.5% of the households are prone to riverbank erosion. 8.5% of the total households are regularly to frequently flooded. More than 50% of the household are not exposed to flooding and 29% occasionally to rarely.

In terms of population exposure to flood, residents of Barangay Auyog, Almendras-cogon, Balete, Balogo-East, Barayong, Basud, Bitan-o, Buenavista-Bacon, Buhatan, Cabid-an, Cambulaga, Capuy, Caricaran, Gatbo, Gimaloto, Osiao, Pamurayan, Peñafrancia, Piot, Poblacion, Polvorista, Rawis, Rizal, Salog, Sampaloc, Sawanga, Sirangan, Sugid, Sulucan, Talisay, Ticol and Tugos with a totak of 84,202 individuals or 15,301 households are moderately exposed to flood while 83,908 or 13,589 households have low exposure with ≤1m flood depth.

About 7.8% or about 45 kilometers of the total roads are affected by flooding. Three barangays are high risk while 6 barangays are moderate. Around 6,500 electric posts are affected by flooding.

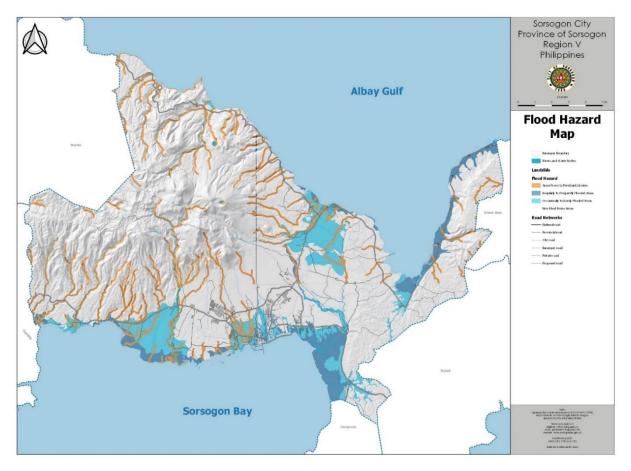


Figure 1 Flood Hazard Map

On ground settlement or subsidence

Areas critical for ground rupture are inhabited by 492 households. 1,855 hectares or 13.38% of coconut areas are at risk to ground settlement/subsidence. Ricelands situated in these areas are 1,500 and 50 hectares for settlement and subsidence. This is a slow creeping hazard caused by several factors which does not necessarily creates a disaster except for housing.

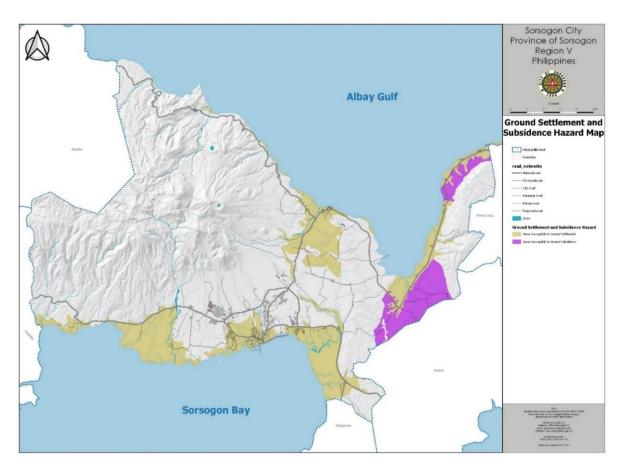


Figure 2 Ground Settlement and Subsidence Hazard Map

Source: Office of the CPDC

On landslide

29 households are considered as highly susceptible to landslide, and 600 as moderately susceptible. 17.33% or 20.5 kilometers are affected by landslide. Sto. Nino and Osiao are considered as high risk and moderate risk respectively. Electric posts at risk numbers to 1,186. For coconut and rice, 1,100 and 17 hectares each for coconut and rice respectively are at risk.

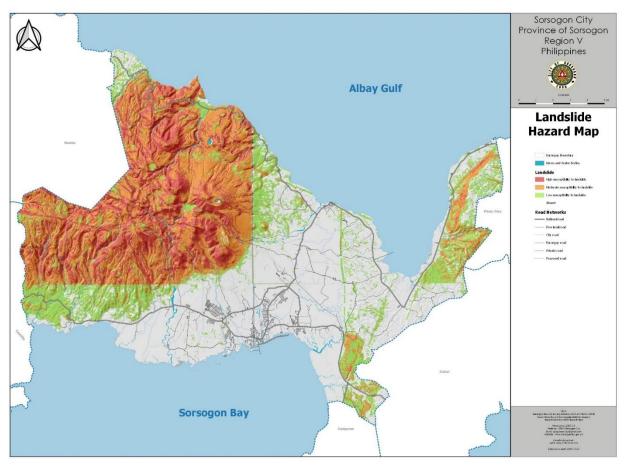


Figure 3 Landslide Hazard Map

On liquefaction

Liquefaction is the loss of property of soil to hold loads above it. Triggered by earthquake and geologic and soil type in the area, foundations of structures may not resist the carrying capacity. More than 1,000 households are likely in that area while 10,500 households are possible to have liquefaction incidents. 12% of the roads are affected. There are no high and moderate risk areas with 43 barangays only categorized as low risk.

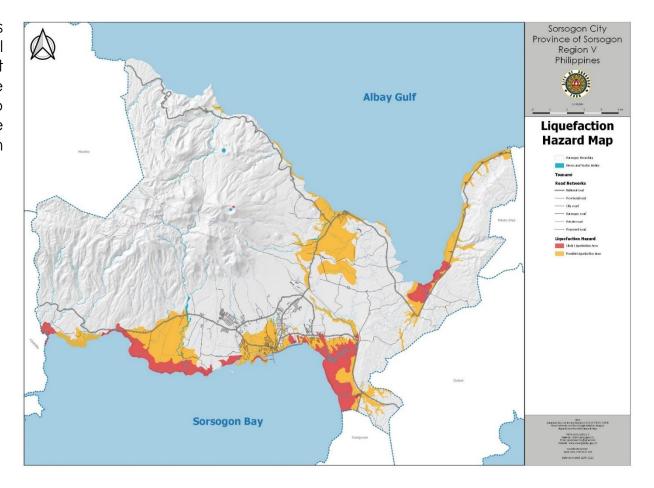


Figure 4 Liquefaction Hazard Map

On storm surge

8,722 households are affected by storm surge on both coastal barangays facing Albay Gulf and Sorsogon Bay. The barangay of Caricaran, Gimaloto, Osiao, Poblacion, Sampaloc, Sawanga, Sirangan, and Talisay are highly susceptible to storm surge of 0.5-1.5m with exposed population of 391, 816, 962, 2472, 2227, 1366,1983 and 1217 respectively.

29,000 kilometers or 12.5% of the road networks is affected, with two barangays considered as high risk and 6 barangays moderate. 435 hectares or 3.5% of the coconut are affected. For rice, 719 hectares or 34.26% is affected by storm surge.

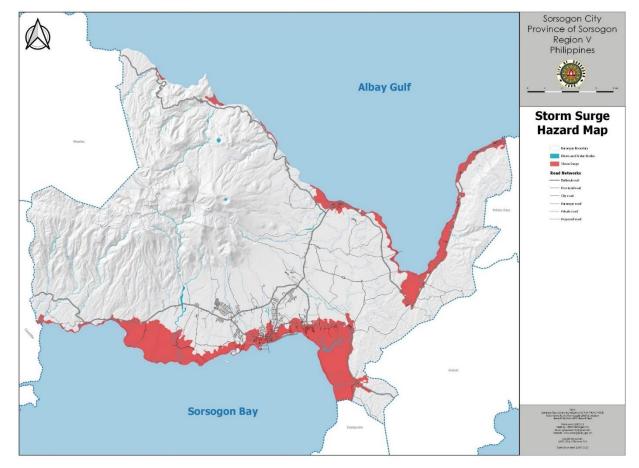


Figure 5 Storm Surge Hazard Map

On sea level rise

Sea level rise is a slow creeping hazard affecting low lying coastal areas. This is characterized by permanent inundation by the sea waters.

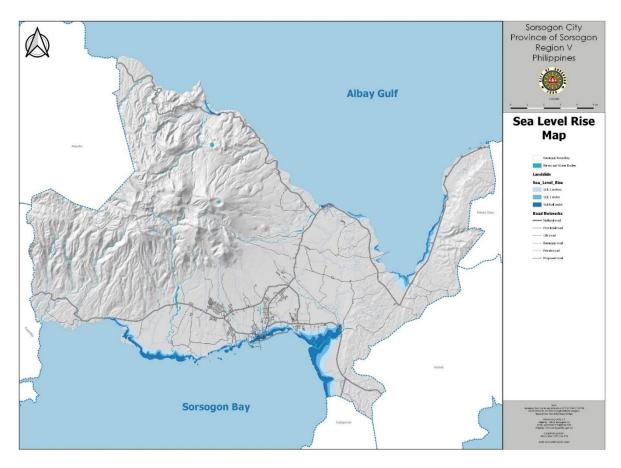


Figure 6 Sea Level Rise Map

On tsunami

Tsunamis are triggered by a strong earthquake of magnitude greater than 8.0. Only coastal areas facing Albay Gulf/Sugot Bay are considered as high risk to tsunami inundation. Earthquakes triggering tsunami at Sorsogon Bay is unlikely to occur being enclosed in structure within the bay. The number of households at risk to tsunami is 2,947. Roads likely to be affected is 12% or around 29 kilometers. Five barangays are affected and 29 kilometers. More than 1000 electric posts are affected. 484 hectares of coconut land or 3.49% are tsunami inundation while 179.33 hectares or 8.52% of Rice areas are at Risk.

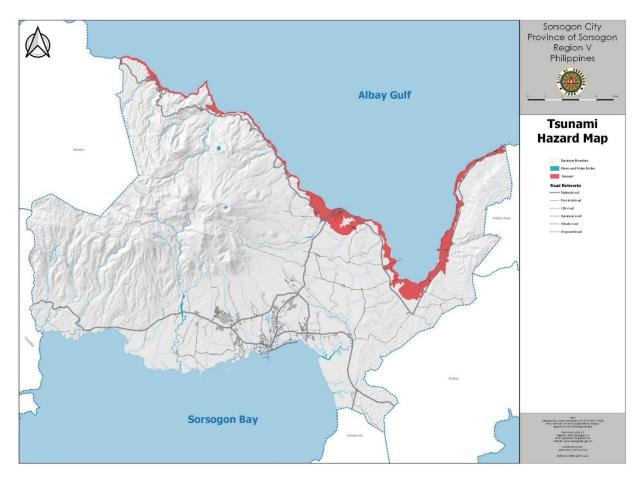


Figure 7 Tsunami Hazard Map

III. Impacts of Climate Change and Hazards (CDRA)

In 2008, Sorsogon City was piloted in "Cities in Climate Change" by the United Nations Human Settlements Commission (UN Habitat). A vulnerability and adaptation assessment were conducted on the impacts of climate change based on initial projections by PAG-ASA and effects of global warming on the climate. While no specific data was available locally (except for Legazpi by Manila Observatory), accounts of the elderlies in the barangays showed proof of rising sea levels such as inundation of shorelines, former street areas, and visual distancing of island. Effects of climate change also projects increase in frequency and stronger typhoons with recent data. Adaptation and mitigation measures to the effects of climate change were recommended.

	CLIMATE RISK ANALYSIS												
Factors to Consider	Variables	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Annual	Habagat												
Weather	Thunderstorms												
System	Amihan												
Usual	Farm flooding and intense rainfall												
climate	Strong winds												
related impact	Drought/ Dry Spell												
ППРИСТ	Pest Infestations												
	Rice												
Local Agri	Coconut												
activities	Pili												
that may be affected	Vegetables												
	Livestock and Poultry												
	Fresh water												
	Brackish Water												

	Sea water (Bacon) – Mariculture												
	Sea Water (Sorsogon Bay)												
	Rice and other crops	, ,	Typhoon destroys standing crops during flowering and ripening stage especially if varieties are susceptible to lodging									ties	
	Coconut												
	Pili												
	Vegetables												
Climate Related	Livestock and poultry	Sudden change of weather condition affect the productivity of animal breeding and new diseases emerge											
Risks	Fresh water												
	Brackish water	During dry spell – culture species are affected											
	Sea water (Bacon) – Mariculture												
	Sea Water (Sorsogon Bay)	Long dry sp	ell and	then suc	den fa	III of he	eavy raii	n cause	algal b	loom (m	ay resu	t to red	tide0

Table 3: Climate Risk Analysis

Source: Local Climate Change Action Plan (2017 – 2021) Office of the CDRRM Officer

IV. Demography

1. Social Services

1.1. Education

Sorsogon City serves as the seat of education of the province. There are sixty-eight (68) public twelve (12) private elementary schools with 22,202 and 1,712 enrollees for Year 2019 respectively. In the same year, for Junior High School, there are 18 public school with 14,692 enrollees and 10 private school with 2,329 enrollees and one state university with 243 enrollees.

For Senior High School, there are 17 public school, 15 private schools and one state university with 5,081, 2,453 and 192 enrollees respectively.

There are 68 public and 8 private kindergarten schools and 97 Day Care Centers are being managed by the City Government and Barangay LGU.

For tertiary education, one (1) state college and eleven (11) privately-owned colleges which offers various courses.

1.2. Health and Sanitation

Curative health services are provided mainly by three (3) tertiary hospitals (private and government owned), one secondary private hospital and several private medical and dental clinics. These facilities cater not only to people from the City but also from the neighboring municipalities.

The City Health Office (CHO) provides primary medical care of Sorsogon City with three (3) Rural Health Units and sixty-nine (69) Barangay Health Stations.

As of December 2019, a total manpower of 536 health workers composed of the following.

Type of Personnel	Total
Doctor	6
Dentist	P-3 JO-1
Nurses	P – 10 JO - 16
Medical Technologies	P-3 JO-1
Pharmacist	3
Nutritionist	P – 1 JO – 1
Rural Health Midwives	P – 24 JO – 48
Rural Sanitary Inspector	P-2 JO-2
Laboratory Aid	JO - 4
Dental Aid	P -2 JO – 2
Medical Aid	JO - 3
Utility Worker	P-2 JO-9
Barangay Health Workers	314
Barangay Nutrition Scholar	64

Administrative Officer	2
Computer Operator	P-1 JO-3
Drivers	P – 5 JO – 4
Total	P – 64 JO - 472

Table 4: Office of the City Health Officer Manpower Complement, 2018

For the sources of water, 72% of the total households have access to potable water supply. Most houses living in the rural barangays source their water from artesian and deep wells constructed by the Barangay Water System Administrative Project (BAWASA), while households residing in urban barangays are being supplied by the Sorsogon Water District.

1.3. Housing

Majority of the housed in the subdivision are single-detached units of recent construction and made up of wood and temporary materials.

There are ninety-three (93) residential subdivision in the City, with 12,541 home lots with land area of 212.0363 sq.km.

Sorsogon City has as a total of 5,528 informal settlers located at the barangays of Almendras-Cogon, Balogo, Bibincahan, Burabod, Cabid-an, Salog, Sampaloc, Sirangan and Sulucan in East District, Bitan-o, Cambulaga, Panlayaan, Piot and Talisay for West District and for Bacon District, Osiao, Poblacion Gatbo and Sto. Niño.

City of Sorsogon has seventeen (17) resettlement area in Barangay Capuy (Capuy Resettlement), Barangay Guinlajon (Gk – Guinlajon Relocation), Barangay Cambulaga (Cambulaga Resettement), Barangay Buenavista (Buenavista Relocation Site), Barangay Rizal (Rizal Relocation), Barangay Salog (Salog Relocation), Barangay Burabod (Burabod Relocation), Barangay Balogo (Mahingan-Balogo Relocation), Barangay Cabid-an (Sor. City Community Housing Project), Barangay Buhatan (Buhatan Relocation), Barangay Bibincahan (San Lorenzo Relocation Phase I and II and , Bamboo Village), Barangay San Roque (Bancal-San Roque Relocation), Barangay Caricaran (CASP Danao-Caricaran), Barangay Sto. Domingo (Sto. Domingo Relocation), Barangay Sto. Niño (Cristo Rey Sto. Niño Relocation), Barangay Osiao (Osiao Relocation Site) and Barangay del Rosario (del Rosario Relocation). A total of 3,542 beneficiaries.

1.4. Protective Services

There are 98 Police Officers that handles the daily peace and order situation in the City. The main headquarter is located at Diversion Road, Barangy Cabid-an. There are four (4) sub-stations located in Poblacion, Bacon District, and Burabod, Salog and Sirangan East District. The police to population ratio are 1:1,513.

The City City's fire protection department has 32 firefighters. The Central Fire Station is located at Barangay Cabid-an, East District while two (2) sub-stations are situated at Barangay Abuyog, East District and Barangay Talisay, West District. Fireman's ration to population is 1: 2,000.

The city has one (1) City Jail located at Barangay Balogo with 45 jail personnel.

2. Economy

2.1. Agriculture

The City of Sorsogon is considered as agricultural area. An approximate of 50% or 14,113 hectares of agricultural land covers the area. Coconut plantation in the City occupies almost 70% of the land area, followed with rice at 29.398%.

The City's major produce are coconut, rice and corn. It also has pili, abaca, banana, root crops, coffee and other native fruits and vegetables.

City of Sorsogon caters to the production and cultivation of swine, cattle and poultry.

In 2018, the City's Class "AA" Slaughterhouse processed 30,114 hogs, 626 cattle and 520 carabaos

The city has two (2) major fishing grounds, the Albay Gulf (Pacific Ocean) and Sorsogon Bay (China Sea).

2.2. Commerce and Trade

As of December 2019, the City of Sorsogon has a total of 1,971 registered business establishment.

The City housed to the 20 banks available that includes Land Bank of the Philippines, Development Bank of the Philippines, China Banking Corporation, BDO (2), Metrobank, Bank of the Philippine Island, UCPB, PNB (2), PS Bank, Agribusiness Rural Bank, Camalig Bank, Producers Bank, Postal Bank, East West Bank, Legazpi Savings Bank, Business bank, NCCB, RBP, BPI Direct Banko, Card Rural Bank and First Consolidated Bank

Mostly Automated Teller Machines (ATM) are on a 1:1 ratio and found near bank branches.

2.3. Tourism

The tourism growth of the City is noticeable. In 2019, 146,894 tourist arrival was posted both for local and foreign.

The Rompeolas or the Sorsogon City Bay Walk, with its walkway that serves as promenade, offers spectacular views of sunrise and sunset and the beautiful beaches in the district of Bacon.

3. Physical Infrastructure (urban development)

3.1. Transportation

3.1.1. Roads and Bridges

Sorsogon City has 74.76 kilometers of national road. Based on the City Engineer's Office in 2019, about 30.44 km of the city's national road has asphalted surface and 235.94 km has concreted surface.

The City has also 15.25 km of concreted surface provincial roads while private roads are 47.19 concreted surface. The barangay roads have a total length of 93.73 km comprising of 63.08km concreted surface, 9.29 km of graveled surface and 21.63 km of earthed surface.

As per report of the Department of Public Works and Highways, there are about nineteen (19) national bridges with a total length of about 464.13 linear meters, at least two (2) provincial bridges with a total length of 24.5 linear meter and four (4) other classified bridges and culverts.

3.1.2. Land Transport

Sorsogon City can be reached via land transport from Manila by bus or private vehicle with a travel time of around 12 hours.

A total of twenty-seven (27) registered (with Mayor's Permit) buses from two (2) bus companies have destinations from Sorsogon City to Legazpi city or plying Bulan – Legazpi City just unloading passengers bound for Sorsogon City.

Aside from bus, one hundred thirty-six (136) UV Express wan also serve the Sorsogon City – Legazpi City and vice versa route.

A total of five hundred forty-four (544) jeepneys that is the primary mode of transportation within particularly in Bacon, west and south bound while four thousand three hundred eighty-one (4,381) registered tricycle is the mode of transportation from barangay to barangay, barangay to city and within the city.

3.1.3. Airport

The City of Sorsogon is almost 45-minutes away by plane from Manila and is available on air via Philippine Airline. Cebu Pacific and CebGo which lands from Legazpi City Airport. From the airport, the City would be reach at an hour and half drive.

3.1.4. Seaport

Passengers from the coastal barangays such as Sto. Niño and Osiao in the district of Bacon is being ferried by bancas thru Bacon Port.

3.2. Power

Power is being provided by National Power Corporation (NPC) to Sorsogon City through its Luzon grid. Aside from this, the Cawayan Hydroelectric Plant in Guinlajon, West District has a generating capacity of 600 kW. Sorsogon II Electric Cooperative, Inc. (SORECO II) operates the said hydroelectric plant.

The total connection is 35,158 residential, 1,531 commercial, 5 industrial and 568 public facility/building

3.3. Water

The water works system run by Sorsogon City Water District (SCWD) & Prime Water supplies water to the city with a 13,158-active connection of which 11,774 are domestic, 1,131 commercial, 49 industrial and 204 government with an average consumption of 500.59, 623.62, 1,545.43 and 2,817.47 respectively.

The main sources of water come from spring located at Macabog, West District and ground water located in various pumping stations.

The City or LGU-managed water system supplies the water requirement of Poblacion, San Juan, Sto. Domingo, Rawis and del Rosario. CABANSAN Water System supplies barangays Cabarbuhan, San Roque, Balete and San Isidro.

3.4. Information and Communication Technology

Telephone communication utilities are powered via mobile by Smart, Globe and Sun Cellular.

There are six (6) postal services that are present in the city which provide domestic, international and other mail services.

Providing for the broadcast media are two (2) AM radios, five (5) FM stations two (2) broadcast television and four (4) cable TV stations that show local and national programs.

For newspapers and bulletins, there are two (2) national and five (5) local newspapers that are available.

4. Natural Environment

4.1. Air Quality

As a third-class city, development in Sorsogon City in terms of infrastructure, large business establishments and industries is just starting to take place. Thus, the air quality is still generally fair.

The City Anti-Smoke Belching Unit conducts quarterly random roadside inspection targeting primarily diesel engine PUJs and trucks plying within the city.

4.2. Water Quality

Water resources in the City are generally classified into surface and groundwater. Springs and networks of creeks and tributaries at the upland tend to converge at the down streams to form major river systems.

There are also intermittent creeks that only exist during rainy periods and dries up during dry season.

	Location		ater oility (L/s)	
	Localion			
Name of River		Wet	Dry	
Capuy-Ticol River	Capuy Ticol	336	208	
Alinao River (Salog)	San Juan - roro	108	98	
Cawayan River	Guinlajon	2,454	766	
Anahao River	Pangpang	320	300	
Luluwasan River	Sto. Niño	903	802	
Rangas River	San Roque	500	360	
Pulog river	Ponco, Balete	1,000	960	
Hotoc River	Rawis	324	105	
Sugod River	Sugod	478	285	
Osiao River	Osiao	395	218	

Table 5: Water Availability of Major Rivers in Sorsogon City Source: CENRO

EMB conducts quarterly river quality monitoring in Salog River. Based on the existing record, said river was classified as as Class C way back in 1995.

4.3. Solid/liquid wastes, etc.

Waste collection and disposal in Sorsogon City is conducted mainly by the City Government through the Office of the City Solid Waste Management assisted by the Office of the City Environment & Natural Resources Officer in partnership with the Barangay Sorsogon City is being served by one (1) dump site.

Solid waste is being collected by eleven (11) operational dump truck

V. Historical Occurrences and Disaster

There are no records past disasters that took place in the city or the former two municipalities. However, on accounts of the elderlies the strongest typhoons which they could remember are Typhoon Trix in 1950 which Typhoon Welming in 1967 which wiped out the coastal communities and damaged fishing paraphernalia, Typhoon Sisang in 1987 stronger than Welming with same damage and flooding, and Typhoon Milenyo in 2007 damaging totally the city hall (Sorsogon Shopping Center).

A. Incidents Monitored, Displaced population, casualties, status of lifelines, damaged houses, cost of damages, agriculture, infrastructure, assistance.

Event Description	Impacts
TYPHOON SISANG 1987	No record
TYPHOON MILENYO September 27, 2006	21 Dead, 37 injured PDH – 51,768; TDH – 19,717 27,101 Affected Families Php 234 Million (est) Agri- Damage Php 208 Million (est) Infra- Damage
TYPHOON REMING November 29, 2006	6 Dead, 18 Injured, 3 Missing Evacuated 277 fam/1,602 pax PDH – 19,690 ; TDH – 4,812
TYPHOON MINA Nov. 23 – Dec. 14, 2007	Evacuated 24,766 pax PDH – 92; TDH – 13 Agriculture Damage – 4,819,417.96
HEAVY RAINFALL (Cold Front) February 27, 2008	Infra Damage – 20,635,350
TS ONDOY September 24-27, 2009	Agriculture Damage – 238,992
TYPHOON PEPING Sept. 30 – Oct. 3, 2009	Evacuated 1,085fam/5,157pax
TYPHOON MINA	2,582 families/15,594 persons affected

November 2007		
TYPHOON DANTE May 2009	Php200Million (est) Agri- and Infra- Damage	
TYPHOON BEBENG	860 families affected	
May 2011	Rizal: 7 families affected by landslide	
TYPHOON CHEDENG May 2011	3846 families affected	
TYPHOON JUANING July 2011	486 families affected	
TYPHOON PEDRING September 2011	459 families affected	
TYPHOON GLENDA July 2014	8,352 Totally Damaged houses Php 394 Million (est) Agriculture Damage Php 380 Million (est) Infra-Damage	
TYPHOON RUBY	1.1 Million (est) Agriculture Damage	
December 2014	1.2 Million (est) Infra-Damage	
TYPHOON AMANG	14.4 Million (est) Infra-Damage	
January 2015	6.9 Million (est) Agriculture Damage	
TYPHOON CHEDENG April 2015	2,900 passengers stranded	
TYPHOON DODONG May 2015	1,993 passengers stranded	
TYPHOON NONA May 2015	2.8 Million (est) Infra-Damage 60 Million (est) Agriculture Damage 10,282 families evacuated	
TYPHOON NINA December 22 – 27, 2016	7,362 families (39,177 persons) affected 63 buses (3063 passengers) stranded 1.5Million (est) Agriculture damage	
TROPICAL STORM URDUJA December 15-16, 2017	43 buses (1357 passengers) stranded 112 trucks (263 passengers) stranded	
TROPICAL DEPRESSION USMAN December 27, 2018 – January 2, 2019	33 flooded barangays 2 barangays with landslide incident with 6 casualty 23.5M (est) Infra – Damage	

	20.8M (est) Agriculture Damage
	24,178 families (154,068 persons) affected
TROPICAL DEPRESSION AMANG	30 families (150 persons) evacuated
January 19-22, 2019	No damages
Tail –end of cold Front	No damages
January 24, 2019	The damages
	735.23M (est) Infra Damage
TYPHOON TISOY	25M (est) Lifelines damage
December 1-3, 2019	104M (est) Agriculture damage
	17,800 families (58,723 persons) affected
TYPHOON URSULA	No damages
December 23 – 25, 2019	No damages
TYPHOON AMBO	31,372 families (122,078 persons) affected
May 14-15,2020	3.7M (est) Agriculture damage

Table 6: Historical Occurrence and Disaster

Source: Office of the City Disaster Risk Reduction & Management

B. Potential Impact of Climate Change and Climatic Hazard

Climate Change Variable	Sector	Observation/Technical Findings/ Issues and Concerns	Implications/Effects	Policy Options/Intervention/Possible Solutions
	Environment		Increased demand for natural ventilation of residential houses	Promote greening of residential surroundings (Urban Greening)
	Environment		Drying/dying of urban and open space carbon sinks	Conduct landscaping/ greening of public parking areas/ spaces
Increase / Ionger Dry Season	Institutional	Extreme hotness of temperature	Decreased engine efficiency due to high atmospheric temperature (over-heating of engines)	 Enact and implement ordinance encouraging the use of coolant additive for gasoline and diesel engines or increasing the engines radiator's water capacity to improve the cooling system Promotion of electronic vehicles (E-bike and E-jeepney)
			Increase in the use of electricity	Enact and implement an ordinance encouraging families/ households to

				install solar-powered lighting system for economy and reduction on reliance to fossil generated electric power		
			Flooding f floodplains and coastal inundation affecting communities, structures, livelihood and basic services	Modify/ retrofit in floodplains and coastal barangays local critical infrastructures to withstand floods and coastal inundation		
	Infrastructure		More frequent and severe flooding	Formulate Contingency Planning for severe and frequent flooding		
			Landslide/ ground subsidence/ mud flow	Conduct dredging of natural waterways and construction of additional drainage canals		
Longer period/ Intense Rain Fall	Social	Excessive rainfall during rainy season, higher storm surges and more intense tropical cyclones	Damage to lives and properties	 Installation of tsunami sensor at the Bacon area Ensure that Barangay Emergency Response Teams are able to respond timely and effectively and regular simulation exercise/drills 		
			Increase in the number of robbery and theft incidence	Deployment of sufficient number of PNP personnel at affected areas to maintain peace and order		
	Institutional		Human settlements located in geologically hazardous are most likely to be affected by heavier and more intense rains	Pass and implement an ordinance prohibiting settlements in all areas identified by MGB – DENR as geologically hazardous based from latest geo-hazard maps		
Decreased Seasonal Rainfall	Economy	Prolonged drought/ dry spell (El Niño)	Threat to food security	 To ensure food sufficiency, start planting Adlai Seed (COIX seed), a grain bearing tropical drought resistant plant that can be a substitute to rice and corn and other indigenous crops (namo, uraro, galiang, ube, burot, baribaran, rimas) Enroll farmers to participate in the Climate Resiliency Field School (CRFs) 		

			Threat to traditional varieties	 Start planting less water/ drought, dry seeded varieties such as PSB Rc16, PSB Rc24, PSB Rc70, UPL Ri7 & UPL R15 Encourage planting of a drought resistant fruit like dragon fruit Promote water holding capacity of the soil Promote organic farming to reduce GHG emission
	Institutional		Scarcity of water for household and agricultural purposes	 Develop and implement Water Conservation Plan Encourage farmers to shift to the production of HVCs requiring shorter production cycle in barangays where prolonged dry spell is regularly observed Bio sand filter installation
	Social		Heatwaves to impact vulnerable population	 Implementation of special social services under RA 9994 to PWDs under RA 1995 including children/ special children and women
			Food price increase	For highly vulnerable farmers and fisherfolks, provide off-farm employment or other livelihood activities where possible
Sea level rise	Environment	Coastline/ sea shore pollution	Accumulation of all kinds of garbage's and waste materials along coastlines/ clogging of canals	Implement Solid Waste Management Program emphasizing monthly coastal clean-up activity
	Economy	Intrusion of salt water to agricultural zone	Threat to the survival of traditional rice/ corn varieties	Promotion of SALT resistant varieties
	Social	Intrusion of salt water to fresh water source	Contamination of fresh water for drinking	 Develop coastal community solar powered water purifier station Identify and develop other source of water away from coastal areas

		Implement joint coastal resource management ordinance requiring formulation of an Integrated Coastal Resource Management Program
Evacuation of affected families	Greater demand for evacuation services during typhoon occurrence	 Relocation of informal settlers from hot spot barangays Development of Coastal Evacuaiton Plan
Submergence of barangays in sea water	High exposure of all elements at risk	 Floor elevation of residential houses and public buildings in coastal barangays must be above the projected sea level increase of 40cm between 2020 – 2036 according to IPCC – AR5 Construction of sea wall Retrofitting of infrastructures

Table 7: Potential Impact of Climate Change and Climatic Hazard

Source: Local Climate ACTION Plan (2017 – 2021 Office of the City Disaster Risk Reduction & Management

VI. Exposure and Sensitivity Analysis

From UN Habitat

Priority Climate Change Issues In Sorsogon

The assessment identified key urban activity sectors which are deemed crucial to support the city's resilience to projected climate change impacts while also looking into the valuation of possible damages. A multi-sector city consultation was conducted to further support the initial participatory analysis activities carried out with various sectors which facilitated identification of vulnerability issues. As a result of these activities, Issue Working Groups were formed to incorporate the assessment findings in planning adaptation response and mainstreaming appropriate strategies into the city developments plans and programs.

Below are the key climate change vulnerability issues which are considered top priority:

Housing and Basic Infrastructure

The climate change vulnerability of settlements and basic infrastructure in the urban hotspots of Sorsogon City could be generally attributed to existing social issues, current structural designs and available technology, and on existing governance policies and processes.

a. Informal Settlements in Hazardous Areas.

Forty five percent of the households in the city have no rights to the land their houses are built on. Informal settlements are usually situated in coastal areas, riverbanks, road-right-of-ways/roadway, and unlawfully dwell on private and government land.

b. Makeshift Houses and Limited Knowledge of Typhoon Resilient Housing Technology

The houses in poor urban communities are either made of makeshift materials or light materials which are susceptible to damage that could be brought about by strong tropical winds and heavy rains. House structure reinforcement and new technology to adapt to stronger winds, heavier rainfall, and the increasing sea level are not yet popular among the general public. The vulnerable urban communities, because of insecure tenure, are hesitant to build stronger structures, but use indigenous means to cope with cyclones, like tying their makeshift houses to strong poles, and adding weights (e.g. old tires and stones/rocks) on the rooftops. However, such rudimentary ways have proven to be insufficient protection from damage. With about 5,000 housing structures in the city being damaged yearly by typhoons, about PHP150 million is spent for housing reconstruction each year (assuming PHP30,000 cost of reconstruction per house)

c. Aging and Damaged Bridges.

Based on Department of Public Works and Highways reports, the strong cyclones in 2006 (Milenyo and Reming) caused critical damage to Buhatan, Alice, Cawayan, and Abuyog Bridges. The flow of goods and trade as well as the mobility of people are at risk should an extreme event occur.

d. Insufficient Water Drains and Absence of River Dikes.

According to the city disaster profile, a total of 20 barangays are identified as flood prone areas. Previous flooding in those areas was attributed to insufficient drains and absence of river dikes.

Assuming the 50% increase in annual rainfall holds true, and with extreme events like continuous downpour over three straight days, the existing drainage system in the urban areas as well as the present natural drain from the rivers will not be able to contain and hold the water and could lead to damaging flash floods and run-offs. Flooding could halt economic/livelihood activities and cause damage to property making disaster recovery more costly and difficult.

e. Damaged Seawall

The seawall that protects most of the coastal communities from storm surge was heavily damaged by the two super typhoons in 2006.

Though repair activities began, only minor sections have been repaired due to limited budget from both local and national government. As revealed during focus group discussions in the hotspot areas, the present condition of the sea wall in these areas is a major factor that increases their vulnerability to storm surge and sea level rise. The city government however lacks consolidated information on the structural gaps of the sea wall, considering that the sea wall infrastructure is managed and maintained by the national government through the Department of Public Works and Highways.

f. Land Use Plans Are Not Yet Responsive To Climate Change Impact Scenarios

Development of the city is guided by the approved city land use plan which is intended to guide city development in the most appropriate and suitable areas. The existing land use plan has not considered climate change impact scenarios and the underlying development constraints that it would bring to most areas. The built-up environment as planned is highly concentrated in areas near the coast that could be threatened by storm surge and rising sea levels.

g. Built-Up Areas Are Threatened By Sea-Level Rise

During Focus Group Discussions, residents from coastal barangays shared their observations on inundation in beach areas and coastal shores especially in the Bacon District. Older citizens estimated that about 50 meters of land in Poblacion and about 15 meters of land along the shoreline in Cambulaga have been inundated by sea waters. Residents of Bacon Poblacion recounted that during the 1950s the current shore line had access roads and was their play area then.

h. Absence of City Shelter Plan

The city is yet to define its shelter plan with strategies and options on how to address its housing backlog and future needs. Existing government reports indicate that 43% of the households do not have security of tenure and informal settlements lack basic services.

With the population growing at 1.7% annually and with the migration of families from nearby municipalities - given the city's role as education, administrative and trade center of the province - there are no appropriate strategies defined that address the shelter concerns that match the existing resources of the local government, the families needing housing, and other actors such as NGOs which provide shelter assistance. The coordination amongst national government, local authorities and civil society needs strengthening to ensure complementarity of actions especially since climate change impact scenarios could result in the displacement of a large number of people in the city.

Weak Local Policy on Construction of Safe Housing

Building and construction of settlements in Sorsogon city is guided by the National Building Code and the standards in building socialized8 and economic housing as contained in Batas Pambansa 220 (BP 220). Both national policies, were formulated decades back, and do not provide for guidance on technology that must be applied considering the risks of climate change and variability. There is no parallel local policy in Sorsogon City that could help enforce these national laws while also considering the local context and disaster risks that the city faces.

i. Secondary/Underlying Risks

Solid waste. Since the informal settlements are located in high-risk areas, some are inaccessible for solid waste collection resulting in dumping of waste in the waterways and vacant land. This results in clogging of waterways leading to flooding and contamination of the water bodies.

Sanitation. 25% of total city households do not have sanitary toilets. The figure is higher in areas where informal settlements are located. Where the households along the shorelines have septic tanks, these are encroached by the bay during high tide. Further, the source of potable water is also insufficient in these areas as only 72% of the population have access.

VII. Climate and Disaster Risk Assessment (CDRA)

A. Population

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY FLOOD HAZARD AND EXPOSURE

		HAZA	RD		EXPOSURE						
Barangay	Flood Susceptibility	Likelihood of Occurrence Score	Flood depth	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score	
	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for moderate and Low ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score	
Abuyog	Moderate	5	≤lm	0.66	4,359	635	325	1446	33.17%	4	
Almendras Cogon	Moderate	5	≤lm	0.66	1,169	106	28	154	13.17%	3	
Balete	Moderate	5	≤lm	0.66	2,684	418	268	1095	40.80%	4	
Balogo - Bacon	Low	3	≤lm	0.33	511	113	38	172	33.66%	4	
Balogo - East	Moderate	5	≤lm	0.66	6,932	1048	225	1033	14.90%	3	
Barayong	Moderate	5	≤lm	0.66	1,008	224	26	112	11.11%	3	
Basud	Low	3	≤lm	0.33	2,811	575	311	1393	49.56%	4	
Bato	Low	2	≤lm	0.33	1,756	348	103	441	25.11%	4	

		HAZA	RD		EXPOSURE						
Barangay	Flood Susceptibility	Likelihood of Occurrence Score	Flood depth	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score	
	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for moderate and Low ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score	
Bibincahan	Low	4	≤1m	0.33	15,738	1770	142	653	4.15%	1	
Bitan-o	Moderate	5	≤1m	0.66	3,240	450	386	1744	53.83%	4	
Bonga	Low	1	≤1m	0.33	1,413	318	2	8	0.57%	1	
Bon-ot	Low	3	≤1m	0.33	623	142	116	465	74.64%	4	
Bucalbucalan	Low	3	≤1m	0.33	2,533	440	253	1224	48.32%	4	
Buenavista - Bacon	Moderate	5	≤lm	0.66	1,736	369	265	1103	63.54%	4	
Buenavista - West	Low	2	≤lm	0.33	1,469	225	84	412	28.05%	4	
Buhatan	Moderate	5	≤1m	0.66	3,395	856	429	1792	52.78%	4	
Bulabog	Low	4	≤1m	0.33	2,443	446	336	1500	61.40%	4	
Burabod	Low	4	≤1m	0.33	2,867	310	184	771	26.89%	4	
Cabarbuhan	Low	2	≤lm	0.33	858	182	13	50	5.83%	2	
Cabid-an	Moderate	5	≤1m	0.66	7,255	1125	686	3176	43.78%	4	
Cambulaga	Moderate	5	≤1m	0.66	4,418	817	734	3399	76.94%	4	
Capuy	Moderate	5	≤1m	0.66	2,561	437	379	1526	59.59%	4	
Caricaran	Moderate	5	≤lm	0.66	2,371	353	81	335	14.13%	3	
del Rosario	Low	4	≤lm	0.33	950	195	99	391	41.16%	4	

		HAZA	RD		EXPOSURE						
	Flood Susceptibility	Likelihood of Occurrence Score	Flood depth	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score	
Barangay	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for moderate and Low ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score	
Gatbo	Moderate	3	≤1m	0.66	2,494	563	446	1917	76.86%	4	
Gimaloto	Moderate	6	≤1m	0.66	1,050	211	196	816	77.71%	4	
Guinlajon	Low	2	≤1m	0.33	4,609	687	63	284	6.16%	2	
Jamislagan	Low	1	≤1m	0.33	565	130	5	27	4.78%	1	
Macabog	Low	4	≤lm	0.33	3,643	660	92	386	10.60%	3	
Marinas	Low	1	≤lm	0.33	761	201	15	58	7.62%	2	
Osiao	Moderate	4	≤lm	0.66	3,174	625	145	733	23.09%	4	
Pamurayan	Moderate	4	≤1m	0.66	1,966	353	90	377	19.18%	3	
Pangpang	Low	2	≤1m	0.33	9,230	778	38	157	1.70%	1	
Panlayaan	Low	1	≤1m	0.33	1,524	247	16	69	4.53%	1	
Penafrancia	Moderate	4	≤1m	0.66	1,763	337	66	316	17.92%	3	
Piot	Moderate	5	≤1m	0.66	2,647	560	498	2097	79.22%	4	
Poblacion	Moderate	5	≤1m	0.66	4,187	1127	964	3672	87.70%	4	
Polvorista	Moderate	5	≤lm	0.66	602	111	63	181	30.07%	4	
Rawis	Moderate	5	≤1m	0.66	1,354	217	139	608	44.90%	4	
Rizal	Moderate	5	≤1m	0.66	3,645	512	351	1572	43.13%	4	
Salog	Moderate	5	≤lm	0.66	2,920	552	484	1933	66.20%	4	

		HAZA	RD		EXPOSURE						
	Flood Susceptibility	Likelihood of Occurrence Score	Flood depth	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score	
Barangay	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for moderate and Low ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score	
Salvacion - Bacon	Low	3	≤1m	0.33	787	214	5	26	3.30%	1	
Salvacion - West	Low	1	≤1m	0.33	1,308	204	46	216	16.51%	3	
Sampaloc	Moderate	5	≤lm	0.66	4,719	748	346	1559	33.04%	4	
San Isidro - Bacon	Low	1	≤lm	0.33	2,640	567	29	101	3.83%	1	
San Isidro - West	Low	1	≤lm	0.33	1,563	373	93	383	24.50%	4	
San Jose	Low	1	≤lm	0.33	1,365	363	28	102	7.47%	2	
San Juan - Bacon	Low	1	≤lm	0.33	2,040	369	63	305	14.95%	3	
San Juan - roro	Low	2	≤lm	0.33	5,191	724	208	823	15.85%	3	
San Pascual	Low	1	≤1m	0.33	1,579	321	134	536	33.95%	4	
San Ramon	Low	1	≤1m	0.33	1,075	191	10	29	2.70%	1	
San Roque	Low	1	≤lm	0.33	3,059	529	129	501	16.38%	3	
San Vicente	Low	1	≤lm	0.33	1,490	282	17	66	4.43%	1	

		HAZA	RD				EXPC	OSURE		
	Flood Susceptibility	Likelihood of Occurrence Score	Flood depth	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score
Barangay	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for moderate and Low ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score
Sawanga	Moderate	3	≤1m	0.66	1,533	367	324	1370	89.37%	4
Sirangan	Moderate	5	≤1m	0.66	2,595	501	300	1307	50.37%	4
Sta. Cruz	Low	1	≤1m	0.33	1,157	282	27	117	10.11%	3
Sta. Lucia	Low	1	≤1m	0.33	481	128	1	3	0.62%	1
Sto. Domingo	Low	1	≤lm	0.33	1,300	291	15	57	4.38%	1
Sto. Nino	Low	1	≤lm	0.33	2,455	570	128	587	23.91%	4
Sugod	Moderate	3	≤lm	0.66	2,148	476	252	1027	47.81%	4
Sulucan	Moderate	5	≤lm	0.66	523	99	35	136	26.00%	4
Talisay	Moderate	5	≤lm	0.66	2,600	393	189	815	31.35%	4
Ticol	Low	3	≤lm	0.33	2,114	414	333	1450	68.59%	4
Tugos	Moderate	4	≤1m	0.66	3,154	711	693	1987	63.00%	4

For riverine flooding, 11.5% of the households are prone to riverbank erosion. 8.5% of the total households are regularly to frequently flooded. More than 50% of the household are not exposed to flooding and 29% occasionally to rarely.

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE HAZARD AND EXPOSURE

		HAZARD				EXP	EXPOSURE				
	Landslide Susceptibility	Likelihood of Occurrence Score	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score		
Barangay	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score		
Abuyog	Low	2	0.33	4,359	635	165	794	18.22%	3		
Almendras Cogon	Low	1	0.33	1,169	106	0	0	0.00%	0		
Balete	Moderate	4	0.66	2,684	418	26	118	4.40%	1		
Balogo - Bacon	Low	2	0.33	511	113	21	92	18.00%	3		
Balogo - East	Low	1	0.33	6,932	1048	0	0	0.00%	0		
Barayong	Low	1	0.33	1,008	224	2	10	0.99%	1		
Basud	Low	1	0.33	2,811	575	26	136	4.84%	1		
Bato	Moderate	3	0.66	1,756	348	41	186	10.59%	3		
Bibincahan	Low	1	0.33	15,738	1770	15	70	0.44%	1		
Bitan-o	Low	1	0.33	3,240	450	0	0	0.00%	0		
Bonga	Low	1	0.33	1,413	318	34	131	9.27%	2		
Bon-ot	Low	1	0.33	623	142	16	57	9.15%	2		
Bucalbucalan	Moderate	4	0.66	2,533	440	42	203	8.01%	2		

		HAZARD		EXPOSURE								
	Landslide Susceptibility	Likelihood of Occurrence Score	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score			
Barangay	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score			
Buenavista - Bacon	Moderate	5	0.66	1,736	369	135	505	29.09%	4			
Buenavista - West	Moderate	3	0.66	1,469	225	109	530	36.08%	4			
Buhatan	Low	2	0.33	3,395	856	175	755	22.24%	4			
Bulabog	Moderate	3	0.66	2,443	446	31	159	6.51%	2			
Burabod	Low	1	0.33	2,867	310	0	0	0.00%	0			
Cabarbuhan	Low	2	0.33	858	182	24	98	11.42%	3			
Cabid-an	Low	1	0.33	7,255	1125	0	0	0.00%	0			
Cambulaga	Low	1	0.33	4,418	817	0	0	0.00%	0			
Capuy	Low	1	0.33	2,561	437	11	46	1.80%	1			
Caricaran	Low	1	0.33	2,371	353	61	257	10.84%	3			
del Rosario	Low	1	0.33	950	195	33	130	13.68%	3			
Gatbo	Low	2	0.33	2,494	563	59	251	10.06%	3			
Gimaloto	Low	1	0.33	1,050	211	0	0	0.00%	0			
Guinlajon	Low	2	0.33	4,609	687	57	233	5.06%	2			
Jamislagan	Low	1	0.33	565	130	12	41	7.26%	2			
Macabog	Low	1	0.33	3,643	660	21	97	2.66%	1			
Marinas	Low	1	0.33	761	201	47	220	28.91%	4			
Osiao	Moderate	5	0.66	3,174	625	484	2405	75.77%	4			
Pamurayan	Low	1	0.33	1,966	353	12	46	2.34%	1			

		HAZARD		EXPOSURE								
	Landslide Susceptibility	Likelihood of Occurrence Score	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score			
Barangay	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score			
Pangpang	Low	2	0.33	9,230	778	12	61	0.66%	1			
Panlayaan	Moderate	3	0.66	1,524	247	235	962	63.12%	4			
Penafrancia	Low	1	0.33	1,763	337	8	38	2.16%	1			
Piot	Low	1	0.33	2,647	560	0	0	0.00%	0			
Poblacion	Low	1	0.33	4,187	1127	29	92	2.20%	1			
Polvorista	Low	1	0.33	602	111	0	0	0.00%	0			
Rawis	Low	1	0.33	1,354	217	21	87	6.43%	2			
Rizal	Moderate	5	0.66	3,645	512	130	523	14.35%	3			
Salog	Low	1	0.33	2,920	552	0	0	0.00%	0			
Salvacion - Bacon	Low	1	0.33	787	214	8	26	3.30%	1			
Salvacion - West	Low	1	0.33	1,308	204	139	651	49.77%	4			
Sampaloc	Low	1	0.33	4,719	748	0	0	0.00%	0			
San Isidro - Bacon	Low	1	0.33	2,640	567	20	66	2.50%	1			
San Isidro - West	Low	1	0.33	1,563	373	329	1490	95.33%	4			
San Jose	Low	1	0.33	1,365	363	18	42	3.08%	1			
San Juan - Bacon	Low	2	0.33	2,040	369	248	1157	56.72%	4			
San Juan -roro	Low	1	0.33	5,191	724	1	2	0.04%	1			
San Pascual	Low	1	0.33	1,579	321	76	324	20.52%	4			
San Ramon	Low	1	0.33	1,075	191	27	105	9.77%	2			

		HAZARD				EXP	OSURE		
	Landslide Susceptibility	Likelihood of Occurrence Score	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score
Barangay	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score
San Roque	Low	1	0.33	3,059	529	10	41	1.34%	1
San Vicente	Low	1	0.33	1,490	282	16	78	5.23%	2
Sawanga	Low	1	0.33	1,533	367	50	227	14.81%	3
Sirangan	Low	1	0.33	2,595	501	0	0	0.00%	0
Sta. Cruz	Moderate	4	0.66	1,157	282	41	174	15.04%	3
Sta. Lucia	Low	1	0.33	481	128	5	17	3.53%	1
Sto. Domingo	Low	1	0.33	1,300	291	6	25	1.92%	1
Sto. Nino	Moderate	4	0.66	2,455	570	369	1627	66.27%	4
Sugod	Low	1	0.33	2,148	476	2	4	0.19%	1
Sulucan	Low	1	0.33	523	99	0	0	0.00%	0
Talisay	Low	1	0.33	2,600	393	0	0	0.00%	0
Ticol	Low	1	0.33	2,114	414	25	127	6.01%	2
Tugos	Low	1	0.33	3,154	711	0	0	0.00%	0

²⁹ households are considered as highly susceptible to landslide, and 600 as moderately susceptible. 17.33% or 20.5 kilometers are affected by landslide. Sto. Nino and Osiao are considered as high risk and moderate risk respectively.

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY STORM SURGE HAZARD AND EXPOSURE

		HAZAF	RD				EXPC	OSURE		
	Hazard Susceptibility/ Intensity	Likelihood of Occurrence Score	Expected Inundation Depth	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score
Barangay	Low, Moderate, High/ Inundation Depth	Thru Anecdotal Account (Score range 1-6)	Depth according to hazard map	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score
Abuyog	Moderate	4	<0.5m	0.33	4,359	635	331	1493	34.25%	4
Almendras Cogon	Low	3	<0.5m	0.33	1,169	106	40	163	13.94%	3
Balete	Low	1	0	0.33	2,684	418	0	0	0.00%	0
Balogo - Bacon	Moderate	4	0.5-1.5m	0.66	511	113	40	183	35.81%	4
Balogo - East	Moderate	3	<0.5m	0.33	6,932	1048	477	2246	32.40%	4
Barayong	Low	1	0	0.33	1,008	224	0	0	0.00%	0
Basud	Low	1	0	0.33	2,811	575	0	0	0.00%	0
Bato	Moderate	3	<0.5m	0.33	1,756	348	128	544	30.98%	4
Bibincahan	Low	1	0	0.33	15,738	1770	0	0	0.00%	0
Bitan-o	Moderate	3	<0.5m	0.33	3,240	450	389	1752	54.07%	4

		HAZAF	RD		EXPOSURE						
	Hazard Susceptibility/ Intensity	Likelihood of Occurrence Score	Expected Inundation Depth	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score	
Barangay	Low, Moderate, High/ Inundation Depth	Thru Anecdotal Account (Score range 1-6)	Depth according to hazard map	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score	
Bonga	Low	3	<0.5m	0.33	1,413	318	19	64	4.53%	1	
Bon-ot	Moderate	4	0.5-1.5m	0.66	623	142	128	522	83.79%	4	
Bucalbucalan	Moderate	4	0.5-1.5m	0.66	2,533	440	33	156	6.16%	2	
Buenavista - Bacon	Moderate	4	0.5-1.5m	0.66	1,736	369	223	911	52.48%	4	
Buenavista - West	Low	3	<0.5m	0.33	1,469	225	9	40	2.72%	1	
Buhatan	Low	3	<0.5m	0.33	3,395	856	468	2022	59.56%	4	
Bulabog	Moderate	4	0.5-1.5m	0.66	2,443	446	178	790	32.34%	4	
Burabod	Low	3	<0.5m	0.33	2,867	310	122	507	17.68%	3	
Cabarbuhan	Low	1	0	0.33	858	182	0	0	0.00%	0	
Cabid-an	Moderate	3	<0.5m	0.33	7,255	1125	793	3649	50.30%	4	
Cambulaga	Moderate	3	<0.5m	0.33	4,418	817	565	2660	60.21%	4	
Capuy	Low	3	<0.5m	0.33	2,561	437	186	793	30.96%	4	
Caricaran	High	5	0.5-1.5m	0.66	2,371	353	102	391	16.49%	3	
del Rosario	Moderate	4	<0.5m	0.33	950	195	10	41	4.32%	1	
Gatbo	Moderate	4	<0.5m	0.33	2,494	563	319	1374	55.09%	4	

		HAZAI	RD		Total Population Number of Population Population Number of HH of the Population Fr CBMS, corresponds to the bray Affected Pop'n divided by Total Pop;n Expos							
	Hazard Susceptibility/ Intensity	Likelihood of Occurrence Score	Expected Inundation Depth	Magnitude Score			Affected HH		•	Exposure Score		
Barangay	Low, Moderate, High/ Inundation Depth	Thru Anecdotal Account (Score range 1-6)	Depth according to hazard map	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Population of the brgy (PSA,	HH of the brgy (PSA,	corresponds to the No. of	corresponds to the Family	Pop'n divided by Total Pop;n of the barangay multiply by	Exposure Score		
Gimaloto	High	4	0.5-1.5m	0.66	1,050	211	196	816	77.71%	4		
Guinlajon	Low	1	0	0.33	4,609	687	0	0	0.00%	0		
Jamislagan	Low	1	0	0.33	565	130	0	0	0.00%	0		
Macabog	Low	1	0	0.33	3,643	660	0	0	0.00%	0		
Marinas	Low	1	0	0.33	761	201	0	0	0.00%	0		
Osiao	High	5	0.5-1.5m	0.66	3,174	625	196	962	30.31%	4		
Pamurayan	Moderate	3	<0.5m	0.33	1,966	353	138	573	29.15%	4		
Pangpang	Low	1	0	0.33	9,230	778	0	0	0.00%	0		
Panlayaan	Low	1	0	0.33	1,524	247	0	0	0.00%	0		
Penafrancia	Moderate	3	<0.5m	0.33	1,763	337	50	258	14.63%	3		
Piot	Moderate	3	<0.5m	0.33	2,647	560	342	1399	52.85%	4		
Poblacion	High	5	0.5-1.5m	0.66	4,187	1127	662	2472	59.04%	4		
Polvorista	Low	3	<0.5m	0.33	602	111	62	179	29.73%	4		
Rawis	Moderate	3	<0.5m	0.33	1,354	217	6	26	1.92%	1		
Rizal	Low	3	<0.5m	0.33	3,645	512	127	647	17.75%	3		
Salog	Moderate	3	<0.5m	0.33	2,920	552	338	1324	45.34%	4		

		HAZAF	RD				EXPC	SURE		
	Hazard Susceptibility/ Intensity	Likelihood of Occurrence Score	Expected Inundation Depth	Magnitude Score	Barangay Population	Number of HH	Affected HH	Population Percentage	Exposure Percentage	Exposure Score
Barangay	Low, Moderate, High/ Inundation Depth	Thru Anecdotal Account (Score range 1-6)	Depth according to hazard map	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	corresponds to the Family	Pop'n divided by Total Pop;n of the barangay multiply by	Exposure Score
Salvacion - Bacon	Low	3	<0.5m	0.33	787	214	2	6	0.76%	1
Salvacion - West	Low	1	0	0.33	1,308	204	0	0	0.00%	0
Sampaloc	High	4	0.5-1.5m	0.66	4,719	748	514	2227	47.19%	4
San Isidro - Bacon	Low	1	0	0.33	2,640	567	0	0	0.00%	0
San Isidro - West	Low	1	0	0.33	1,563	373	0	0	0.00%	0
San Jose	Low	1	0	0.33	1,365	363	0	0	0.00%	0
San Juan - Bacon	Low	1	0	0.33	2,040	369	0	0	0.00%	0
San Juan - roro	Low	1	0	0.33	5,191	724	0	0	0.00%	0
San Pascual	Low	1	0	0.33	1,579	321				0
San Ramon	Low	1	0	0.33	1,075	191	0	0	0.00%	0
San Roque	Low	1	0	0.33	3,059	529	0	0	0.00%	0
San Vicente	Low	1	0	0.33	1,490	282	0	0	0.00%	0

		HAZAF	RD				EXPC	OSURE		
	Hazard Susceptibility/ Intensity	Likelihood of Occurrence Score	Expected Inundation Depth	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score
Barangay	Low, Moderate, High/ Inundation Depth	Thru Anecdotal Account (Score range 1-6)	Depth according to hazard map	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by	Exposure Score
Sawanga	High	5	0.5-1.5m	0.66	1,533	367	327	1366	89.11%	4
Sirangan	High	5	0.5-1.5m	0.66	2,595	501	451	1983	76.42%	4
Sta. Cruz	Low	1	0	0.33	1,157	282	0	0	0.00%	0
Sta. Lucia	Low	1	0	0.33	481	128	0	0	0.00%	0
Sto. Domingo	Low	1	0	0.33	1,300	291	0	0	0.00%	0
Sto. Nino	Moderate	4	0.5-1.5m	0.66	2,455	570	86	399	16.25%	3
Sugod	Moderate	3	<0.5m	0.33	2,148	476	238	992	46.18%	4
Sulucan	Moderate	1	0	0.33	523	99	51	194	37.09%	4
Talisay	High	4	0.5-1.5m	0.66	2,600	393	295	1217	46.81%	4
Ticol	Low	1	0	0.33	2,114	414	0	0	0.00%	0
Tugos	Low	1	0	0.33	3,154	711	28	69	2.19%	1

^{8,722} households are affected by storm surge on both coastal barangays facing Albay Gulf and Sorsogon Bay. 29,000 kilometers or 12.5% of the road networks is affected, with two barangays considered as high risk and 6 barangays moderate.

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY TSUNAMI HAZARD AND EXPOSURE

		HAZARD				EX	POSURE		
	Hazard Susceptibility/ Intensity	Likelihood of Occurrence Score	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score
Barangay	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score
Abuyog	Low	1	0.33	4,359	635	0	0	0.00%	0
Almendras Cogon	Low	1	0.33	1,169	106	0	0	0.00%	0
Balete	Low	1	0.33	2,684	418	0	0	0.00%	0
Balogo - Bacon	High	3	0.66	511	113	0	0	0.00%	0
Balogo - East	Low	1	0.33	6,932	1048	0	0	0.00%	0
Barayong	Low	1	0.33	1,008	224	0	0	0.00%	0
Basud	Low	1	0.33	2,811	575	0	0	0.00%	0
Bato	Moderate	3	0.66	1,756	348	163	650	37.02%	4
Bibincahan	Low	1	0.33	15,738	1770	0	0	0.00%	0
Bitan-o	Low	1	0.33	3,240	450	0	0	0.00%	0

		HAZARD				EX	POSURE		
	Hazard Susceptibility/ Intensity	Likelihood of Occurrence Score	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score
Barangay	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score
Bonga	Moderate	3	0.66	1,413	318	8	27	1.91%	1
Bon-ot	High	3	0.66	623	142	73	287	46.07%	4
Bucalbucalan	Low	1	0.33	2,533	440	0	0	0.00%	0
Buenavista - Bacon	Moderate	3	0.66	1,736	369	100	405	23.33%	4
Buenavista - West	Low	1	0.33	1,469	225	0	0	0.00%	0
Buhatan	Low	1	0.33	3,395	856	0	0	0.00%	0
Bulabog	Low	1	0.66	2,443	446	0	0	0.00%	0
Burabod	Low	1	0.33	2,867	310	0	0	0.00%	0
Cabarbuhan	Low	1	0.33	858	182	0	0	0.00%	0
Cabid-an	Low	1	0.33	7,255	1125	0	0	0.00%	0
Cambulaga	Low	1	0.33	4,418	817	0	0	0.00%	0
Capuy	Low	1	0.33	2,561	437	0	0	0.00%	0
Caricaran	High	3	0.66	2,371	353	229	931	39.27%	4
del Rosario	Moderate	3	0.66	950	195	61	248	26.11%	4
Gatbo	Moderate	3	0.66	2,494	563	437	1879	75.34%	4

		HAZARD				EX	POSURE		
	Hazard Susceptibility/ Intensity	Likelihood of Occurrence Score	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score
Barangay	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score
Gimaloto	Low	1	0.33	1,050	211	0	0	0.00%	0
Guinlajon	Low	1	0.33	4,609	687	0	0	0.00%	0
Jamislagan	Low	1	0.33	565	130	0	0	0.00%	0
Macabog	Low	1	0.33	3,643	660	0	0	0.00%	0
Marinas	Low	1	0.33	761	201	0	0	0.00%	0
Osiao	High	3	0.66	3,174	625	270	1377	43.38%	4
Pamurayan	Low	1	0.33	1,966	353	0	0	0.00%	0
Pangpang	Low	1	0.33	9,230	778	0	0	0.00%	0
Panlayaan	Low	1	0.33	1,524	247	0	0	0.00%	0
Penafrancia	Low	1	0.33	1,763	337	0	0	0.00%	0
Piot	Low	1	0.33	2,647	560	6	24	0.91%	1
Poblacion	High	3	0.66	4,187	1127	695	2631	62.84%	4
Polvorista	Low	1	0.33	602	111	0	0	0.00%	0
Rawis	Moderate	3	0.66	1,354	217	103	466	34.42%	4
Rizal	Low	1	0.33	3,645	512	0	0	0.00%	0
Salog	Low	1	0.33	2,920	552	0	0	0.00%	0

		HAZARD				EX	POSURE		
	Hazard Susceptibility/ Intensity	Likelihood of Occurrence Score	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score
Barangay	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score
Salvacion - Bacon	Low	1	0.33	787	214	21	73	9.28%	2
Salvacion - West	Low	1	0.33	1,308	204	0	0	0.00%	0
Sampaloc	Low	1	0.33	4,719	748	0	0	0.00%	0
San Isidro - Bacon	Low	1	0.33	2,640	567	0	0	0.00%	0
San Isidro - West	Low	1	0.33	1,563	373	0	0	0.00%	0
San Jose	Low	1	0.33	1,365	363	0	0	0.00%	0
San Juan - Bacon	Low	1	0.33	2,040	369	33	156	7.65%	2
San Juan -roro	Low	1	0.33	5,191	724	0	0	0.00%	0
San Pascual	Low	1	0.33	1,579	321	0	0	0.00%	0
San Ramon	Low	1	0.33	1,075	191	0	0	0.00%	0
San Roque	Low	1	0.33	3,059	529	0	0	0.00%	0
San Vicente	Low	1	0.33	1,490	282	0	0	0.00%	0
Sawanga	High	3	0.66	1,533	367	44	217	14.16%	3
Sirangan	Low	1	0.33	2,595	501	0	0	0.00%	0

		HAZARD				EX	POSURE		
	Hazard Susceptibility/ Intensity	Likelihood of Occurrence Score	Magnitude Score	Barangay Population	Number of HH	Affected HH	Affected Population	Exposure Percentage	Exposure Score
Barangay	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total Population of the brgy (PSA, CBMS)	Number of HH of the brgy (PSA, CBMS)	Fr CBMS, corresponds to the No. of HH Heads	from CBMS corresponds to the Family Members	Affected Pop'n divided by Total Pop;n of the barangay multiply by 100	Exposure Score
Sta. Cruz	Low	1	0.33	1,157	282	0	0	0.00%	0
Sta. Lucia	Low	1	0.33	481	128	11	38	7.90%	2
Sto. Domingo	Low	1	0.33	1,300	291	2	4	0.31%	1
Sto. Nino	Moderate	3	0.66	2,455	570	191	864	35.19%	4
Sugod	Moderate	3	0.66	2,148	476	11	46	2.14%	1
Sulucan	Low	1	0.33	523	99	0	0	0.00%	0
Talisay	Low	1	0.33	2,600	393	0	0	0.00%	0
Ticol	Low	1	0.33	2,114	414	0	0	0.00%	0
Tugos	Low	1	0.33	3,154	711	0	0	0.00%	0

Tsunamis are triggered by a strong earthquake of magnitude greater than 8.0. Only coastal areas facing Albay Gulf/Sugot Bay are considered as high risk to tsunami inundation. Earthquakes triggering tsunami at Sorsogon Bay is unlikely to occur being enclosed in structure within the bay. The number of households at risk to tsunami is 2,947.

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY FLOOD SENSITIVITY

									SENSITI	VITY									
		ntage of Ir Settlers (IS		dwell from li	entage liv ling units r ight mater geable ma	made rials or		ge of you depende	_		ntage of p th disabili			ntage bel erty Thres		Me	ercentage alnourishe ndividuals	d	Avera ge Sensiti vity Score
Baranga y	Num ber of expo sed IS	No. of HH accou nted as IS divide d affect ed HH	Sensiti vity Score	No.of expo sed HH living in light mate rials	No. of accou nted HH divide d by affect ed HH	Sensiti vity Score	No. of expose d young and old depen dents	No. of accounted individuals divide aby affected population	Sensiti vity Score	No. of expo sed PWDs	No. of accounted individuals divide a by affected population	Sensiti vity Score	No.of expos ed HH living belo w Pover ty Thres hold	No. of accou nted HH divide d by affect ed HH	Sensiti vity Score	No. of expos ed malno u-rished individ uals	No. of accou nted individ uals divide a by affect ed popula tion	Sensiti vity Score	Roun ded up avera ge sensiti vity score
Abuyog	62	19.08%	3	62	19.08%	3	724	50.07%	4	21	1.45%	1	62	19.08%	3	3	0.21%	1	3
Almendr as Cogon	0	0.00%	1	0	0.00%	1	85	55.19%	4	3	1.95%	1	0	0.00%	1	3	1.95%	1	2
Balete	15	5.60%	2	15	5.60%	2	560	51.14%	4	17	1.55%	1	15	5.60%	2	3	0.27%	1	2
Balogo - Bacon	2	5.26%	2	2	5.26%	2	99	57.56%	4	0	0.00%	1	2	5.26%	2	2	1.16%	1	2
Balogo - East	5	2.22%	1	5	2.22%	1	527	51.02%	4	5	0.48%	1	5	2.22%	1	10	0.97%	1	2
Barayon g	3	11.54%	3	3	11.54%	3	53	47.32%	4	0	0.00%	1	3	11.54%	3	2	1.79%	1	3
Basud	17	5.47%	2	17	5.47%	2	752	53.98%	4	25	1.79%	1	17	5.47%	2	2	0.14%	1	2
Bato	2	1.94%	1	2	1.94%	1	225	51.02%	4	3	0.68%	1	2	1.94%	1	2	0.45%	1	2
Bibincah an	16	11.27%	3	16	11.27%	3	336	51.45%	4	4	0.61%	1	16	11.27%	3	10	1.53%	1	3
Bitan-o	130	33.68%	4	130	33.68%	4	921	52.81%	4	24	1.38%	1	130	33.68%	4	10	0.57%	1	3
Bonga	0	0.00%	1	0	0.00%	1	5	62.50%	4	0	0.00%	1	0	0.00%	1	2	25.00%	4	2
Bon-ot	21	18.10%	3	21	18.10%	3	265	56.99%	4	6	1.29%	1	21	18.10%	3	5	1.08%	1	3

									SENSITI	VITY									
		ntage of Ir Settlers (IS		dwell from li	entage livi ling units r ight matei jeable ma	nade ials or		ge of you depender	_		ntage of p th disabilit			ntage belo erty Thresl		Me	ercentage alnourishe ndividuals	ed	Avera ge Sensiti vity Score
Baranga y	Num ber of expo sed IS	No. of HH accou nted as IS divide d affect ed HH	Sensiti vity Score	No.of expo sed HH living in light mate rials	No. of accou nted HH divide d by affect ed HH	Sensiti vity Score	No. of expose d young and old depen dents	No. of accounted individuals divide aby affected population	Sensiti vity Score	No. of expo sed PWDs	No. of accounted individuals divide dby affected population	Sensiti vity Score	No.of expos ed HH living belo w Pover ty Thres hold	No. of accou nted HH divide d by affect ed HH	Sensiti vity Score	No. of expos ed malno u-rished individ uals	No. of accounted individuals divide dby affected population	Sensiti vity Score	Roun ded up avera ge sensiti vity score
Bucalbu calan	50	19.76%	3	50	19.76%	3	675	55.15%	4	18	1.47%	1	50	19.76%	3	3	0.25%	1	3
Buenavis ta - Bacon	28	10.57%	3	28	10.57%	3	573	51.95%	4	6	0.54%	1	28	10.57%	3	2	0.18%	1	3
Buenavis ta - West	10	11.90%	3	10	11.90%	3	247	59.95%	4	2	0.49%	1	10	11.90%	3	2	0.49%	1	3
Buhatan	31	7.23%	2	31	7.23%	2	887	49.50%	4	17	0.95%	1	31	7.23%	2	3	0.17%	1	2
Bulabog	47	13.99%	3	47	13.99%	3	781	52.07%	4	18	1.20%	1	47	13.99%	3	3	0.20%	1	3
Burabod	32	17.39%	3	32	17.39%	3	396	51.36%	4	10	1.30%	1	32	17.39%	3	5	0.65%	1	3
Cabarb uhan	3	23.08%	4	3	23.08%	4	30	60.00%	4	1	2.00%	1	3	23.08%	4	5	10.00%	2	4
Cabid- an	98	14.29%	3	98	14.29%	3	1484	46.73%	4	12	0.38%	1	98	14.29%	3	10	0.31%	1	3
Cambul aga	99	13.49%	3	99	13.49%	3	1768	52.02%	4	25	0.74%	1	99	13.49%	3	5	0.15%	1	3
Capuy	48	12.66%	3	48	12.66%	3	753	49.34%	4	14	0.92%	1	48	12.66%	3	5	0.33%	1	3
Caricara n	6	7.41%	2	6	7.41%	2	167	49.85%	4	3	0.90%	1	6	7.41%	2	5	1.49%	1	2
del Rosario	5	5.05%	2	5	5.05%	2	207	52.94%	4	1	0.26%	1	5	5.05%	2	5	1.28%	1	2
Gatbo	58	13.00%	3	58	13.00%	3	1056	55.09%	4	25	1.30%	1	58	13.00%	3	5	0.26%	1	3

									SENSITI	VITY									
		ntage of Ir Settlers (IS		dwell from li	entage liv ling units r ight mater geable mo	made rials or		ge of you depende	_		ntage of p th disabilit			ntage belo erty Threst		Me	ercentage alnourishe ndividuals	ed	Avera ge Sensiti vity Score
Baranga y	Num ber of expo sed IS	No. of HH accou nted as IS divide d affect ed HH	Sensiti vity Score	No.of expo sed HH living in light mate rials	No. of accou nted HH divide d by affect ed HH	Sensiti vity Score	No. of expose d young and old depen dents	No. of accounted individuals divide aby affected population	Sensiti vity Score	No. of expo sed PWDs	No. of accounted individuals divide aby affected population	Sensiti vity Score	No.of expos ed HH living belo w Pover ty Thres hold	No. of accou nted HH divide d by affect ed HH	Sensiti vity Score	No. of expos ed malno u- rished individ uals	No. of accounted individuals divide aby affected population	Sensiti vity Score	Roun ded up avera ge sensiti vity score
Gimalot o	30	15.31%	3	30	15.31%	3	429	52.57%	4	4	0.49%	1	30	15.31%	3	5	0.61%	1	3
Guinlajo n	6	9.52%	2	6	9.52%	2	142	50.00%	4	4	1.41%	1	6	9.52%	2	5	1.76%	1	2
Jamislag an	0	0.00%	1	0	0.00%	1	13	48.15%	4	1	3.70%	1	0	0.00%	1	6	22.22%	4	2
Macabo g	12	13.04%	3	12	13.04%	3	208	53.89%	4	6	1.55%	1	12	13.04%	3	5	1.30%	1	3
Marinas	1	6.67%	2	1	6.67%	2	33	56.90%	4	0	0.00%	1	1	6.67%	2	3	5.17%	2	3
Osiao	85	58.62%	4	85	58.62%	4	387	52.80%	4	8	1.09%	1	85	58.62%	4	7	0.95%	1	3
Pamuray an	10	11.11%	3	10	11.11%	3	183	48.54%	4	5	1.33%	1	10	11.11%	3	6	1.59%	1	3
Pangpa ng	2	5.26%	2	2	5.26%	2	76	48.41%	4	2	1.27%	1	2	5.26%	2	5	3.18%	1	2
Panlaya an	1	6.25%	2	1	6.25%	2	35	50.72%	4	0	0.00%	1	1	6.25%	2	3	4.35%	1	2
Penafra ncia	4	6.06%	2	4	6.06%	2	187	59.18%	4	4	1.27%	1	4	6.06%	2	3	0.95%	1	2
Piot	23	4.62%	1	23	4.62%	1	1032	49.21%	4	9	0.43%	1	23	4.62%	1	2	0.10%	1	2
Poblacio n	118	12.24%	3	118	12.24%	3	1845	50.25%	4	42	1.14%	1	118	12.24%	3	2	0.05%	1	3
Polvorist a	1	1.59%	1	1	1.59%	1	81	44.75%	4	1	0.55%	1	1	1.59%	1	3	1.66%	1	2

									SENSITI	VITY									
		ntage of Ir Settlers (IS		dwell from li	entage livi ling units r ight matei jeable mo	nade rials or		ge of you depender			ntage of p th disabilit			ntage belo erty Thresl		Mo	ercentage alnourishe ndividuals	d	Avera ge Sensiti vity Score
Baranga y	Num ber of expo sed IS	No. of HH accou nted as IS divide d affect ed HH	Sensiti vity Score	No.of expo sed HH living in light mate rials	No. of accou nted HH divide d by affect ed HH	Sensiti vity Score	No. of expose d young and old depen dents	No. of accou nted individ uals divide d by affect ed popula tion	Sensiti vity Score	No. of expo sed PWDs	No. of accou nted individ uals divide d by affect ed popula tion	Sensiti vity Score	No.of expos ed HH living belo w Pover ty Thres hold	No. of accou nted HH divide d by affect ed HH	Sensiti vity Score	No. of expos ed malno u-rished individ uals	No. of accou nted individ uals divide a by affect ed popula tion	Sensiti vity Score	Roun ded up avera ge sensiti vity score
Rawis	8	5.76%	2	8	5.76%	2	306	50.33%	4	8	1.32%	1	8	5.76%	2	2	0.33%	1	2
Rizal Salog	26 109	7.41% 22.52%	2	26 109	7.41% 22.52%	2	832 999	52.93% 51.68%	4	23 24	1.46% 1.24%	1	26 109	7.41% 22.52%	2	3	0.19% 0.16%	1	3
Salvacio n - Bacon	0	0.00%	1	0	0.00%	1	18	69.23%	4	0	0.00%	1	0	0.00%	1	2	7.69%	2	2
Salvacio n - West	11	23.91%	4	11	23.91%	4	109	50.46%	4	1	0.46%	1	11	23.91%	4	2	0.93%	1	3
Sampalo c	37	10.69%	3	37	10.69%	3	840	53.88%	4	12	0.77%	1	37	10.69%	3	10	0.64%	1	3
San Isidro - Bacon	2	6.90%	2	2	6.90%	2	48	47.52%	4	0	0.00%	1	2	6.90%	2	2	1.98%	1	2
San Isidro - West	7	7.53%	2	7	7.53%	2	199	51.96%	4	4	1.04%	1	7	7.53%	2	2	0.52%	1	2
San Jose	0	0.00%	1	0	0.00%	1	52	50.98%	4	2	1.96%	1	0	0.00%	1	2	1.96%	1	2
San Juan - Bacon	11	17.46%	3	11	17.46%	3	168	55.08%	4	4	1.31%	1	11	17.46%	3	2	0.66%	1	3
San Juan - roro	6	2.88%	1	6	2.88%	1	403	48.97%	4	18	2.19%	1	6	2.88%	1	2	0.24%	1	2

									SENSITI	VITY									
		ntage of Ir Settlers (IS		dwel	entage liv ling units i ight matei geable mo	made rials or		ge of you depende	_		ntage of p th disabili			ntage belo erty Thresl		Me	ercentage alnourishe ndividuals	d	Avera ge Sensiti vity Score
Baranga y	Num ber of expo sed IS	No. of HH accou nted as IS divide d affect ed HH	Sensiti vity Score	No.of expo sed HH living in light mate rials	No. of accou nted HH divide d by affect ed HH	Sensiti vity Score	No. of expose d young and old depen dents	No. of accounted individuals divide a by affect ed population	Sensiti vity Score	No. of expo sed PWDs	No. of accounted individuals divide a by affect ed population	Sensiti vity Score	No.of expos ed HH living belo w Pover ty Thres hold	No. of accou nted HH divide d by affect ed HH	Sensiti vity Score	No. of expos ed malno u-rished individ uals	No. of accounted individuals divide aby affected population	Sensiti vity Score	Roun ded up avera ge sensiti vity score
San Pascual	5	3.73%	1	5	3.73%	1	268	50.00%	4	9	1.68%	1	5	3.73%	1	2	0.37%	1	2
San Ramon	0	0.00%	1	0	0.00%	1	11	37.93%	4	0	0.00%	1	0	0.00%	1	2	6.90%	2	2
San Roque	9	6.98%	2	9	6.98%	2	249	49.70%	4	4	0.80%	1	9	6.98%	2	2	0.40%	1	2
San Vicente	4	23.53%	4	4	23.53%	4	30	45.45%	4	0	0.00%	1	4	23.53%	4	2	3.03%	1	3
Sawang a	9	2.78%	1	9	2.78%	1	777	56.72%	4	14	1.02%	1	9	2.78%	1	2	0.15%	1	2
Sirangan	83	27.67%	4	83	27.67%	4	680	52.03%	4	8	0.61%	1	83	27.67%	4	10	0.77%	1	3
Sta. Cruz	6	22.22%	4	6	22.22%	4	58	49.57%	4	3	2.56%	1	6	22.22%	4	2	1.71%	1	3
Sta. Lucia	0	0.00%	1	0	0.00%	1	1	33.33%	4	0	0.00%	1	0	0.00%	1	2	66.67%	4	2
Sto. Doming o	0	0.00%	1	0	0.00%	1	27	47.37%	4	0	0.00%	1	0	0.00%	1	2	3.51%	1	2
Sto. Nino	39	30.47%	4	39	30.47%	4	315	53.66%	4	5	0.85%	1	39	30.47%	4	2	0.34%	1	3
Sugod	18	7.14%	2	18	7.14%	2	537	52.29%	4	12	1.17%	1	18	7.14%	2	2	0.19%	1	2
Sulucan	1	2.86%	1	1	2.86%	1	69	50.74%	4	0	0.00%	1	1	2.86%	1	2	1.47%	1	2
Talisay	20	10.58%	3	20	10.58%	3	424	52.02%	4	10	1.23%	1	20	10.58%	3	5	0.61%	1	3
Ticol	30	9.01%	2	30	9.01%	2	736	50.76%	4	18	1.24%	1	30	9.01%	2	2	0.14%	1	2
Tugos	26	3.75%	1	26	3.75%	1	903	45.45%	4	6	0.30%	1	26	3.75%	1	2	0.10%	1	2

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE SENSITIVITY

									SENSITIV	ITY									
	Perce	ntage of In Settlers (IS)		dwellir lig	entage livi g units mad ht materials geable ma	de from s or		ge of young lependents		Percen	tage of pers		Po	entage belo verty Thresh			age Malno Individuals	urished	Average Sensitivity Score
Barangay	Number of exposed IS	No. of HH accounted as IS divided affected HH	Sensitivity Score	No.of exposed HH living in light materials	No. of accounted HH divided by affected HH	Sensitivity Score	No. of exposed young and old dependents	No. of accounted individuals divided by affected population	Sensitivity Score	No. of exposed PWDs	No. of accounted individuals divided by affected population	Sensitivity Score	No.of exposed HH living below Poverty Threshold	No. of accounted HH divided by affected HH	Sensitivity Score	No. of exposed malnou- rished individuals	No. of accounted individuals divided by affected population	Sensitivity Score	Rounded up average sensitivity score
Abuyog	14	8.48%	2	14	8.48%	2	408	51.39%	4	9	1.13%	1	14	8.48%	2	1	0.13%	1	2
Almendras Cogon	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Balete	1	3.85%	1	1	3.85%	1	64	54.24%	4	1	0.85%	1	1	3.85%	1	0	0.00%	1	2
Balogo - Bacon	0	0.00%	1	0	0.00%	1	52	56.52%	4	0	0.00%	1	0	0.00%	1	1	1.09%	1	2
Balogo - East	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Barayong	0	0.00%	1	0	0.00%	1	5	50.00%	4	0	0.00%	1	0	0.00%	1	0	0.00%	1	2
Basud	0	0.00%	1	0	0.00%	1	73	53.68%	4	1	0.74%	1	0	0.00%	1	2	1.47%	1	2
Bato	2	4.88%	1	2	4.88%	1	91	48.92%	4	2	1.08%	1	2	4.88%	1	2	1.08%	1	2
Bibincahan	1	6.67%	2	1	6.67%	2	34	48.57%	4	1	1.43%	1	1	6.67%	2	1	1.43%	1	2
Bitan-o	1	0.00%	1	1	0.00%	1	0	0.00%	1	0	0.00%	1	1	0.00%	1	0	0.00%	1	1
Bonga	4	11.76%	3	4	11.76%	3	61	46.56%	4	0	0.00%	1	4	11.76%	3	0	0.00%	1	3
Bon-ot	0	0.00%	1	0	0.00%	1	33	57.89%	4	5	8.77%	2	0	0.00%	1	1	1.75%	1	2
Bucalbucalan	11	26.19%	4	11	26.19%	4	124	61.08%	4	1	0.49%	1	11	26.19%	4	1	0.49%	1	3
Buenavista - Bacon	8	5.93%	2	8	5.93%	2	247	48.91%	4	2	0.40%	1	8	5.93%	2	2	0.40%	1	2
Buenavista - West	10	9.17%	2	10	9.17%	2	290	54.72%	4	0	0.00%	1	10	9.17%	2	2	0.38%	1	2
Buhatan	8	4.57%	1	8	4.57%	1	396	52.45%	4	6	0.79%	1	8	4.57%	1	1	0.13%	1	2
Bulabog	3	9.68%	2	3	9.68%	2	78	49.06%	4	2	1.26%	1	3	9.68%	2	1	0.63%	1	2
Burabod	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Cabarbuhan	2	8.33%	2	2	8.33%	2	59	60.20%	4	1	1.02%	1	2	8.33%	2	1	1.02%	1	2
Cabid-an	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Cambulaga	1	0.00%	1	1	0.00%	1	0	0.00%	1	0	0.00%	1	1	0.00%	1	0	0.00%	1	1
Capuy	1	9.09%	2	1	9.09%	2	24	52.17%	4	0	0.00%	1	1	9.09%	2	0	0.00%	1	2
Caricaran	5	8.20%	2	5	8.20%	2	138	53.70%	4	1	0.39%	1	5	8.20%	2	1	0.39%	1	2
del Rosario	4	12.12%	3	4	12.12%	3	73	56.15%	4	0	0.00%	1	4	12.12%	3	1	0.77%	1	3
Gatbo	4	6.78%	2	4	6.78%	2	134	53.39%	4	2	0.80%	1	4	6.78%	2	1	0.40%	1	2

									SENSITIV	'ITY									
_	Perce	entage of In Settlers (IS)		dwellin lig	entage living units mad the materials geable ma	de from s or	_	ge of young ependents		Percent	tage of pers disabilities			entage belo verty Thresh		Percen	tage Malno Individuals	urished	Average Sensitivity Score
Barangay	Number of exposed IS	No. of HH accounted as IS divided affected HH	Sensitivity Score	No.of exposed HH living in light materials	No. of accounted HH divided by affected HH	Sensitivity Score	No. of exposed young and old dependents	No. of accounted individuals divided by affected population	Sensitivity Score	No. of exposed PWDs	No. of accounted individuals divided by affected population	Sensitivity Score	No.of exposed HH living below Poverty Threshold	No. of accounted HH divided by affected HH	Sensitivity Score	No. of exposed malnou- rished individuals	No. of accounted individuals divided by affected population	Sensitivity Score	Rounded up average sensitivity score
Gimaloto	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Guinlajon	10	17.54%	3	10	17.54%	3	111	47.64%	4	3	1.29%	1	10	17.54%	3	1	0.43%	1	3
Jamislagan	0	0.00%	1	0	0.00%	1	24	58.54%	4	0	0.00%	1	0	0.00%	1	0	0.00%	1	2
Macabog	2	9.52%	2	2	9.52%	2	52	53.61%	4	0	0.00%	1	2	9.52%	2	0	0.00%	1	2
Marinas	1	2.13%	1	1	2.13%	1	123	55.91%	4	1	0.45%	1	1	2.13%	1	1	0.45%	1	2
Osiao	235	48.55%	4	235	48.55%	4	1299	54.01%	4	23	0.96%	1	235	48.55%	4	2	0.08%	1	3
Pamurayan	1	8.33%	2	1	8.33%	2	26	56.52%	4	0	0.00%	1	1	8.33%	2	0	0.00%	1	2
Pangpang	2	16.67%	3	2	16.67%	3	35	57.38%	4	0	0.00%	1	2	16.67%	3	0	0.00%	1	3
Panlayaan	17	7.23%	2	17	7.23%	2	501	52.08%	4	6	0.62%	1	17	7.23%	2	0	0.00%	1	2
Penafrancia	0	0.00%	1	0	0.00%	1	21	55.26%	4	0	0.00%	1	0	0.00%	1	0	0.00%	1	2
Piot	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Poblacion	10	34.48%	4	10	34.48%	4	47	51.09%	4	1	1.09%	1	10	34.48%	4	0	0.00%	1	3
Polvorista	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Rawis	3	14.29%	3	3	14.29%	3	45	51.72%	4	0	0.00%	1	3	14.29%	3	1	1.15%	1	3
Rizal	11	8.46%	2	11	8.46%	2	272	52.01%	4	4	0.76%	1	11	8.46%	2	2	0.38%	1	2
Salog	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Salvacion - Bacon	2	25.00%	4	2	25.00%	4	13	50.00%	4	0	0.00%	1	2	25.00%	4	0	0.00%	1	3
Salvacion - West	21	15.11%	3	21	15.11%	3	342	52.53%	4	3	0.46%	1	21	15.11%	3	5	0.77%	1	3
Sampaloc	1	0.00%	1	1	0.00%	1	0	0.00%	1	0	0.00%	1	1	0.00%	1	0	0.00%	1	1
San Isidro - Bacon	3	15.00%	3	3	15.00%	3	35	53.03%	4	0	0.00%	1	3	15.00%	3	0	0.00%	1	3
San Isidro - West	7	2.13%	1	7	2.13%	1	822	55.17%	4	15	1.01%	1	7	2.13%	1	2	0.13%	1	2
San Jose	2	11.11%	3	2	11.11%	3	19	45.24%	4	0	0.00%	1	2	11.11%	3	0	0.00%	1	3
San Juan - Bacon	27	10.89%	3	27	10.89%	3	612	52.90%	4	11	0.95%	1	27	10.89%	3	2	0.17%	1	3
San Juan - roro	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Pascual	2	2.63%	1	2	2.63%	1	175	54.01%	4	3	0.93%	1	2	2.63%	1	2	0.62%	1	2
San Ramon	4	14.81%	3	4	14.81%	3	55	52.38%	4	0	0.00%	1	4	14.81%	3	0	0.00%	1	3
San Roque	1	10.00%	2	1	10.00%	2	19	46.34%	4	0	0.00%	1	1	10.00%	2	0	0.00%	1	2
San Vicente	3	18.75%	3	3	18.75%	3	45	57.69%	4	0	0.00%	1	3	18.75%	3	0	0.00%	1	3
Sawanga	0	0.00%	1	0	0.00%	1	117	51.54%	4	0	0.00%	1	0	0.00%	1	2	0.88%	1	2
Sirangan	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1

									SENSITIV	ITY									
		ntage of In Settlers (IS)		dwellin lig	entage living units mad ht materials geable ma	de from s or	_	ge of young ependents		Percent	age of pers disabilities			entage belo verty Thresh			age Malno Individuals	urished	Average Sensitivity Score
Barangay	Number of exposed IS	No. of HH accounted as IS divided affected HH	Sensitivity Score	No.of exposed HH living in light materials	No. of accounted HH divided by affected HH	Sensitivity Score	No. of exposed young and old dependents	No. of accounted individuals divided by affected population	Sensitivity Score	No. of exposed PWDs	No. of accounted individuals divided by affected population	Sensitivity Score	No.of exposed HH living below Poverty Threshold	No. of accounted HH divided by affected HH	Sensitivity Score	No. of exposed malnou- rished individuals	No. of accounted individuals divided by affected population	Sensitivity Score	Rounded up average sensitivity score
Sta. Cruz	7	17.07%	3	7	17.07%	3	83	47.70%	4	0	0.00%	1	7	17.07%	3	2	1.15%	1	3
Sta. Lucia	2	40.00%	4	2	40.00%	4	8	47.06%	4	1	5.88%	2	2	40.00%	4	0	0.00%	1	4
Sto. Domingo	1	16.67%	3	1	16.67%	3	9	36.00%	4	0	0.00%	1	1	16.67%	3	0	0.00%	1	3
Sto. Nino	40	10.84%	3	40	10.84%	3	898	55.19%	4	11	0.68%	1	40	10.84%	3	2	0.12%	1	3
Sugod	0	0.00%	1	0	0.00%	1	1	25.00%	4	1	25.00%	4	0	0.00%	1	0	0.00%	1	2
Sulucan	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Talisay	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Ticol	3	12.00%	3	3	12.00%	3	72	56.69%	4	4	3.15%	1	3	12.00%	3	1	0.79%	1	3
Tugos	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY STORM SURGE SENSITIVITY

									S	ENSITIVITY	1								
	Perce	Percentage of Informal Settlers (IS)		units	age living in made from ials or salvaç materials	light		ge of young lependents	and old	Percen	tage of pers disabilities	ons with		entage belo verty Thresh		Percen	tage Malnou Individuals	urished	Averag e Sensitiv ity Score
Barangay	Numb er of expos ed IS	No. of HH account ed as IS divided affected HH	Sensitivi ty Score	No.of expose d HH living in light materi als	No. of account ed HH divided by affected HH	Sensitivi ty Score	No. of exposed young and old depende nts	No. of account ed individua Is divided by affected populati on	Sensitivi ty Score	No. of expos ed PWDs	No. of account ed individua Is divided by affected populati on	Sensitivi ty Score	No.of expose d HH living below Poverty Thresho Id	No. of account ed HH divided by affected HH	Sensitivi ty Score	No. of expose d malnou- rished individu als	No. of account ed individua Is divided by affected populati on	Sensitivi ty Score	Round ed up averag e sensitivi ty score
Abuyog	61	18.43%	3	61	18.43%	3	752	50.37%	4	25	1.67%	1	61	18.43%	3	1	0.07%	1	3
Almendras Cogon	2	5.00%	1	2	5.00%	1	93	57.06%	4	2	1.23%	1	2	5.00%	1	0	0.00%	1	2
Balete	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Balogo - Bacon	3	7.50%	2	3	7.50%	2	106	57.92%	4	0	0.00%	1	3	7.50%	2	1	0.55%	1	2
Balogo - East	19	3.98%	1	19	3.98%	1	1192	53.07%	4	10	0.45%	1	19	3.98%	1	0	0.00%	1	2
Barayong	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Basud	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Bato	7	5.47%	2	7	5.47%	2	295	54.23%	4	2	0.37%	1	7	5.47%	2	2	0.37%	1	2
Bibincahan	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Bitan-o	131	33.68%	4	131	33.68%	4	924	52.74%	4	24	1.37%	1	131	33.68%	4	0	0.00%	1	3
Bonga	0	0.00%	1	0	0.00%	1	33	51.56%	4	0	0.00%	1	0	0.00%	1	0	0.00%	1	2
Bon-ot	22	17.19%	3	22	17.19%	3	300	57.47%	4	7	1.34%	1	22	17.19%	3	1	0.19%	1	3
Bucalbuca lan	8	24.24%	4	8	24.24%	4	87	55.77%	4	3	1.92%	1	8	24.24%	4	1	0.64%	1	3
Buenavista - Bacon	29	13.00%	3	29	13.00%	3	474	52.03%	4	7	0.77%	1	29	13.00%	3	2	0.22%	1	3
Buenavista - West	1	11.11%	3	1	11.11%	3	22	55.00%	4	1	2.50%	1	1	11.11%	3	2	5.00%	1	3
Buhatan	48	10.26%	3	48	10.26%	3	1002	49.55%	4	15	0.74%	1	48	10.26%	3	1	0.05%	1	3

									S	ENSITIVITY	1								
	Perce	entage of Inf Settlers (IS)	ormal	units	age living in made from als or salvag materials	light		ge of young dependents	and old	Percen	tage of pers disabilities	ons with		entage belo verty Thresh			tage Malnou Individuals	urished	Averag e Sensitiv ity Score
Barangay	Numb er of expos ed IS	No. of HH account ed as IS divided affected HH	Sensitivi ty Score	No.of expose d HH living in light materi als	No. of account ed HH divided by affected HH	Sensitivi ty Score	No. of exposed young and old depende nts	No. of account ed individua Is divided by affected populati	Sensitivi ty Score	No. of expos ed PWDs	No. of account ed individua Is divided by affected populati on	Sensitivi ty Score	No.of expose d HH living below Poverty Thresho Id	No. of account ed HH divided by affected HH	Sensitivi ty Score	No. of expose d malnou- rished individu als	No. of account ed individua Is divided by affected populati on	Sensitivi ty Score	Round ed up averag e sensitivi ty score
Bulabog	31	17.42%	3	31	17.42%	3	410	51.90%	4	8	1.01%	1	31	17.42%	3	1	0.13%	1	3
Burabod	11	9.02%	2	11	9.02%	2	262	51.68%	4	7	1.38%	1	11	9.02%	2	0	0.00%	1	2
Cabarbuh an	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Cabid-an	107	13.49%	3	107	13.49%	3	1740	47.68%	4	14	0.38%	1	107	13.49%	3	0	0.00%	1	3
Cambulag a	92	16.28%	3	92	16.28%	3	1378	51.80%	4	18	0.68%	1	92	16.28%	3	0	0.00%	1	3
Capuy	14	7.53%	2	14	7.53%	2	399	50.32%	4	8	1.01%	1	14	7.53%	2	0	0.00%	1	2
Caricaran	5	4.90%	1	5	4.90%	1	187	47.83%	4	3	0.77%	1	5	4.90%	1	1	0.26%	1	2
del Rosario	0	0.00%	1	0	0.00%	1	22	53.66%	4	0	0.00%	1	0	0.00%	1	0	0.00%	1	2
Gatbo	38	11.91%	3	38	11.91%	3	746	54.29%	4	21	1.53%	1	38	11.91%	3	1	0.07%	1	3
Gimaloto	30	15.31%	3	30	15.31%	3	429	52.57%	4	4	0.49%	1	30	15.31%	3	0	0.00%	1	3
Guinlajon	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Jamislaga n	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Macabog	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Marinas	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Osiao	99	50.51%	4	99	50.51%	4	496	51.56%	4	13	1.35%	1	99	50.51%	4	2	0.21%	1	3
Pamuraya n	12	8.70%	2	12	8.70%	2	308	53.75%	4	6	1.05%	1	12	8.70%	2	0	0.00%	1	2
Pangpang	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Panlayaan	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Penafranci a	1	2.00%	1	1	2.00%	1	144	55.81%	4	1	0.39%	1	1	2.00%	1	0	0.00%	1	2
Piot	19	5.56%	2	19	5.56%	2	712	50.89%	4	4	0.29%	1	19	5.56%	2	0	0.00%	1	2
Poblacion	74	11.18%	3	74	11.18%	3	1236	50.00%	4	26	1.05%	1	74	11.18%	3	0	0.00%	1	3

									S	ENSITIVITY	,								
	Perce	entage of Inf Settlers (IS)		units	age living in made from als or salvag materials	light		ge of young lependents	and old	Percen	tage of perso disabilities	ons with		entage belo verty Thresh			łage Malnou Individuals	urished	Averag e Sensitiv ity Score
Barangay	Numb er of expos ed IS	No. of HH account ed as IS divided affected HH	Sensitivi ty Score	No.of expose d HH living in light materi als	No. of account ed HH divided by affected HH	Sensitivi ty Score	No. of exposed young and old depende nts	No. of account ed individua Is divided by affected populati on	Sensitivi ty Score	No. of expos ed PWDs	No. of account ed individua Is divided by affected population	Sensitivi ty Score	No.of expose d HH living below Poverty Thresho Id	No. of account ed HH divided by affected HH	Sensitivi ty Score	No. of expose d malnou- rished individu als	No. of account ed individua Is divided by affected populati on	Sensitivi ty Score	Round ed up averag e sensitivi ty score
Polvorista	1	1.61%	1	1	1.61%	1	79	44.13%	4	1	0.56%	1	1	1.61%	1	0	0.00%	1	2
Rawis	0	0.00%	1	0	0.00%	1	11	42.31%	4	1	3.85%	1	0	0.00%	1	0	0.00%	1	2
Rizal	8	6.30%	2	8	6.30%	2	342	52.86%	4	9	1.39%	1	8	6.30%	2	2	0.31%	1	2
Salog	54	15.98%	3	54	15.98%	3	677	51.13%	4	18	1.36%	1	54	15.98%	3	0	0.00%	1	3
Salvacion - Bacon	1	50.00%	4	1	50.00%	4	3	50.00%	4	0	0.00%	1	1	50.00%	4	0	0.00%	1	3
Salvacion - West	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Sampaloc	0	0.00%	1	0	0.00%	1	1181	53.03%	4	17	0.76%	1	0	0.00%	1	0	0.00%	1	2
San Isidro - Bacon	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Isidro - West	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Jose	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Juan - Bacon	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Juan - roro	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Pascual	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Ramon	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Roque	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Vicente	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Sawanga	11	3.36%	1	11	3.36%	1	766	56.08%	4	14	1.02%	1	11	3.36%	1	2	0.15%	1	2
Sirangan	118	26.16%	4	118	26.16%	4	1032	52.04%	4	14	0.71%	1	118	26.16%	4	0	0.00%	1	3
Sta. Cruz	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1

									S	ENSITIVITY	1								
	Perce	entage of Inf Settlers (IS)		units	age living in made from ials or salva materials	light		ge of young lependents	and old	Percen	tage of pers disabilities	ons with		entage belo verty Thresh			tage Malnov Individuals	urished	Averag e Sensitiv ity Score
Barangay	Numb er of expos ed IS	No. of HH account ed as IS divided affected HH	Sensitivi ty Score	No.of expose d HH living in light materi als	No. of account ed HH divided by affected HH	Sensitivi ty Score	No. of exposed young and old depende nts	No. of account ed individua Is divided by affected populati on	Sensitivi ty Score	No. of expos ed PWDs	No. of account ed individua Is divided by affected populati on	Sensitivi ty Score	No.of expose d HH living below Poverty Thresho Id	No. of account ed HH divided by affected HH	Sensitivi ty Score	No. of expose d malnou- rished individu als	No. of account ed individua Is divided by affected populati on	Sensitivi ty Score	Round ed up averag e sensitivi ty score
Sta. Lucia	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Sto. Domingo	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Sto. Nino	31	36.05%	4	31	36.05%	4	214	53.63%	4	3	0.75%	1	31	36.05%	4	2	0.50%	1	3
Sugod	19	7.98%	2	19	7.98%	2	523	52.72%	4	15	1.51%	1	19	7.98%	2	0	0.00%	1	2
Sulucan	3	5.88%	2	3	5.88%	2	95	48.97%	4	0	0.00%	1	3	5.88%	2	0	0.00%	1	2
Talisay	29	9.83%	2	29	9.83%	2	619	50.86%	4	18	1.48%	1	29	9.83%	2	0	0.00%	1	2
Ticol	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Tugos	5	17.86%	3	5	17.86%	3	23	33.33%	4	0	0.00%	1	5	17.86%	3	0	0.00%	1	3

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY TSUNAMI SENSITIVITY

									:	ENSITIVIT	1								
	Perce	entage of Int Settlers (IS)		units	age living in made from als or salva materials	light		ge of young lependents	and old	Percen	tage of pers disabilities			entage belo verty Thresh			tage Malnou Individuals	urished	Averag e Sensitiv ity Score
Barangay	Numb er of expos ed IS	No. of HH account ed as IS divided affected HH	Sensitiv ity Score	No.of expose d HH living in light materi als	No. of account ed HH divided by affected HH	Sensitiv ity Score	No. of exposed young and old depende nts	No. of account ed individu als divided by affected populati on	Sensitiv ity Score	No. of expos ed PWDs	No. of account ed individu als divided by affected populati on	Sensitiv ity Score	No.of expose d HH living below Poverty Thresho Id	No. of account ed HH divided by affected HH	Sensitiv ity Score	No. of expose d malnou- rished individu als	No. of account ed individu als divided by affected populati on	Sensitiv ity Score	Rounde d up averag e sensitivi ty score
Abuyog	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Almendras Cogon	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Balete	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Balogo - Bacon	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Balogo - East	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Barayong	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Basud	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Bato	19	11.66%	3	19	11.66%	3	336	51.69%	4	2	0.31%	1	19	11.66%	3	2	0.31%	1	3
Bibincahan	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Bitan-o	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Bonga	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Bon-ot	14	19.18%	3	14	19.18%	3	167	58.19%	4	4	1.39%	1	14	19.18%	3	1	0.35%	1	3
Bucalbuca lan	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Buenavista - Bacon	4	4.00%	1	4	4.00%	1	210	51.85%	4	0	0.00%	1	4	4.00%	1	2	0.49%	1	2
Buenavista - West	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Buhatan	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1

Bulabog	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Burabod	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Cabarbuh an	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Cabid-an	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Cambulag a	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Capuy	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Caricaran	8	3.49%	1	8	3.49%	1	452	48.55%	4	10	1.07%	1	8	3.49%	1	1	0.11%	1	2
del Rosario	10	16.39%	3	10	16.39%	3	140	56.45%	4	0	0.00%	1	10	16.39%	3	0	0.00%	1	3
Gatbo	44	10.07%	3	44	10.07%	3	1038	55.24%	4	25	1.33%	1	44	10.07%	3	1	0.05%	1	3
Gimaloto	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Guinlajon	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Jamislaga n	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Macabog	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Marinas	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Osiao	123	45.56%	4	123	45.56%	4	725	52.65%	4	16	1.16%	1	123	45.56%	4	2	0.15%	1	3
Pamuraya n	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Pangpang	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Panlayaan	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Penafranci a	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Piot	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Poblacion	77	11.08%	3	77	11.08%	3	1290	49.03%	4	36	1.37%	1	77	11.08%	3	0	0.00%	1	3
Polvorista	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Rawis	4	3.88%	1	4	3.88%	1	243	52.15%	4	8	1.72%	1	4	3.88%	1	0	0.00%	1	2
Rizal	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Salog	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Salvacion - Bacon	2	9.52%	2	2	9.52%	2	37	50.68%	4	6	8.22%	2	2	9.52%	2	0	0.00%	1	3
Salvacion - West	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Sampaloc	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Isidro - Bacon	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Isidro - West	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1

		ı	1	1	1	1		1		ı		I		1		I	1		
San Jose	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Juan - Bacon	1	3.03%	1	1	3.03%	1	89	57.05%	4	2	1.28%	1	1	3.03%	1	0	0.00%	1	2
San Juan - roro	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Pascual	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Ramon	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Roque	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
San Vicente	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Sawanga	0	0.00%	1	0	0.00%	1	114	52.53%	4	0	0.00%	1	0	0.00%	1	0	0.00%	1	2
Sirangan	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Sta. Cruz	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Sta. Lucia	2	18.18%	3	2	18.18%	3	17	44.74%	4	1	2.63%	1	2	18.18%	3	0	0.00%	1	3
Sto. Domingo	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Sto. Nino	47	24.61%	4	47	24.61%	4	466	53.94%	4	6	0.69%	1	47	24.61%	4	2	0.23%	1	3
Sugod	1	9.09%	2	1	9.09%	2	31	67.39%	4	0	0.00%	1	1	9.09%	2	0	0.00%	1	2
Sulucan	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Talisay	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Ticol	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1
Tugos	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	0	0.00%	1	1

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY FLOOD ADOPTIVE CAPACITY

					A	DAPTIVE CAPA	CITY					
	Access to in related n mea:	nitigation	Access to assist		Capacity an		Access to in	formation	Government	investments	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Proportion of HH with access to measures	Adaptive Capacity Score	Proportion of HH with access to financial assistance	Adaptive Capacity Score	Proportion of HH that are capable/ willing	Adaptive Capacity Score	Proportion of HH with access to information	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Abuyog	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	2.64
Almendras Cogon	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	1.98
Balete	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	2.64
Balogo - Bacon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
Balogo - East	95.00%	4	99.00%	4	65.00%	4	99.00%	4	high	3	3	1.98
Barayong	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.98
Basud	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
Bato	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
Bibincahan	95.00%	4	99.00%	4	75.00%	4	99.00%	4	very high	4	4	0.33
Bitan-o	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	2.64
Bonga	95.00%	4	99.00%	4	54.00%	4	99.00%	4	low	1	3	0.33
Bon-ot	95.00%	4	99.00%	4	81.00%	4	99.00%	4	low	1	3	1.32
Bucalbucalan	95.00%	4	99.00%	4	55.00%	4	99.00%	4	moderate	2	3	1.32
Buenavista - Bacon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	2.64
Buenavista - West	95.00%	4	99.00%	4	55.00%	4	99.00%	4	low	1	3	1.32
Buhatan	95.00%	4	99.00%	4	65.00%	4	99.00%	4	high	3	3	2.64
Bulabog	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
Burabod	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	1.32
Cabarbuhan	95.00%	4	99.00%	4	60.00%	4	99.00%	4	low	1	3	0.66

					Α	DAPTIVE CAPA	CITY					
	Access to in related n	nitigation	Access to assist			d willingness or relocate	Access to in	formation	Government	investments	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Proportion of HH with access to measures	Adaptive Capacity Score	Proportion of HH with access to financial assistance	Adaptive Capacity Score	Proportion of HH that are capable/ willing	Adaptive Capacity Score	Proportion of HH with access to information	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Cabid-an	95.00%	4	99.00%	4	65.00%	4	99.00%	4	high	3	3	2.64
Cambulaga	95.00%	4	99.00%	4	50.00%	4	99.00%	4	high	3	3	2.64
Capuy	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	2.64
Caricaran	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	1.98
del Rosario	95.00%	4	99.00%	4	55.00%	4	99.00%	4	low	1	3	1.32
Gatbo	95.00%	4	99.00%	4	55.00%	4	99.00%	4	low	1	3	2.64
Gimaloto	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	2.64
Guinlajon	95.00%	4	99.00%	4	60.00%	4	99.00%	4	high	3	3	0.66
Jamislagan	95.00%	4	99.00%	4	40.00%	4	99.00%	4	low	1	3	0.33
Macabog	95.00%	4	99.00%	4	60.00%	4	99.00%	4	high	3	3	0.99
Marinas	95.00%	4	99.00%	4	40.00%	4	99.00%	4	low	1	3	0.66
Osiao	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	2.64
Pamurayan	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.98
Pangpang	95.00%	4	99.00%	4	85.00%	4	99.00%	4	very high	4	4	0.33
Panlayaan	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0.33
Penafrancia	95.00%	4	99.00%	4	60.00%	4	99.00%	4	low	1	3	1.98
Piot	95.00%	4	99.00%	4	80.00%	4	99.00%	4	high	3	3	2.64
Poblacion	95.00%	4	99.00%	4	85.00%	4	99.00%	4	high	3	3	2.64
Polvorista	95.00%	4	99.00%	4	70.00%	4	99.00%	4	moderate	2	3	2.64
Rawis	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	2.64
Rizal	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	2.64
Salog	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	2.64
Salvacion - Bacon	95.00%	4	99.00%	4	40.00%	4	99.00%	4	low	1	3	0.33
Salvacion - West	95.00%	4	99.00%	4	45.00%	4	99.00%	4	low	1	3	0.99

					A	DAPTIVE CAPA	CITY					
	Access to in related n		Access to assist			d willingness or relocate	Access to in	nformation	Government	investments	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Proportion of HH with access to measures	Adaptive Capacity Score	Proportion of HH with access to financial assistance	Adaptive Capacity Score	Proportion of HH that are capable/ willing	Adaptive Capacity Score	Proportion of HH with access to information	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Sampaloc	95.00%	4	99.00%	4	40.00%	4	99.00%	4	moderate	2	3	2.64
San Isidro - Bacon	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0.33
San Isidro - West	95.00%	4	99.00%	4	60.00%	4	99.00%	4	low	1	3	1.32
San Jose	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.66
San Juan - Bacon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.99
San Juan -roro	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0.99
San Pascual	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
San Ramon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.33
San Roque	95.00%	4	99.00%	4	70.00%	4	99.00%	4	low	1	3	0.99
San Vicente	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0.33
Sawanga	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	2.64
Sirangan	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	2.64
Sta. Cruz	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.99
Sta. Lucia	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.33
Sto. Domingo	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0.33
Sto. Nino	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
Sugod	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	2.64
Sulucan	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	2.64
Talisay	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	2.64
Ticol	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
Tugos	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	2.64
Ticol												
Tugos												

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE ADOPTIVE CAPACITY

					A	DAPTIVE CAPA	CITY					
	Access to in related mea		Access to assist		Capacity and	•	Access to in	nformation	Government	investments	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Proportion of HH with access to measures	Adaptive Capacity Score	Proportion of HH with access to financial assistance	Adaptive Capacity Score	Proportion of HH that are capable/ willing	Adaptive Capacity Score	Proportion of HH with access to information	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Abuyog	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0.99
Almendras Cogon	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	0
Balete	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0.66
Balogo - Bacon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.99
Balogo - East	95.00%	4	99.00%	4	65.00%	4	99.00%	4	high	3	3	0
Barayong	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.33
Basud	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.33
Bato	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.98
Bibincahan	95.00%	4	99.00%	4	75.00%	4	99.00%	4	very high	4	4	0.33
Bitan-o	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	0
Bonga	95.00%	4	99.00%	4	54.00%	4	99.00%	4	low	1	3	0.66
Bon-ot	95.00%	4	99.00%	4	81.00%	4	99.00%	4	low	1	3	0.66
Bucalbucalan	95.00%	4	99.00%	4	55.00%	4	99.00%	4	moderate	2	3	1.32
Buenavista - Bacon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	2.64
Buenavista - West	95.00%	4	99.00%	4	55.00%	4	99.00%	4	low	1	3	2.64
Buhatan	95.00%	4	99.00%	4	65.00%	4	99.00%	4	high	3	3	1.32
Bulabog	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
Burabod	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0
Cabarbuhan	95.00%	4	99.00%	4	60.00%	4	99.00%	4	low	1	3	0.99

					A	DAPTIVE CAPA	CITY					
	Access to in related n		Access to assist		Capacity and to retrofit a		Access to i	nformation	Government	investments	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Proportion of HH with access to measures	Adaptive Capacity Score	Proportion of HH with access to financial assistance	Adaptive Capacity Score	Proportion of HH that are capable/ willing	Adaptive Capacity Score	Proportion of HH with access to information	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Cabid-an	95.00%	4	99.00%	4	65.00%	4	99.00%	4	high	3	3	0
Cambulaga	95.00%	4	99.00%	4	50.00%	4	99.00%	4	high	3	3	0
Capuy	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	0.33
Caricaran	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	0.99
del Rosario	95.00%	4	99.00%	4	55.00%	4	99.00%	4	low	1	3	0.99
Gatbo	95.00%	4	99.00%	4	55.00%	4	99.00%	4	low	1	3	0.99
Gimaloto	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Guinlajon	95.00%	4	99.00%	4	60.00%	4	99.00%	4	high	3	3	0.66
Jamislagan	95.00%	4	99.00%	4	40.00%	4	99.00%	4	low	1	3	0.66
Macabog	95.00%	4	99.00%	4	60.00%	4	99.00%	4	high	3	3	0.33
Marinas	95.00%	4	99.00%	4	40.00%	4	99.00%	4	low	1	3	1.32
Osiao	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	2.64
Pamurayan	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.33
Pangpang	95.00%	4	99.00%	4	85.00%	4	99.00%	4	very high	4	4	0.33
Panlayaan	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	2.64
Penafrancia	95.00%	4	99.00%	4	60.00%	4	99.00%	4	low	1	3	0.33
Piot	95.00%	4	99.00%	4	80.00%	4	99.00%	4	high	3	3	0
Poblacion	95.00%	4	99.00%	4	85.00%	4	99.00%	4	high	3	3	0.33
Polvorista	95.00%	4	99.00%	4	70.00%	4	99.00%	4	moderate	2	3	0
Rawis	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0.66
Rizal	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	1.98
Salog	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	0
Salvacion - Bacon	95.00%	4	99.00%	4	40.00%	4	99.00%	4	low	1	3	0.33
Salvacion - West	95.00%	4	99.00%	4	45.00%	4	99.00%	4	low	1	3	1.32

					Α	DAPTIVE CAPA	CITY					
	Access to in related n		Access to assist		Capacity and to retrofit o		Access to in	nformation	Government	investments	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Proportion of HH with access to measures	Adaptive Capacity Score	Proportion of HH with access to financial assistance	Adaptive Capacity Score	Proportion of HH that are capable/ willing	Adaptive Capacity Score	Proportion of HH with access to information	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Sampaloc	95.00%	4	99.00%	4	40.00%	4	99.00%	4	moderate	2	3	0
San Isidro - Bacon	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0.33
San Isidro - West	95.00%	4	99.00%	4	60.00%	4	99.00%	4	low	1	3	1.32
San Jose	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.33
San Juan - Bacon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
San Juan -roro	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0.33
San Pascual	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
San Ramon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.66
San Roque	95.00%	4	99.00%	4	70.00%	4	99.00%	4	low	1	3	0.33
San Vicente	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0.66
Sawanga	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0.99
Sirangan	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	0
Sta. Cruz	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.98
Sta. Lucia	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.33
Sto. Domingo	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0.33
Sto. Nino	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	2.64
Sugod	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.33
Sulucan	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	0
Talisay	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0
Ticol	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.66
Tugos	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	0

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY STORM SURGE ADOPTIVE CAPACITY

					A	DAPTIVE CAPA	CITY					
	related r	ifrastructure- nitigation sures	Access to financial assistance		Capacity an		Access to in	nformation	Government	investments	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Proportion of HH with access to measures	Adaptive Capacity Score	Proportion of HH with access to financial assistance	Adaptive Capacity Score	Proportion of HH that are capable/ willing	Adaptive Capacity Score	Proportion of HH with access to information	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Abuyog	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	1.32
Almendras Cogon	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	0.99
Balete	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0
Balogo - Bacon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	2.64
Balogo - East	95.00%	4	99.00%	4	65.00%	4	99.00%	4	high	3	3	1.32
Barayong	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Basud	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Bato	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
Bibincahan	95.00%	4	99.00%	4	75.00%	4	99.00%	4	very high	4	4	0
Bitan-o	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	1.32
Bonga	95.00%	4	99.00%	4	54.00%	4	99.00%	4	low	1	3	0.33
Bon-ot	95.00%	4	99.00%	4	81.00%	4	99.00%	4	low	1	3	2.64
Bucalbucalan	95.00%	4	99.00%	4	55.00%	4	99.00%	4	moderate	2	3	1.32
Buenavista - Bacon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	2.64
Buenavista - West	95.00%	4	99.00%	4	55.00%	4	99.00%	4	low	1	3	0.33
Buhatan	95.00%	4	99.00%	4	65.00%	4	99.00%	4	high	3	3	1.32
Bulabog	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	2.64
Burabod	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0.99
Cabarbuhan	95.00%	4	99.00%	4	60.00%	4	99.00%	4	low	1	3	0
Cabid-an	95.00%	4	99.00%	4	65.00%	4	99.00%	4	high	3	3	1.32

	ADAPTIVE CAPACITY											
	related n	nfrastructure- nitigation sures	Access to assist		Capacity an	d willingness or relocate	Access to in	nformation	Government	investments	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Proportion of HH with access to measures	Adaptive Capacity Score	Proportion of HH with access to financial assistance	Adaptive Capacity Score	Proportion of HH that are capable/ willing	Adaptive Capacity Score	Proportion of HH with access to information	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Cambulaga	95.00%	4	99.00%	4	50.00%	4	99.00%	4	high	3	3	1.32
Capuy	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	1.32
Caricaran	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	1.98
del Rosario	95.00%	4	99.00%	4	55.00%	4	99.00%	4	low	1	3	0.33
Gatbo	95.00%	4	99.00%	4	55.00%	4	99.00%	4	low	1	3	1.32
Gimaloto	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	2.64
Guinlajon	95.00%	4	99.00%	4	60.00%	4	99.00%	4	high	3	3	0
Jamislagan	95.00%	4	99.00%	4	40.00%	4	99.00%	4	low	1	3	0
Macabog	95.00%	4	99.00%	4	60.00%	4	99.00%	4	high	3	3	0
Marinas	95.00%	4	99.00%	4	40.00%	4	99.00%	4	low	1	3	0
Osiao	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	2.64
Pamurayan	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
Pangpang	95.00%	4	99.00%	4	85.00%	4	99.00%	4	very high	4	4	0
Panlayaan	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0
Penafrancia	95.00%	4	99.00%	4	60.00%	4	99.00%	4	low	1	3	0.99
Piot	95.00%	4	99.00%	4	80.00%	4	99.00%	4	high	3	3	1.32
Poblacion	95.00%	4	99.00%	4	85.00%	4	99.00%	4	high	3	3	2.64
Polvorista	95.00%	4	99.00%	4	70.00%	4	99.00%	4	moderate	2	3	1.32
Rawis	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0.33
Rizal	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0.99
Salog	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	1.32
Salvacion - Bacon	95.00%	4	99.00%	4	40.00%	4	99.00%	4	low	1	3	0.33
Salvacion - West	95.00%	4	99.00%	4	45.00%	4	99.00%	4	low	1	3	0
Sampaloc	95.00%	4	99.00%	4	40.00%	4	99.00%	4	moderate	2	3	2.64

					A	DAPTIVE CAPA	CITY					
	Access to in related n		Access to financial assistance		Capacity an	_	Access to i	nformation	Government	investments	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Proportion of HH with access to measures	Adaptive Capacity Score	Proportion of HH with access to financial assistance	Adaptive Capacity Score	Proportion of HH that are capable/ willing	Adaptive Capacity Score	Proportion of HH with access to information	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
San Isidro - Bacon	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0
San Isidro - West	95.00%	4	99.00%	4	60.00%	4	99.00%	4	low	1	3	0
San Jose	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
San Juan - Bacon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
San Juan -roro	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0
San Pascual	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
San Ramon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
San Roque	95.00%	4	99.00%	4	70.00%	4	99.00%	4	low	1	3	0
San Vicente	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0
Sawanga	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	2.64
Sirangan	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	2.64
Sta. Cruz	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Sta. Lucia	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Sto. Domingo	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0
Sto. Nino	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.98
Sugod	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	1.32
Sulucan	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	1.32
Talisay	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	2.64
Ticol	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Tugos	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	0.33
Ticol	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	1.32
Tugos	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	0.99

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY TSUNAMI ADOPTIVE CAPACITY

		ADAPTIVE CAPACITY										
	Access to infrastructure- related mitigation measures		Access to financial assistance		Capacity and v		Access to i	nformation	Government	investments	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Proportion of HH with access to measures	Adaptive Capacity Score	Proportion of HH with access to financial assistance	Adaptive Capacity Score	Proportion of HH that are capable/ willing	Adaptive Capacity Score	Proportion of HH with access to information	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Abuyog	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0
Almendras Cogon	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	0
Balete	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0
Balogo - Bacon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Balogo - East	95.00%	4	99.00%	4	65.00%	4	99.00%	4	high	3	3	0
Barayong	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Basud	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Bato	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	2.64
Bibincahan	95.00%	4	99.00%	4	75.00%	4	99.00%	4	very high	4	4	0
Bitan-o	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	0
Bonga	95.00%	4	99.00%	4	54.00%	4	99.00%	4	low	1	3	0.66
Bon-ot	95.00%	4	99.00%	4	81.00%	4	99.00%	4	low	1	3	2.64
Bucalbucalan	95.00%	4	99.00%	4	55.00%	4	99.00%	4	moderate	2	3	0
Buenavista - Bacon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	2.64
Buenavista - West	95.00%	4	99.00%	4	55.00%	4	99.00%	4	low	1	3	0
Buhatan	95.00%	4	99.00%	4	65.00%	4	99.00%	4	high	3	3	0
Bulabog	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Burabod	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0
Cabarbuhan	95.00%	4	99.00%	4	60.00%	4	99.00%	4	low	1	3	0
Cabid-an	95.00%	4	99.00%	4	65.00%	4	99.00%	4	high	3	3	0

Cambulaga	95.00%	4	99.00%	4	50.00%	4	99.00%	4	high	3	3	0
Capuy	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	0
Caricaran	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	2.64
del Rosario	95.00%	4	99.00%	4	55.00%	4	99.00%	4	low	1	3	2.64
Gatbo	95.00%	4	99.00%	4	55.00%	4	99.00%	4	low	1	3	2.64
Gimaloto	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Guinlajon	95.00%	4	99.00%	4	60.00%	4	99.00%	4	high	3	3	0
Jamislagan	95.00%	4	99.00%	4	40.00%	4	99.00%	4	low	1	3	0
Macabog	95.00%	4	99.00%	4	60.00%	4	99.00%	4	high	3	3	0
Marinas	95.00%	4	99.00%	4	40.00%	4	99.00%	4	low	1	3	0
Osiao	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	2.64
Pamurayan	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Pangpang	95.00%	4	99.00%	4	85.00%	4	99.00%	4	very high	4	4	0
Panlayaan	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0
Penafrancia	95.00%	4	99.00%	4	60.00%	4	99.00%	4	low	1	3	0
Piot	95.00%	4	99.00%	4	80.00%	4	99.00%	4	high	3	3	0.33
Poblacion	95.00%	4	99.00%	4	85.00%	4	99.00%	4	high	3	3	2.64
Polvorista	95.00%	4	99.00%	4	70.00%	4	99.00%	4	moderate	2	3	0
Rawis	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	2.64
Rizal	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0
Salog	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	0
Salvacion - Bacon	95.00%	4	99.00%	4	40.00%	4	99.00%	4	low	1	3	0.66
Salvacion - West	95.00%	4	99.00%	4	45.00%	4	99.00%	4	low	1	3	0
Sampaloc	95.00%	4	99.00%	4	40.00%	4	99.00%	4	moderate	2	3	0
San Isidro - Bacon	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0
San Isidro - West	95.00%	4	99.00%	4	60.00%	4	99.00%	4	low	1	3	0
San Jose	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
San Juan - Bacon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.66
San Juan -roro	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0
San Pascual	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
San Ramon	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
San Roque	95.00%	4	99.00%	4	70.00%	4	99.00%	4	low	1	3	0
San Vicente	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0
Sawanga	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	1.98
·												

Sirangan	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	0
Sta. Cruz	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Sta. Lucia	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.66
Sto. Domingo	95.00%	4	99.00%	4	65.00%	4	99.00%	4	low	1	3	0.33
Sto. Nino	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	2.64
Sugod	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0.66
Sulucan	95.00%	4	99.00%	4	50.00%	4	99.00%	4	moderate	2	3	0
Talisay	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0
Ticol	95.00%	4	99.00%	4	50.00%	4	99.00%	4	low	1	3	0
Tugos	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	0
Ticol	95.00%	4	99.00%	4	60.00%	4	99.00%	4	moderate	2	3	0
Tugos	95.00%	4	99.00%	4	65.00%	4	99.00%	4	moderate	2	3	0

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY FLOOD VULNERABILITY

	VULNE	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Abuyog	1	0.50	2.00	10.00	moderate
Almendras Cogon	0.66666667	0.50	1.00	5.00	moderate
Balete	0.666666667	0.50	2.00	10.00	moderate
Balogo - Bacon	0.666666667	0.50	1.00	3.00	low
Balogo - East	0.666666667	0.50	1.00	5.00	moderate
Barayong	1	0.50	1.00	5.00	moderate
Basud	0.666666667	0.50	1.00	3.00	low
Bato	0.666666667	0.50	1.00	2.00	low
Bibincahan	0.75	0.50	1.00	4.00	low
Bitan-o	1	0.50	2.00	10.00	moderate
Bonga	0.666666667	0.50	1.00	1.00	low
Bon-ot	1	0.50	1.00	3.00	low
Bucalbucalan	1	0.50	1.00	3.00	low
Buenavista - Bacon	1	0.50	2.00	10.00	moderate
Buenavista - West	1	0.50	1.00	2.00	low
Buhatan	0.66666667	0.50	2.00	10.00	moderate
Bulabog	1	0.50	1.00	4.00	low

	VULNE	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Burabod	1	0.50	1.00	4.00	low
Cabarbuhan	1.333333333	0.75	1.00	2.00	low
Cabid-an	1	0.50	2.00	10.00	moderate
Cambulaga	1	0.50	2.00	10.00	moderate
Capuy	1	0.50	2.00	10.00	moderate
Caricaran	0.66666667	0.50	1.00	5.00	moderate
del Rosario	0.66666667	0.50	1.00	4.00	low
Gatbo	1	0.50	2.00	6.00	moderate
Gimaloto	1	0.50	2.00	12.00	moderate
Guinlajon	0.66666667	0.50	1.00	2.00	low
Jamislagan	0.66666667	0.50	1.00	1.00	low
Macabog	1	0.50	1.00	4.00	low
Marinas	1	0.50	1.00	1.00	low
Osiao	1	0.50	2.00	8.00	moderate
Pamurayan	1	0.50	1.00	4.00	low
Pangpang	0.5	0.25	1.00	2.00	low
Panlayaan	0.66666667	0.50	1.00	1.00	low
Penafrancia	0.666666667	0.50	1.00	4.00	low
Piot	0.666666667	0.50	2.00	10.00	moderate
Poblacion	1	0.50	2.00	10.00	moderate
Polvorista	0.66666667	0.50	2.00	10.00	moderate
Rawis	0.66666667	0.50	2.00	10.00	moderate

	VULNE	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Rizal	0.666666667	0.50	2.00	10.00	moderate
Salog	1	0.50	2.00	10.00	moderate
Salvacion - Bacon	0.666666667	0.50	1.00	3.00	low
Salvacion - West	1	0.50	1.00	1.00	low
Sampaloc	1	0.50	2.00	10.00	moderate
San Isidro - Bacon	0.666666667	0.50	1.00	1.00	low
San Isidro - West	0.666666667	0.50	1.00	1.00	low
San Jose	0.666666667	0.50	1.00	1.00	low
San Juan - Bacon	1	0.50	1.00	1.00	low
San Juan -roro	0.666666667	0.50	1.00	2.00	low
San Pascual	0.666666667	0.50	1.00	1.00	low
San Ramon	0.666666667	0.50	1.00	1.00	low
San Roque	0.666666667	0.50	1.00	1.00	low
San Vicente	1	0.50	1.00	1.00	low
Sawanga	0.666666667	0.50	2.00	6.00	moderate
Sirangan	1	0.50	2.00	10.00	moderate
Sta. Cruz	1	0.50	1.00	1.00	low
Sta. Lucia	0.666666667	0.50	1.00	1.00	low
Sto. Domingo	0.666666667	0.50	1.00	1.00	low
Sto. Nino	1	0.50	1.00	1.00	low
Sugod	0.666666667	0.50	2.00	6.00	moderate
Sulucan	0.666666667	0.50	2.00	10.00	moderate

	VULNE	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Talisay	1	0.50	2.00	10.00	moderate
Ticol	0.66666667	0.50	1.00	3.00	low
Tugos	0.66666667	0.50	2.00	8.00	moderate

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE VULNERABILITY

	VULNI	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Abuyog	0.666666667	0.50	1.00	2.00	low
Almendras Cogon	0.33333333	0.25	0.00	0.00	none
Balete	0.666666667	0.50	1.00	4.00	low
Balogo - Bacon	0.66666667	0.50	1.00	2.00	low
Balogo - East	0.33333333	0.25	0.00	0.00	none
Barayong	0.66666667	0.50	1.00	1.00	low
Basud	0.666666667	0.50	1.00	1.00	low
Bato	0.666666667	0.50	1.00	3.00	low
Bibincahan	0.5	0.25	1.00	1.00	low
Bitan-o	0.33333333	0.25	0.00	0.00	none
Bonga	1	0.50	1.00	1.00	low
Bon-ot	0.666666667	0.50	1.00	1.00	low
Bucalbucalan	1	0.50	1.00	4.00	low
Buenavista - Bacon	0.66666667	0.50	2.00	10.00	moderate
Buenavista - West	0.666666667	0.50	2.00	6.00	moderate
Buhatan	0.666666667	0.50	1.00	2.00	low
Bulabog	0.666666667	0.50	1.00	3.00	low

	VULNE	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Burabod	0.33333333	0.25	0.00	0.00	none
Cabarbuhan	0.66666667	0.50	1.00	2.00	low
Cabid-an	0.33333333	0.25	0.00	0.00	none
Cambulaga	0.33333333	0.25	0.00	0.00	none
Capuy	0.66666667	0.50	1.00	1.00	low
Caricaran	0.66666667	0.50	1.00	1.00	low
del Rosario	1	0.50	1.00	1.00	low
Gatbo	0.66666667	0.50	1.00	2.00	low
Gimaloto	0.33333333	0.25	0.00	0.00	none
Guinlajon	1	0.50	1.00	2.00	low
Jamislagan	0.66666667	0.50	1.00	1.00	low
Macabog	0.66666667	0.50	1.00	1.00	low
Marinas	0.66666667	0.50	1.00	1.00	low
Osiao	1	0.50	2.00	10.00	moderate
Pamurayan	0.66666667	0.50	1.00	1.00	low
Pangpang	0.75	0.50	1.00	2.00	low
Panlayaan	0.666666667	0.50	2.00	6.00	moderate
Penafrancia	0.66666667	0.50	1.00	1.00	low
Piot	0.33333333	0.25	0.00	0.00	none
Poblacion	1	0.50	1.00	1.00	low
Polvorista	0.33333333	0.25	0.00	0.00	none
Rawis	1	0.50	1.00	1.00	low

	VULNE	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Rizal	0.66666667	0.50	1.00	5.00	moderate
Salog	0.33333333	0.25	0.00	0.00	none
Salvacion - Bacon	1	0.50	1.00	1.00	low
Salvacion - West	1	0.50 1.00 1.00		1.00	low
Sampaloc	0.33333333	0.25 0.00		0.00	none
San Isidro - Bacon	1	0.50	0.00		low
San Isidro - West	0.66666667	0.50	1.00	1.00	low
San Jose	1	0.50	1.00	1.00	low
San Juan - Bacon	1	0.50	1.00	2.00	low
San Juan -roro	0.33333333	0.25	1.00	1.00	low
San Pascual	0.66666667	0.50	1.00	1.00	low
San Ramon	1	0.50	1.00	1.00	low
San Roque	0.66666667	0.50	1.00	1.00	low
San Vicente	1	0.50	1.00	1.00	low
Sawanga	0.66666667	0.50	1.00	1.00	low
Sirangan	0.33333333	0.25	0.00	0.00	none
Sta. Cruz	1	0.50	1.00	4.00	low
Sta. Lucia	1.33333333	0.75	1.00	1.00	low
Sto. Domingo	1	0.50	1.00	1.00	low
Sto. Nino	1	0.50	2.00	8.00	moderate
Sugod	0.66666667	0.50	1.00	1.00	low
Sulucan	0.33333333	0.25	0.00	0.00	none

	VULNE	ERABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay	·		Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Talisay	0.33333333	0.25	0.00	0.00	none
Ticol	1	0.50	1.00	1.00	low
Tugos	0.33333333	0.25	0.00	0.00	none

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY STORM SURGE VULNERABILITY

	VULN	ERABILITY	Severity of Consequence Score	Risk Score	Risk Category	
	Vulnerability Index	Vulnerability Score				
Barangay	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab	
Abuyog	1	0.50	1.00	4.00	low	
Almendras Cogon	0.66666667	0.50	1.00	3.00	low	
Balete	0.33333333	0.25	0.00	0.00	none	
Balogo - Bacon	0.666666667	0.50	2.00	8.00	moderate	
Balogo - East	0.66666667	0.50	1.00	3.00	low	
Barayong	0.33333333	0.25	0.00	0.00	none	
Basud	0.33333333	0.25	0.00	0.00	none	
Bato	0.66666667	0.50	1.00	3.00	low	
Bibincahan	0.25	0.25	0.00	0.00	none	
Bitan-o	1	0.50	1.00	3.00	low	
Bonga	0.66666667	0.50	1.00	3.00	low	
Bon-ot	1	0.50	2.00	8.00	moderate	
Bucalbucalan	1	0.50	1.00	4.00	low	
Buenavista - Bacon	1	0.50	2.00	8.00	moderate	
Buenavista - West	1	0.50	1.00	3.00	low	
Buhatan	1	0.50	1.00	3.00	low	

	VULNI	ERABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Bulabog	1	0.50	2.00	8.00	moderate
Burabod	0.66666667	0.50	1.00	3.00	low
Cabarbuhan	0.33333333	0.25	0.00	0.00	none
Cabid-an	1	0.50	1.00	3.00	low
Cambulaga	1	0.50	1.00	3.00	low
Capuy	0.666666667	0.50	1.00	3.00	low
Caricaran	0.666666667	0.50	1.00	5.00	moderate
del Rosario	0.666666667	0.50	1.00	4.00	low
Gatbo	1	0.50	1.00	4.00	low
Gimaloto	1	0.50	2.00	8.00	moderate
Guinlajon	0.33333333	0.25	0.00	0.00	none
Jamislagan	0.33333333	0.25	0.00	0.00	none
Macabog	0.33333333	0.25	0.00	0.00	none
Marinas	0.33333333	0.25	0.00	0.00	none
Osiao	1	0.50	2.00	10.00	moderate
Pamurayan	0.66666667	0.50	1.00	3.00	low
Pangpang	0.25	0.25	0.00	0.00	none
Panlayaan	0.33333333	0.25	0.00	0.00	none
Penafrancia	0.66666667	0.50	1.00	3.00	low
Piot	0.66666667	0.50	1.00	3.00	low
Poblacion	1	0.50	2.00	10.00	moderate
Polvorista	0.666666667	0.50	1.00	3.00	low

	VULN	ERABILITY	Severity of Consequence Score	Risk Score	Risk Category	
	Vulnerability Index	Vulnerability Score				
Barangay	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab	
Rawis	0.66666667	0.50	1.00	3.00	low	
Rizal	0.666666667	0.50	1.00	3.00	low	
Salog	1	0.50	1.00	3.00	low	
Salvacion - Bacon	1	0.50	1.00	3.00	low	
Salvacion - West	0.33333333	0.25	0.00	0.00	none	
Sampaloc	0.666666667	0.50	2.00	8.00	moderate	
San Isidro - Bacon	0.33333333	0.25	0.00	0.00	none	
San Isidro - West	0.33333333	0.25	0.00	0.00	none	
San Jose	0.33333333	0.25	0.00	0.00	none	
San Juan - Bacon	0.33333333	0.25	0.00	0.00	none	
San Juan -roro	0.33333333	0.25	0.00	0.00	none	
San Pascual	0.33333333	0.25	0.00	0.00	none	
San Ramon	0.33333333	0.25	0.00	0.00	none	
San Roque	0.33333333	0.25	0.00	0.00	none	
San Vicente	0.33333333	0.25	0.00	0.00	none	
Sawanga	0.66666667	0.50	2.00	10.00	moderate	
Sirangan	1	0.50	2.00	10.00	moderate	
Sta. Cruz	0.33333333	0.25	0.00	0.00	none	
Sta. Lucia	0.33333333	0.25	0.00	0.00	none	
Sto. Domingo	0.33333333	0.25	0.00	0.00	none	
Sto. Nino	1	0.50	1.00	4.00	low	
Sugod	0.66666667	0.50	1.00	3.00	low	

	VULNI	ERABILITY	Severity of Risk Score		Risk Category
	Vulnerability Index Vulnerability Score				
Barangay	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Sulucan	0.666666667	0.50	1.00	1.00	low
Talisay	0.666666667	0.50	2.00	8.00	moderate
Ticol	0.33333333	0.25	0.00	0.00	none
Tugos	1	0.50	1.00	1.00	low

POPULATION EXPOSURE DATABASE AND RISKS BY BARANGAY AND BY TYPE OF SUSCEPTIBILITY TSUNAMI VULNERABILITY

	VULNE	ERABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay	Sensitivity Score divided by Adaptive Capacity Score	divided by Adaptive Vulenrability Index (see		Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Abuyog	0.33333333	0.25	0.00	0.00	none
Almendras Cogon	0.33333333	0.25	0.00	0.00	none
Balete	0.33333333	0.25	0.00	0.00	none
Balogo - Bacon	0.33333333	0.25	0.00	0.00	none
Balogo - East	0.33333333	0.25	0.00	0.00	none
Barayong	0.33333333	0.25	0.00	0.00	none
Basud	0.33333333	0.25	0.00	0.00	none
Bato	1	0.50	2.00	6.00	moderate
Bibincahan	0.25	0.25	0.00	0.00	none
Bitan-o	0.33333333	0.25	0.00	0.00	none
Bonga	0.33333333	0.25	1.00	3.00	low
Bon-ot	1	0.50	2.00	6.00	moderate
Bucalbucalan	0.33333333	0.25	0.00	0.00	none
Buenavista - Bacon	0.66666667	0.50	2.00	6.00	moderate
Buenavista - West	0.33333333	0.25	0.00	0.00	none
Buhatan	0.33333333	0.25	0.00	0.00	none

Bulabog	0.33333333	0.25	0.00	0.00	none
Burabod	0.33333333	0.25	0.00	0.00	none
Cabarbuhan	0.33333333	0.25	0.00	0.00	none
Cabid-an	0.33333333	0.25	0.00	0.00	none
Cambulaga	0.33333333	0.25	0.00	0.00	none
Capuy	0.33333333	0.25	0.00	0.00	none
Caricaran	0.666666667	0.50	2.00	6.00	moderate
del Rosario	1	0.50	2.00	6.00	moderate
Gatbo	1	0.50	2.00	6.00	moderate
Gimaloto	0.33333333	0.25	0.00	0.00	none
Guinlajon	0.33333333	0.25	0.00	0.00	none
Jamislagan	0.33333333	0.25	0.00	0.00	none
Macabog	0.33333333	0.25	0.00	0.00	none
Marinas	0.33333333	0.25	0.00	0.00	none
Osiao	1	0.50	2.00	6.00	moderate
Pamurayan	0.33333333	0.25	0.00	0.00	none
Pangpang	0.25	0.25	0.00	0.00	none
Panlayaan	0.33333333	0.25	0.00	0.00	none
Penafrancia	0.33333333	0.25	0.00	0.00	none
Piot	0.33333333	0.25	1.00	1.00	low
Poblacion	1	0.50	2.00	6.00	moderate
Polvorista	0.33333333	0.25	0.00	0.00	none
Rawis	0.666666667	0.50	2.00	6.00	moderate
Rizal	0.33333333	0.25	0.00	0.00	none
Salog	0.33333333	0.25	0.00	0.00	none
Salvacion - Bacon	1	0.50	1.00	1.00	low
Salvacion - West	0.33333333	0.25	0.00	0.00	none
Sampaloc	0.33333333	0.25	0.00	0.00	none

San Isidro - Bacon	0.33333333	0.25	0.00	0.00	none
San Isidro - West	0.33333333	0.25	0.00	0.00	none
San Jose	0.33333333	0.25	0.00	0.00	none
San Juan - Bacon	0.666666667	0.50	1.00	1.00	low
San Juan -roro	0.33333333	0.25	0.00	0.00	none
San Pascual	0.33333333	0.25	0.00	0.00	none
San Ramon	0.33333333	0.25	0.00	0.00	none
San Roque	0.33333333	0.25	0.00	0.00	none
San Vicente	0.33333333	0.25	0.00	0.00	none
Sawanga	0.666666667	0.50	1.00	3.00	low
Sirangan	0.33333333	0.25	0.00	0.00	none
Sta. Cruz	0.33333333	0.25	0.00	0.00	none
Sta. Lucia	1	0.50	1.00	1.00	low
Sto. Domingo	0.33333333	0.25	1.00	1.00	low
Sto. Nino	1	0.50	2.00	6.00	moderate
Sugod	0.666666667	0.50	1.00	3.00	low
Sulucan	0.33333333	0.25	0.00	0.00	none
Talisay	0.33333333	0.25	0.00	0.00	none
Ticol	0.33333333	0.25	0.00	0.00	none
Tugos	0.33333333	0.25	0.00	0.00	none

B. URBAN USE AREAS

URBAN USE EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY FLOOD

BARANGAY	RESIDENTIAL	AFFECTED AREA (%)	COMMERCIAL	AFFECTED AREA (%)	INDUSTRIAL	AFFECTED AREA (%)	TOURISM	AFFECTED AREA (%)	AGRI- INDUSRIAL	AFFECTED AREA (%)
Abuyog	moderate	36.72	moderate	50.92						
Almendras-Cogon	low	21.05	low	19.3						
Balete	low	89.17					low	100		
Balogo	low	91.05	low	5	low	67.42				
Balogo (Bacon)	high	42.84	low	100						
Barayong	low	89.21								
Basud	low	30.97								
Bato	moderate	42.2								
Bibincahan										
Bitan-o	high	6.61	low	3.48			low	3.08		
Bonga										
Bon-ot	high	2.5								
Bucalbucalan	high	4.52								
Buenavista	low	1.4								
Buenavista(Bacon)	high	5.35								
Buhatan	high	10.86					high	32.25		
Bulabog	high	5.98	high	4.91						
Borabod	high	4.03	high	4.92						
Cabarbuhan										
Cabid-an	moderate	25.78	moderate	14.24			high	12.64		
Cambulaga	high	16.7								
Capuy	moderate	5.62	moderate	1.44						
Caricaran	high	1.69	high	3.77						
Del Rosario	moderate	4.11								
Gatbu	high	7.19								

BARANGAY	RESIDENTIAL	AFFECTED AREA (%)	COMMERCIAL	AFFECTED AREA (%)	INDUSTRIAL	AFFECTED AREA (%)	TOURISM	AFFECTED AREA (%)	AGRI- INDUSRIAL	AFFECTED AREA (%)
Gimaloto	moderate	6.47								
Guinlajon										
Jamislagan										
Macabog										
Marinas										
Osiao	low	0.45								
Pamurayan	low	2.33								
Pangpang										
Panlayaan										
Penafrancia	low	2.28								
Piot	low	8.09	low	2.63						
Poblacion	moderate	21.46	moderate	1.82						
Polborista	low		low	3.64						
Rawis	low	9.92								
Rizal	high	7.38								
Salog	high	11.51	high	0.75						
Salvacion	_		-							
Salvacion(Bacon)										
Sampaloc										
San Isidro										
San Isidro(Bacon)										
San Jose (Maricrum)										
San Juan(Bacon)										
San Juan										
San Pascual										
San Ramon										
San Roque										
San Vicente										
Sawanga	high	9.81	high	2.46						
Sirangan	high	1.3	high	2.01						
Sta. Cruz			-							
Sta. Lucia										
Sto. Domingo										

BARANGAY	RESIDENTIAL	AFFECTED AREA (%)	COMMERCIAL	AFFECTED AREA (%)	INDUSTRIAL	AFFECTED AREA (%)	TOURISM	AFFECTED AREA (%)	AGRI- INDUSRIAL	AFFECTED AREA (%)
Sto. Nino										
sugod	low	10.64								
Sulucan	moderate	0.01	moderate	2.07						
Talisay	high	5					low	0.01		
Ticol	low	4.7								
Tugos	moderate	18.15								

URBAN USE EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE

BARANGAY	RESIDENTIAL	AFFECTED AREA (%)	COMMERCIAL	AFFECTED AREA (%)	INDUSTRIAL	AFFECTED AREA (%)	TOURISM	AFFECTED AREA (%)	AGRI- INDUSRIAL	AFFECTED AREA (%)
Abuyog	low	5.52								
Almendras /										
Cogon	low	0.01	low	19.3						
Balete	low	0.31	low	0.04			low	0.01		
Balogo	low	11.36	low	0.01						
Balogo (Bacon)	low	1.02	low	0.05						
Barayong										
Basud	low	1.74								
Bato	low	1.41								
Bibincahan	low	1.44	low	0.64						
Bitan-o	low	0.01					low	0.18		
Bonga	low	1.32								
Bon-ot	low	0.42								
Bucalbucalan	low	2.34								
Buenavista	low	5.01	low	1.11						
Buenavista(Bacon)	low	1.56								
Buhatan	low	0.55					low	0.02		
Bulabog	low	0.15								
Borabod			low	0.01						
Cabarbuhan							low	64.83		
Cabid-an	low	0.01	low	0.01						
Cambulaga	low	0.09								
Сариу	low	0.72	low	0.07						
Caricaran	low	108	low	1.16						
Del Rosario	low	1.77								
Gatbu	low	0.6								
Gimaloto										

BARANGAY	RESIDENTIAL	AFFECTED AREA (%)	COMMERCIAL	AFFECTED AREA (%)	INDUSTRIAL	AFFECTED AREA (%)	TOURISM	AFFECTED AREA (%)	AGRI- INDUSRIAL	AFFECTED AREA (%)
Guinlajon	low	0.73	low	0.01						
Jamislagan										
Macabog	low	0.57								
Marinas										
Osiao	low	10.8								
Pamurayan	low	0.18								
Pangpang	low	1.05	low	1.37						
Panlayaan	low	3								
Penafrancia	low	0.06								
Piot	low	0.06								
Poblacion	low	0.84	low	0.95						
Polborista			low	0.01						
Rawis	low	0.05								
Rizal	low	1.31								
Salog	low	0.01	low	0.01						
Salvacion	low	2.98								
Salvacion(Bacon)	low	0.4								
Sampaloc	low	0.1								
San Isidro	low	15.13								
San Isidro(Bacon)	low	1.81								
San Jose(Maricrum)	low	0.29								
San Juan(Bacon)	low	5.62					low	68.82		
San Juan	low	0.03								
San Pascual	low	1.94								
San Ramon	low	1.7								
San Roque	low	0.48								
San Vicente	low	0.02								
Sawangga	low	0.67	low	1.45						
Sirangan										
Sta. Cruz							low	125.62		
Sta. Lucia										
Sto. Domingo	low	0.86								
Sto. Nino	low	8.01								

BARANGAY	RESIDENTIAL	AFFECTED AREA (%)	COMMERCIAL	AFFECTED AREA (%)	INDUSTRIAL	AFFECTED AREA (%)	TOURISM	AFFECTED AREA (%)	AGRI- INDUSRIAL	AFFECTED AREA (%)
sugod										
Sulucan										
Talisay										
Ticol	low	2.35								
Tugos	low	0.23								

URBAN USE EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY STORM SURGE

BARANGAY	RESIDENTIAL	AFFECTED AREA (%)	COMMERCIAL	AFFECTED AREA (%)	INDUSTRIAL	AFFECTED AREA (%)	TOURISM	AFFECTED AREA (%)	AGRI- INDUSRIAL	AFFECTED AREA (%)
Abuyog	low	20.3	low	0.04						
Almendras /										
Cogon	low	1.46	low	1.58						
Balete										
Balogo	moderate	29.8	moderate	21.22						
Balogo (Bacon)	high	2.09	high	0.07			high	0.36		
Barayong	-									
Basud										
Bato	moderate	5.48								
Bibincahan										
Bitan-o	high	11.39	high	3.26			high	3.1		
Bonga	_									
Bon-ot	moderate	2.45								
Bucalbucalan	low	1.2								
Buenavista	low	0.11								
Buenavista(Bacon)	high	5.36								
Buhatan	high	12.25					high	32.25		
Bulabog	moderate	4.95								
Borabod	low	2.56	low	4.7						
Cabarbuhan										
Cabid-an	moderate	38.99	moderate	29.74			moderate	12.64		

BARANGAY	RESIDENTIAL	AFFECTED AREA (%)	COMMERCIAL	AFFECTED AREA (%)	INDUSTRIAL	AFFECTED AREA (%)	TOURISM	AFFECTED AREA (%)	AGRI- INDUSRIAL	AFFECTED AREA (%)
Cambulaga	moderate	13.67					low	0.77		
Capuy	low	10.91	low	0.23						
Caricaran	low	2.37	low	5.69						
Del Rosario	low	1.45								
Gatbu	high	8.32								
Gimaloto	high	9.7								
Guinlajon										
Jamislagan										
Macabog										
Marinas										
Osiao	moderate	3.32								
Pamurayan	moderate	5.62								
Pangpang										
Panlayaan										
Penafrancia	low	2.36								
Piot	moderate	18.05	low	2.32						
Poblacion	moderate	19.5	low	1.9						
Polborista			low	4.71						
Rawis	low	2.56								
Rizal	low	3.7								
Salog	moderate	5.5	low	1.56						
Salvacion										
Salvacion(Bacon)	low	0.15								
Sampaloc	moderate	10.31	moderate	0.5						
San Isidro										
San Isidro(Bacon)										
San Jose (Maricrum)										
San Juan(Bacon)										
San Juan	low	0.63								
San Pascual										
San Ramon										
San Roque										
San Vicente										

BARANGAY	RESIDENTIAL	AFFECTED AREA (%)	COMMERCIAL	AFFECTED AREA (%)	INDUSTRIAL	AFFECTED AREA (%)	TOURISM	AFFECTED AREA (%)	AGRI- INDUSRIAL	AFFECTED AREA (%)
Sawangga	high	10.3	high	3.16			high	0.32		
Sirangan	high	1.9	high	2.71						
Sta. Cruz										
Sta. Lucia										
Sto. Domingo										
Sto. Nino	low	0.73								
sugod	moderate	12.27								
Sulucan			low	2.66						
Talisay	high	8.57	high	3.05			high	0.12		
Ticol										
Tugos	low	0.75								

URBAN USE EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **TSUNAMI**

BARANGAY	RESIDENTIAL	AFFECTED AREA (%)	COMMERCIAL	AFFECTED AREA (%)	INDUSTRIAL	AFFECTED AREA (%)	TOURISM	AFFECTED AREA (%)	AGRI- INDUSRIAL	AFFECTED AREA (%)
Abuyog										
Almendras / Cogon										
Balete										
Balogo										
Balogo (Bacon)	high	1.49								
Barayong										
Basud										
Bato	low	0.84								
Bibincahan										
Bitan-o										
Bonga	low	2.7								
Bon-ot	moderate	0.11								
Bucalbucalan										
Buenavista										
Buenavista(Bacon)	low	1.15								

BARANGAY	RESIDENTIAL	AFFECTED AREA (%)	COMMERCIAL	AFFECTED AREA (%)	INDUSTRIAL	AFFECTED AREA (%)	TOURISM	AFFECTED AREA (%)	AGRI- INDUSRIAL	AFFECTED AREA (%)
Buhatan										
Bulabog										
Borabod										
Cabarbuhan										
Cabid-an										
Cambulaga										
Сариу										
Caricaran	high	3.15	low	0.23						
Del Rosario	low	2.28								
Gatbu	high	6.87								
Gimaloto										
Guinlajon										
Jamislagan										
Macabog										
Marinas										
Osiao	moderate	3.47								
Pamurayan										
Pangpang										
Panlayaan										
Penafrancia										
Piot										
Poblacion	high	22.35	moderate	0.41						
Polvorista										
Rawis	low	3.71								
Rizal										
Salog										
Salvacion										
Salvacion(Bacon)	low	0.55								
Sampaloc										
San Isidro										
San Isidro(Bacon)										
San Jose										
(Maricrum)										
San Juan(Bacon)	low	1.37								

BARANGAY	RESIDENTIAL	AFFECTED AREA (%)	COMMERCIAL	AFFECTED AREA (%)	INDUSTRIAL	AFFECTED AREA (%)	TOURISM	AFFECTED AREA (%)	AGRI- INDUSRIAL	AFFECTED AREA (%)
San Juan										
San Pascual	low	0.01								
San Ramon										
San Roque										
San Vicente										
Sawanga	high	4.22					high	1.03		
Sirangan										
Sta. Cruz										
Sta. Lucia	low	0.04								
Sto. Domingo	low	0.07								
Sto. Nino	moderate	2.57								
sugod	low	0.03								
Sulucan										
Talisay										
Ticol										
Tugos										

C. NATURAL - RESOURCE BASED PRODUCTION AREAS

1. Coconut

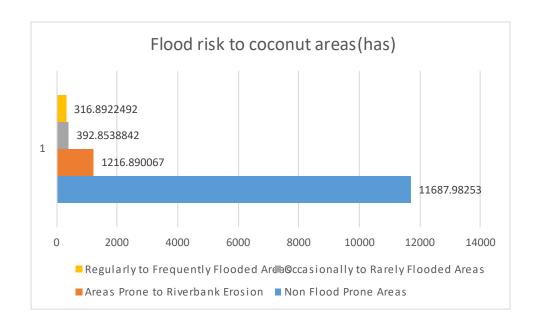
NATURAL RESOURCES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY FLOOD HAZARD AND EXPOSURE

Barangay	Non Flood Prone Areas	Areas Prone to Riverbank Erosion	Occasionally to Rarely Flooded Areas	Regularly to Frequently Flooded Areas
Abuyog	156.683421	0	64.217651	1.040128
Almendras - Cogon	0	0	0.055127	0
Balete	54.158198	14.653687	9.419254	0
Balogo	118.318779	6.628653	0	24.879055
Balogo (East)	8.89392	0	5.474082	0.000105
Barayong	65.009168	0	0.098015	0
Basud	78.148137	5.159109	3.514853	0
Bato	302.145682	1.4437	17.208029	21.79913
Bibincahan	645.427924	9.449206	6.559138	4.141183
Bogña	197.374905	10.970383	0	3.027486
Bon-ot	188.602443	8.387549	0	39.068856
Bucalbucalan	241.498501	39.609277	2.123532	0.006258
Buenavista	268.902932	11.025158	0	43.645969
Buenavista (West)	193.396581	41.255601	29.576811	2.940984
Buhatan	447.425634	0	31.338321	31.68215
Bulabog	161.911623	77.700435	0.075858	1.192015
Cabarbuhan	266.603058	40.603868	1.961692	0
Cabid-an	71.198959	0	10.392379	3.995683
Cambulaga	0	0.403347	1.353991	0
Capuy	84.931881	20.49014	3.226312	0

Caricaran	62.796909	9.430966	0.432413	1.729995
Del Rosario	3.678588	4.21772	1.332291	0.398069
Gatbo	554.37355	58.406792	4.346713	43.125628
Gimaloto	0	0.15572	1.346187	0
Guinlajon	348.312298	76.321439	0	0
Jamislagan	210.999767	0	14.603899	0
Macabog	235.921095	21.121819	1.726561	0
Marinas	152.295628	0	7.205258	0
Osiao	1044.043408	129.614591	0.041924	0.273954
Pamurayan	125.195734	8.255492	9.541229	3.486732
Pangpang	221.2745	22.551511	0	0
Panlayaan	190.157714	9.949225	0	0
Peñafrancia	57.051752	13.577136	0	1.719025
Piot	0	0.000149	3.648563	0
Poblacion	19.2758	16.435122	19.75108	0.363513
Rawis	50.270492	9.912014	9.796722	0.192475
Rizal	238.076548	24.41413	4.691482	0
Salog	0	0	0.034127	0.045704
Salvacion (Bacon)	231.010462	21.61361	0	0
Salvacion (West)	228.663046	35.942997	0	0
San Isidro	383.158054	81.662448	0	0
San Isidro (Bacon)	342.482056	3.934325	21.892898	6.216287
San Jose-Maricrum	144.30988	21.327884	0	8.710827
San Juan	490.31054	78.811964	0	4.708416
San Juan (Roro)	230.603592	24.268949	6.196132	0.671111
San Pascual	183.072029	13.233277	21.893696	0
San Ramon	186.506518	7.92607	0	1.550364
San Roque	75.674094	2.95856	20.309537	1.197811
San Vicente	264.242366	0	23.327354	6.535702

Total	11553.23831	1199.25943	392.853885	316.54602
Tugos	0	1.129344	5.07256	0
Ticol	108.553537	33.732733	0	0
Sugod	299.516641	0	27.46177	25.012157
Sto Niño	631.703379	95.391912	0	0.602672
Sto Domingo	115.440011	13.631675	0	3.157474
Sta Lucia	141.887002	3.492027	1.606444	1.347618
Sta Cruz	272.251556	56.608809	0	0
Sawanga	159.498018	11.448907	0	28.081484

Hazard Code	Area (has)
Non- flood Prone Areas	11687.98
Areas Prone to Riverbank Erosion	1216.89
Occasionally to rarely Flooded Area	392.8539
Regularly to Frequently Flooded area	316.8922
Total Area	13614.61873



NATURAL RESOURCES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE HAZARD AND EXPOSURE

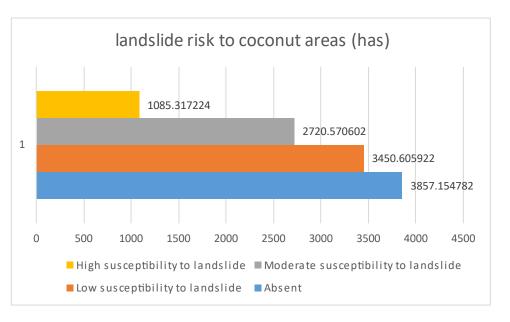
Barangay	Absent	Low susceptibility to landslide	Moderate susceptibility to landslide	High susceptibility to landslide
Abuyog	96.9167	85.172091	37.689941	2.162441
Almendras - Cogon	0.05513	0	0	0
Balete	54.5546	22.882817	0.793729	0
Balogo	62.7578	55.533018	26.403022	5.12769
Balogo (East)	14.3202	0.047906	0	0
Barayong	64.1765	0.930657	0	0
Basud	24.1103	29.413513	24.520252	9.101045
Bato	276.119	56.895312	9.00326	0.244984
Bibincahan	517.788	49.679031	80.340511	17.645591
Bogña	181.929	28.369994	1.073288	0
Bon-ot	120.681	78.032453	36.21187	1.13397
Bucalbucalan	46.9951	128.412271	74.026512	32.227342
Buenavista	80.9896	112.469077	111.790515	18.148263
Buenavista (West)	40.5185	192.243459	34.352312	0.055921
Buhatan	227.372	193.87043	81.876796	7.326833
Bulabog	52.0514	116.003921	58.222171	13.179572
Cabarbuhan	83.772	110.678308	111.997601	2.72072
Cabid-an	85.5821	0.004937	0	0
Cambulaga	1.75734	0	0	0
Сариу	28.813	67.096698	12.731625	0.030326
Caricaran	58.8132	14.001024	1.548586	0.027498
Del Rosario	4.4642	3.314423	1.848044	0
Gatbo	166.024	317.692601	167.12122	9.241208
Gimaloto	1.49296	0.008946	0	0

Guinlajon	269.264	43.832784	81.06849	30.19036
Jamislagan	201.566	22.371119	1.666547	0
Macabog	214.38	16.225989	18.048149	11.685064
Marinas	67.8967	64.401392	25.609709	1.593092
Osiao	15.9379	148.075207	624.768775	381.972465
Pamurayan	139.516	6.730958	0.232486	0
Pangpang	159.942	34.505196	37.018053	13.211708
Panlayaan	2.24691	76.869695	73.004779	47.985558
Peñafrancia	71.1593	1.188567	0	0
Piot	3.64871	0	0	0
Poblacion	51.4269	4.370895	0.027754	0
Rawis	39.3533	27.391067	3.40488	0
Rizal	60.153	121.740868	52.15885	32.52706
Salog	0.07983	0	0	0
Salvacion (Bacon)	234.813	17.287612	0.230135	0
Salvacion (West)	0	56.309046	139.373519	68.49684
San Isidro	49.8144	158.574978	152.523326	102.958792
San Isidro (Bacon)	366.365	7.926103	0.164672	0
San Jose-Maricrum	157.65	14.576571	2.045108	0.07712
San Juan	114.611	252.33774	163.129694	43.752759
San Juan (Roro)	174.89	15.710393	41.286353	31.059531
San Pascual	171.405	46.204184	0.590059	0
San Ramon	166.595	28.39081	0.803975	0
San Roque	98.8138	1.319495	0.006676	0
San Vicente	248.267	43.745832	2.092689	0
Sawanga	83.6939	72.182425	35.760878	7.391207
Sta Cruz	140.571	126.592751	48.594428	13.102617
Sta Lucia	135.326	12.289465	0.666245	0
Sto Domingo	103.223	25.784103	3.142656	0.079737

Sto Niño	149.344	153.771681	260.135889	164.165659
Sugod	305.832	43.453563	2.715877	0
Ticol	23.6244	68.52528	38.486887	11.124492
Tugos	6.2019	0	0	0
Total	6319.665	3375.438656	2680.308793	1079.747465

Susceptibility	Area (has)
Absent	3857.155
Low susceptibility to landslide	3450.606
Moderate susceptibility to landslide	2720.571
High susceptibility to landslide	1085.317
Total Area	11113.65

For coconut and rice, 1,100 and 17 hectares each for coconut and rice respectively are at risk.



NATURAL RESOURCES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY STORM SURGE HAZARD AND EXPOSURE

Barangay	Storm Surge Affected Area
Abuyog	40.470525
Buhatan	60.478765
Pamurayan	21.445015
Cambulaga	1.35067
Gimaloto	1.501907
Basud	4.147767
Capuy	3.169781
Cabid-an	4.512187
Balogo (East)	7.171591
Almendras - Cogon	0.055127
Piot	1.322607
Sta Lucia	5.607788
Sugod	42.777431
Buenavista	22.043311
Poblacion	12.079384
Rawis	1.511518
Del Rosario	0.678479
Sto Domingo	0.221904
Bon-ot	34.661742
Peñafrancia	10.663886
Bulabog	0.472085
Sawanga	21.103423
Caricaran	9.67508
Bogña	7.878915
Salvacion (Bacon)	0.763826

Bato	30.300236	
Gatbo	27.258222	
Balogo	11.710896	
San Vicente	2.690801	
Barayong	3.403942	
Buenavista (West)	3.087178	
Osiao	3.734068	
Sto Niño	1.717166	
Total	399.667223	

Of the total coconut areas in the City of Sorsogon, 435 hectares of 3.1% are prone to storm surge.

NATURAL RESOURCES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **TSUNAMI SURGE HAZARD AND EXPOSURE**

Barangay	Tsunami affected area
Balogo	8.832834
Bato	26.467357
Bogña	26.629234
Bon-ot	11.618224
Buenavista	17.184785
Caricaran	30.664672
Del Rosario	4.061621
Gatbo	44.984573
Osiao	18.138189
Poblacion	35.504847
Rawis	5.619916
Salvacion (Bacon)	25.233567

San Juan	4.610786
San Pascual	2.996852
Sawanga	13.912547
Sta Lucia	14.894649
Sto Domingo	4.647024
Sto Niño	42.202413
Sugod	23.619528
Total	361.823618

484 hectares or 3.49% are tsunami inundation areas.

NATURAL RESOURCES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY GROUND SETTLEMENT/SUBSIDENCE HAZARD AND EXPOSURE

Barangay	Areas_Succeptible_to_Ground_Settlement	Areas_Succeptible_to_Ground_Subsidence
Abuyog	71.232132	0
Almendras - Cogon	0.055127	0
Balete	14.165907	0
Balogo	27.395788	31.519461
Balogo (East)	3.943163	0
Basud	4.147767	0
Bato	53.145459	273.543866
Bibincahan	9.24797	0
Bogña	2.577784	0
Bon-ot	38.996379	114.930674
Bucalbucalan	3.635582	0
Buenavista	55.257905	11.937893

Buhatan	69.948958	2.632029
Bulabog	0.136184	0
Cabarbuhan	3.467561	0
Cabid-an	8.775228	0
Cambulaga	1.757338	0
Capuy	2.678769	0
Caricaran	3.46114	0
Del Rosario	4.87878	0
Gatbo	73.819952	152.534498
Gimaloto	1.501907	0
Jamislagan	0	98.857926
Macabog	2.221752	0
Osiao	2.804593	0
Pamurayan	12.560573	0
Pangpang	0.083289	0
Peñafrancia	2.454764	0
Piot	3.648712	0
Poblacion	38.276443	0
Rawis	13.179013	0
Rizal	7.999904	0
Salog	0.009216	0
San Isidro (Bacon)	35.625769	0
San Jose-Maricrum	15.12303	0
San Juan	7.3287	0
San Juan (Roro)	5.770501	0
San Pascual	41.459225	0
San Ramon	0.124981	0
San Roque	27.462498	0

San Vicente	28.572396	0
Sawanga	35.067744	46.958007
Sta Lucia	3.113491	1.70348
Sto Domingo	3.661212	0
Sugod	59.548626	227.533943
Tugos	6.201904	0
Buenavista (West)	50.515935	0
Total	857.041051	962.151777

^{1,855} hectares or 13.38% of coconut areas are at risk to ground settlement/subsidence. Ricelands situated in these areas are 1,500 and 50 hectares for settlement and subsidence. This is a slow creeping hazard caused by several factors which does not necessarily creates a disaster except for housing.

2. Rice

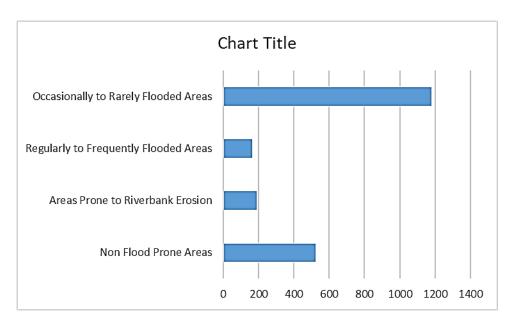
NATURAL RESOURCES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY FLOOD HAZARD AND EXPOSURE

Barangay	Areas Prone to Riverbank Erosion	Non Flood Prone Areas	Occasionally to Rarely Flooded Areas	Regularly to Frequently Flooded Areas
Abuyog	0	14.634211	67.125174	3.703054
Balete	8.40116	1.653731	134.588441	3.391691
Balogo	0	0.362159	0	2.373203
Balogo (East)	0	10.02967	0.000001	0
Barayong	3.289873	44.125854	11.702144	0
Basud	11.553402	3.601893	160.255233	0
Bato	0	0.886139	0	0

Bibincahan	2.098662	75.118287	0	0
Bogña	1.760338	5.749669	0	0
Bon-ot	0	3.588169	0	22.782181
Buenavista	1.938392	3.532517	0	15.490738
Buhatan	0	11.211075	37.814959	6.809219
Bulabog	1.808325	1.275195	3.554811	0.022417
Burabod	0	0	0.038904	0
Cabarbuhan	3.116534	3.99856	0.573844	0
Cabid-an	0	42.005337	0.738411	5.264057
Cambulaga	1.228523	0.573292	0	0
Capuy	24.998696	0.500989	166.966301	5.144125
Caricaran	0.133748	1.885044	0	2.6516
Gatbo	2.265165	4.526595	1.869182	49.278454
Gimaloto	6.406129	0	50.070928	13.171323
Guinlajon	4.500538	33.402153	0.318718	0
Jamislagan	0	3.623593	4.079634	0
Macabog	4.67683	17.655147	6.511158	0
Marinas	0	1.209815	5.158257	0
Osiao	20.48558	27.711531	10.092675	0
Pamurayan	6.134985	6.769997	30.274715	1.206836
Pangpang	2.56148	31.724202	2.621066	0
Peñafrancia	4.22573	15.233849	0	3.688055
Piot	3.361723	0	5.603575	0
Poblacion	18.791045	2.443916	79.990077	0.14437
Rawis	0	0.270646	2.419403	0
Salog	0	0	0.04689	0
Salvacion (Bacon)	0.395517	0.187467	0	0
San Isidro (Bacon)	4.782022	48.309647	45.837636	0.95573
San Jose-Maricrum	3.371701	11.426695	0	0.48675

Total	189.361107	522.124718	1177.340641	164.060312
Tugos	7.199677	8.363237	7.123627	0
Ticol	9.394926	6.19287	54.213042	0
Sugod	0	16.702735	52.706311	12.747805
Sta Lucia	0	2.41015	3.742588	1.847266
Sta Cruz	2.934218	15.135618	0	0
Sawanga	0.006556	2.075716	0	11.067676
San Vicente	0	2.947604	0.834254	0.0947
San Roque	9.842211	21.510153	123.449422	1.547126
San Ramon	0	0.11889	0	0.062546
San Pascual	15.954156	8.598582	91.121593	0
San Juan (Roro)	1.743265	8.842119	15.897667	0.12939

Hazard Code	Area (has)
Non- flood Prone Areas	522.1247
Areas Prone to Riverbank Erosion	189.3218
Occasionally to rarely Flooded Area	164.0603
Regularly to Frequently Flooded area	1177.345
Total Area	2052.852



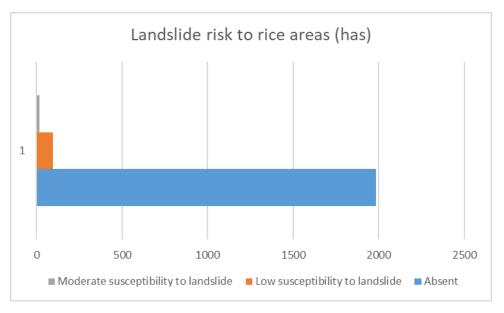
NATURAL RESOURCES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE HAZARD AND EXPOSURE

Barangay	Absent	Low susceptibility to landslide	Moderate susceptibility to landslide	High susceptibility to landslide
Abuyog	91.143	13.714381	4.59251	0.514457
Balete	147.11	0.88815	0.038632	0
Balogo	2.0302	0.59098	0.114154	0
Balogo (East)	10.03	0	0	0
Barayong	58.805	0.312666	0	0
Basud	174.75	0.664831	0	0
Bato	0.8861	0	0	0
Bibincahan	76.961	0.256371	0	0
Bogña	6.8607	0.605717	0.043635	0
Bon-ot	24.417	1.893409	0.060412	0
Buenavista	15.818	4.565974	0.577885	0
Buhatan	52.097	3.363417	0.576235	0.075151
Bulabog	6.6607	0	0	0
Burabod	0.0389	0	0	0
Cabarbuhan	6.8732	0.815739	0	0
Cabid-an	48.008	0	0	0
Cambulaga	1.6035	0.190834	0.0075	0
Сариу	197.23	0.376546	0.000344	0
Caricaran	2.5978	1.726249	0.343829	0.0025
Gatbo	49.804	5.787905	2.201368	0.145836
Gimaloto	69.613	0.035323	0	0
Guinlajon	37.958	0.221928	0.041411	0

Total	1974.5	97.409496	17.478262	1.627719
Tugos	22.258	0.356925	0.071463	0
Ticol	69.296	0.412329	0.092463	0
Sugod	81.602	0.554529	0	0
Sta Lucia	7.7694	0.230627	0	0
Sta Cruz	13.091	4.926909	0.052292	0
Sawanga	15.242	8.910483	0.782779	0.009708
San Vicente	3.5756	0.301004	0	0
San Roque	155.19	1.158425	0	0
San Ramon	0.1814	0	0	0
San Pascual	113.73	1.941498	0	0
San Juan (Roro)	26.477	0.135091	0	0
San Jose-Maricrum	15.217	0.068356	0	0
San Isidro (Bacon)	98.481	1.403605	0	0
Salvacion (Bacon)	0.4974	0.085552	0	0
Salog	0.0469	0	0	0
Rawis	2.1265	0.563518	0	0
Poblacion	99.682	1.542157	0.145269	0
Piot	8.9653	0	0	0
Peñafrancia	22.738	0.35168	0.058313	0
Pangpang	35.968	0.84743	0.091043	0
Pamurayan	44.037	0.349202	0	0
Osiao	13.667	36,401695	7.37125	0.74118
Marinas	5.1559	0.85781	0.215475	0.138887
Macabog	28.843	0	0	0
Jamislagan	9.3576	0.000251	0	0

Susceptibility	Area (has)
Absent	1981.879
Low susceptibility to landslide	97.67165
Moderate susceptibility to landslide	17.47826
Total Area	2097.029

For coconut and rice, 1,100 and 17 hectares each for coconut and rice respectively are at risk.



NATURAL RESOURCES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY STORM SURGE HAZARD AND EXPOSURE

Barangay	Prone to Storm Surge
Abuyog	45.771538
Balogo	1.433954
Balogo (East)	0.983234
Barayong	15.269338
Basud	77.712327

Bato	0.662505
Bon-ot	21.40272
Buenavista	12.057707
Buhatan	49.75833
Bulabog	5.279793
Burabod	0.038904
Cabid-an	6.968363
Cambulaga	0.460813
Capuy	190.641818
Caricaran	2.815822
Gatbo	43.331692
Gimaloto	69.64838
Osiao	18.951824
Pamurayan	39.189523
Peñafrancia	11.792757
Piot	4.121011
Poblacion	8.015336
Salog	0.026972
San Juan (Roro)	4.913816
San Vicente	0.812456
Sawanga	7.763169
Sta Lucia	6.276232
Sugod	65.098102
Ticol	7.370616
Tugos	0.195272
Total	718.764324

719 hectares or 34.26% of rice areas are prone to storm surges.

NATURAL RESOURCES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY TSUNAMI HAZARD AND EXPOSURE

Barangay	Tsunami Affected Areas
Balogo	1.433954
Bon-ot	12.795344
Buenavista	7.341743
Caricaran	3.670351
Gatbo	48.371344
Osiao	22.359822
Poblacion	57.04512
San Pascual	0.956854
Sawanga	3.010516
Sta Lucia	6.541316
Sugod	15.418227
Total	178.944591

178.94 hectares or 8.52% of rice areas re at risk to tsunami inundation

NATURAL RESOURCES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **GROUND SETTLEMENT/SUBSIDENCE HAZARD AND EXPOSURE**

Barangay	Areas Susceptible to Ground Settlement	Areas Susceptible to Ground Subsidence
Abuyog	70.646302	0
Balete	141.47906	0
Balogo	1.433954	1.301408
Barayong	9.22404	0
Basud	168.739918	0
Bato	0.763749	0.12239
Bon-ot	19.135541	7.394252
Buenavista	16.759621	2.611431
Buhatan	48.448061	0.276763
Bulabog	4.41036	0
Burabod	0.038904	0
Cabarbuhan	1.857237	0
Cabid-an	5.610695	0
Cambulaga	1.801814	0
Capuy	193.551506	0
Caricaran	3.361673	0
Gatbo	54.595123	0.594349
Gimaloto	69.147794	0
Guinlajon	0.106127	0
Jamislagan	0	4.582721
Macabog	7.623503	0
Osiao	14.046683	0
Pamurayan	34.675881	0

Pangpang	6.23366	0
Peñafrancia	8.495362	0
Piot	8.965297	0
Poblacion	100.160218	0
Rawis	2.379182	0
Salog	0.04689	0
San Isidro (Bacon)	46.080281	0
San Jose-Maricrum	2.426288	0
San Juan (Roro)	24.866919	0
San Pascual	107.420407	0
San Roque	135.29444	0
San Vicente	0.4347	0
Sawanga	19.15802	5.787036
Sta Lucia	6.096787	0.407274
Sugod	63.207083	18.602112
Ticol	58.425684	0
Tugos	18.384014	0
Total	1475.532778	41.679736

Hazard	Area (has)
Ground Settlement	522.1247
Areas Prone to Riverbank Erosion	189.3218
Total Area	2052.852

D. LIFELINE UTILITIES

LIFELINE UTILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY FLOOD HAZARD AND EXPOSURE

1. ELECTRICAL POST

I. ELECTRICAL		HAZARD			EXPC	OSURE	
	Flood Susceptibility	Likelihood of Occurrence Score	Expected Flood Depth		Normale and CED		
Barangay Name	low, moderate, high	refer to LO Table	≤1m for moderate and Low ≤1m for high	Total Number of EP	Number of EP Affected by Hazard	% of EP Affected by Hazard	% with transformer
San Roque	Low	2	≤lm	342	92	26.9005848	
Balete	Low	2	≤lm	334	277	82.93413174	
San Jose-Maricrum	Low	3	≤lm	155	17	10.96774194	
Salvacion (Bacon)	Low	1	≤lm	159	3	1.886792453	
San Ramon	Low	1	≤lm	131	7	5.34351145	
Bogña	Low	1	≤1m	119	0	0	
San Pascual	Low	1	≤1m	188	85	45.21276596	
Del Rosario	Low	1	≤lm	40	27	67.5	
Caricaran	High	3	≤lm	168	57	33.92857143	
Poblacion	Moderate	2	≤lm	513	489	95.32163743	
Rawis	Moderate	2	≤lm	103	72	69.90291262	
Balogo	High	3	≤lm	47	47	100	
Sawanga	High	2	≤lm	112	109	97.32142857	
Buenavista	High	2	≤lm	137	120	87.59124088	
Bon-ot	High	2	≤lm	90	65	72.2222222	
Bato	Moderate	1	≤lm	132	44	33.3333333	
Gatbo	Hlgh	1	≤lm	209	199	95.215311	
Sta Lucia				59	0	0	
Sugod	Moderate	1	≤lm	228	116	50.87719298	
Osiao				278	54	19.42446043	
Sto Niño				122	0	0	
Cabarbuhan	Moderate	1	≥lm	85	11	12.94117647	
Sta Cruz				92	28	30.43478261	
San Isidro (Bacon)				365	33	9.04109589	
San Vicente				134	9	6.71641791	
Jamislagan				87	11	12.64367816	
Sto Domingo				136	1	0.735294118	

HAZARD					EXPOSURE			
	Flood Susceptibility	Likelihood of Occurrence Score	Expected Flood Depth		Number of EP			
Barangay Name	low, moderate,		≤1m for moderate and	Total Number	Affected by	% of EP Affected	% with	
	high	refer to LO Table	Low	of EP	Hazard	by Hazard	transformer	
	riigri		≤1m for high					
San Juan				143	32	22.37762238		
Bibincahan	Low	1	≤lm	1362	75	5.50660793		
Sampaloc	Moderate	3	≤lm	237	148	62.44725738		
Sirangan	Moderate	3	≥lm	201	155	77.11442786		
Burabod	Moderate	6	≥lm	305	199	65.24590164		
San Juan (Roro)	Moderate	1	≤lm	402	171	42.53731343		
Polvorista	Moderate	1	≥lm	133	93	69.92481203		
Sulucan	Moderate	6	≥lm	83	75	90.36144578		
Almendras - Cogon	Moderate	1	≤lm	165	28	16.96969697		
Salog	Moderate	5	≥lm	260	199	76.53846154		
Cabid-an	Moderate	1	≤lm	515	277	53.78640777		
Balogo (East)	Moderate	3	≥lm	488	142	29.09836066		
Marinas				3	0	0		
Buhatan	Moderate	3	≥lm	337	198	58.7537092		
Abuyog	Moderate	1	≥lm	267	192	71.91011236		
Сариу	Moderate	1	≥lm	278	265	95.32374101		
Bulabog	High	1	≥lm	178	130	73.03370787		
Basud	Moderate	1	≥lm	206	151	73.30097087		
Ticol	Moderate	1	≥lm	169	137	81.06508876		
Barayong	Moderate	1	≥lm	139	13	9.352517986		
Gimaloto	Moderate	1	≥lm	107	107	100		
Pamurayan	Moderate	1	≥lm	206	48	23.30097087		
Guinlajon				401	45	11.22194514		
Panlayaan				94	8	8.510638298		
Salvacion (West)				57	18	31.57894737		
Buenavista (West)	Moderate	1	≥lm	196	61	31.12244898		
San Isidro				208	43	20.67307692		
Bucalbucalan	Moderate	1	≥lm	178	100	56.17977528		
Rizal	Moderate	3	≤lm	181	162	89.50276243		
Bitan-o	Moderate	1	≥lm	227	212	93.39207048		
Macabog				380	40	10.52631579		
Pangpang				959	58	6.047966632		
Cambulaga	Moderate	1	≥lm	248	248	100		
Peñafrancia				120	0	0		

		HAZARD			EXPO	OSURE	
	Flood Susceptibility	Likelihood of Occurrence Score	Expected Flood Depth		Number of EP		
Barangay Name	low moderate		≤1m for moderate and	Total Number	Affected by	% of EP Affected	% with
	low, moderate, high	refer to LO Table	Low	of EP	Hazard	by Hazard	transformer
	Tilgit		≤1m for high		Hazara		
Talisay	High	1	≥lm	294	122	41.49659864	
Piot	Moderate	1	≥lm	203	203	100	
Tugos	Moderate	1	≥lm	322	318	98.75776398	

Around 6,500 electric posts are affected by flooding.

LIFELINE UTILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE HAZARD AND EXPOSURE

1. ELECTRICAL POST

	ŀ	HAZARD		EXPOS	URE	
Barangay Name	Landslide Susceptibility	Likelihood of Occurrence Score	Total Number of EP	Number of EP Affected by Hazard	% of EP Affected by Hazard	% with transformer
San Roque			342			
Balete			334			
San Jose-Maricrum			155			
Salvacion (Bacon)			159			
San Ramon			131			
Bogña			119			
San Pascual			188			
Del Rosario			40			
Caricaran	low	1	168	28	16.6666667	
Poblacion			513			
Rawis			103			
Balogo			47			
Sawanga			112			
Buenavista	low	1	137	23	16.78832117	
Bon-ot			90			
Bato	high	1	132	8	6.060606061	
Gatbo	-		209			
Sta Lucia			59			

	ŀ	HAZARD		EXPOS	URE	
Barangay Name	Landslide Susceptibility	Likelihood of Occurrence Score	Total Number of EP	Number of EP Affected by Hazard	% of EP Affected by Hazard	% with transformer
Sugod	,		228			
Osiao	high	5	278	267	96.04316547	
Sto Niño	high	3	122	98	80.32786885	
Cabarbuhan	Ö		85			
Sta Cruz			92			
San Isidro (Bacon)			365			
San Vicente			134			
Jamislagan	low	1	87	10	11.49425287	
Sto Domingo			136			
San Juan	low	1	143	121	84.61538462	
Bibincahan			1362			
Sampaloc			237			
Sirangan			201			
Burabod			305			
San Juan (Roro)			402			
Polvorista			133			
Sulucan			83			
Almendras - Cogon			165			
Salog			260			
Cabid-an			515			
Balogo (East)			488			
Marinas	low	1	3	3	100	
Buhatan			337			
Abuyog	low	1	267	55	20.59925094	
Capuy			278			
Bulabog	low	1	178	16	8.988764045	
Basud			206			
Ticol	low	1	169	8	4.733727811	
Barayong			139			
Gimaloto			107			
Pamurayan			206			
Guinlajon			401			
Panlayaan	low	1	94	94	100	
Salvacion (West)	low	1	57	57	100	
Buenavista (West)	low	1	196	151	77.04081633	
San Isidro	low	1	208	208	100	

	ŀ	HAZARD		EXPOS	URE	
Barangay Name	Landslide Susceptibility	Likelihood of Occurrence Score	Total Number of EP	Number of EP Affected by Hazard	% of EP Affected by Hazard	% with transformer
Bucalbucalan			178			
Rizal	low	1	181	39	21.54696133	
Bitan-o			227			
Macabog			380			
Pangpang			959			
Cambulaga			248			
Peñafrancia			120			
Talisay			294			
Piot			203			
Tugos			322			

Electric posts at risk numbers to 1,186.

E. CRITICAL POINT FACILITES

1. Schools/Barangay Halls/Day Care Centers/ Fire Station/Health Centers/Chapels

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY FLOOD HAZARD AND EXPOSURE

				HAZA	ARD						EXPC	SURE			
Barangay	Name of Facility	Type of Facility	Flood Susceptibility	Likelihood of Occurrence Score	Expected Flood Depth	Magnitude Score	No. of Store ys	Total Area (sq.m.)	Estimat ed Affecte d Area (sq.m.)	% of Affec ted Area	Exposu re Score for Affecte d Area	Unit Cost/ Replace ment Cost	Affected Value	re Score for Affecte d Value	Average Exposur e Score
	raciny	school, hospital, rural health unit evacuation center, water- related facility, power-related facility, airport, seaport, government offices	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for low & moderate ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	No. of Floors	Total land area of facility/ compound	Estimated land area affected by hazard	Estimate d affecte d area divided by Total Area multiply	Exposure Score proportion of affected area	Construction cost per sq.m(option al)	Total Estimated affected area multiply by Unit Cost (optional)	Exposure Score for Affected Value (optional)	Sum of exposure scores divided by 2 (optional)
Abuyog	Abuyog National High School	High School	Low	6	≤lm	0.33	2	5571.253	4000	71.80 %	4	50,000	200,000,000	4	4
Abuyog	Abuyog Elementary School	Elementary	Moderate	6	≤lm	0.66	1	8,144	6500	79.82 %	4	50,000	325000000	4	4
Abuyog	Abuyog Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	2	150	120	80.00 %	4	50,000	6000000	4	4
Abuyog	Abuyog Fire Station	BFP Station	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4000000	4	4
Abuyog	Abuyog Health Center	Health center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4000000	4	4
Almendras - Cogon	Almendras- Cogon Daycare Center	Daycare center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4000000	4	4

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Almendras - Cogon	Almendras- Cogon Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4000000	4	4
[1Balete	Balete Daycare Center	Daycare center	Moderate	6	≤lm	0.66	1	100	80	80.00 %	4	50,000	4000000	4	4
Balete	Balete Health Center	Health center	Moderate	6	≤lm	0.66	1	100	80	80.00 %	4	50,000	4000000	4	4
Balete	Bacon West Central School	Elementary	Moderate	6	≤lm	0.66	1	7079.819	5000	70.62 %	4	50,000	250000000	4	4
Balete	Balete Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	1	150	120	80.00 %	4	50,000	6000000	4	4
Balogo	The Maple School of Sorsogon Foundation Inc.	Elementary	Moderate	6	≤lm	0.66	1	688.282	500	72.64 %	4	50,000	25000000	4	4
Balogo (B)	Sawanga National High School	High School	Moderate	6	≤lm	0.66	2	5599.327	4500	80.37 %	4	50,000	225000000	4	4
Balogo (B)	Balogo, Bacon Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	2	150	120	80.00 %	4	50,000	6000000	4	4
Balogo (B)	Balogo Elementary School (Bacon)	Elementary	Low	6	≤lm	0.33	1	3185.125	2200	69.07 %	4	50,000	110000000	4	4

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Balogo (B)	Balogo, Bacon Health Center	Health center	Low	6	≤1m	0.33	1	100	80	80.00 %	4	50,000	4000000	4	4
Balogo (B)	Balogo (Bacon) Daycare Center	Daycare center	Low	6	≤1m	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Basud	Basud Brgy. Hall	Barangay hall	Low	6	≤1m	0.33	1	150	120	80.00 %	4	50,000	6,000,000	4	4
Basud	Basud Daycare Center	Daycare center	Low	6	≤1m	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Basud	Basud Brgy. Chapel	Chapel/Ch urch	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Basud	Basud Elementary School	Elementary	Low	6	≤1m	0.33	1	6692.325	4500	67.24 %	4	50,000	225,000,000	4	4
Basud	Basud Health Center	Health center	Low	6	≤1m	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Bato	Bato Elementary School	Elementary	Low	6	≤1m	0.33	1	2654.848	2000	75.33 %	4	50,000	100,000,000	4	4
Bitan-o	Bitan-o Health Center	Health center	Moderate	6	≤lm	0.66	2	100	80	80.00 %	4	50,000	4,000,000	4	4
Bitan-o	Bitan-o Brgy. Hall	Barangay hall	Moderate	6	≤lm	0.66	2	150	120	80.00 %	4	50,000	6,000,000	4	4
Bitan-o	Bitan-o Daycare Center	Daycare center	Moderate	6	≤1m	0.66	1	100	80	80.00 %	4	50,000	4,000,000	4	4

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	. 33,	school, hospital, rural health unit evacuation center, water-related facility, power-related facility, airport, seaport, government offices	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for low & moderate ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	No. of Floors	Total land area of facility/ compound	Estimated land area affected by hazard	Estimate d affecte d area divided by Total Area multiply	Exposure Score proportion of affected area	Construction cost per sq.m(option al)	Total Estimated affected area multiply by Unit Cost (optional)	Exposure Score for Affected Value (optional)	Sum of exposure scores divided by 2 (optional)
Bitan-o	Bitan-o Elementary School	Elementary	Moderate	6	≤lm	0.66	1	1827.27	1200	65.67 %	4	50,000	60,000,000	4	4
Bon-ot	Bon-ot Elementary School	School	Moderate	6	≤lm	0.66	1	3387.384	1800	53.14 %	4	50,000	90,000,000	4	4
Bucalbucal an	Bucalbucala n Health Center	Health center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Bucalbucal an	Bucalbucala n Elementary School	Elementary	Low	6	≤lm	0.33	1	2007.999	1500	74.70 %	4	50,000	75,000,000	4	4
Buenavista	Buenavista Brgy. Hall	Barangay hall	Moderate	6	≤lm	0.66	1	150	120	80.00 %	4	50,000	6,000,000	4	4
Buenavista	Buenavista Health Center	Health center	Moderate	6	≤lm	0.66	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Buenavista	Buenavista Daycare Center	Daycare center	Moderate	6	≤lm	0.66	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Buenavista (B)	Buenavista National High School	High School	Moderate	6	≤lm	0.66	2	5857.605	4000	68.29 %	4	50,000	200,000,000	4	4
Buenavista (B)	Buenavista Elementary School	Elementary	Moderate	6	≤lm	0.66	1	5217.456	4500	86.25 %	4	50,000	225,000,000	4	4
Buhatan	Buhatan Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	2	150	120	80.00 %	4	50,000	6,000,000	4	4
Buhatan	Buhatan Integrated	School	Low	6	≤lm	0.33	2	11000	6000	54.55 %	4	50,000	300,000,000	4	4

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	National school														
Buhatan	Buhatan Daycare Center	Daycare center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Buhatan	Buhatan Health Center	Health center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Burabod	Burabod Elementary School	Elementary	Moderate	6	≤1m	0.66	1	14279.3	10000	70.03 %	4	50,000	500,000,000	4	4
Burabod	Burabod Bgry. Hall	Barangay hall	Low	6	≤1m	0.33	2	150	120	80.00 %	4	50,000	6,000,000	4	4
Cabid-an	Cabid-an Elementary School	Elementary	Moderate	6	≤lm	0.66	1	4890.501	3000	61.34 %	4	50,000	150,000,000	4	4
Cambulag a	Cambulaga Brgy. Hall	Barangay hall	Low	6	≤1m	0.33	1	150	120	80.00 %	4	50,000	6,000,000	4	4
Cambulag a	Cambulaga Elementary School	Elementary	Low	6	≤lm	0.33	1	4214.581	3000	71.18 %	4	50,000	150,000,000	4	4
Capuy	Capuy Elementary School	Elementary	Moderate	6	≤1m	0.66	1	2056.746	1200	58.34 %	4	50,000	60,000,000	4	4
Capuy	Capuy Brgy. Hall	Barangay hall	Moderate	6	≤1m	0.66	1	150	120	80.00 %	4	50,000	6,000,000	4	4
Capuy	Capuy Daycare Center	Daycare center	Low	6	≤1m	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4

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Capuy	Capuy Health Center	Health center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Del Rosario	Del Rosario Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	1	150	120	80.00 %	4	50,000	6,000,000	4	4
Del Rosario	Del Rosarion Daycare Center	Daycare center	Moderate	6	≤lm	0.66	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Gatbo	Gatbo Elementary School	Elementary	Low	6	≤lm	0.33	1	4023.879	4023.8 79	100.0 0%	4	50,000	201,193,950	4	4
Gatbo	Gatbo Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	2	150	120	80.00 %	4	50,000	6,000,000	4	4
Gatbo	Gatbo Health Center	Health center	Low	6	≤lm	0.33	1	150	120	80.00 %	4	50,000	6,000,000	4	4
Gatbo	Gatbo Daycare Center	Daycare center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Gatbo	Gatbo National High School	High School	Low	6	≤lm	0.33	1	2251.348	2251.3 48	100.0 0%	4	50,000	112,567,400	4	4
Gimaloto	Gimaloto Health Center	Health center	Moderate	6	≤lm	0.66	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Gimaloto	Gimaloto Brgy. hall	Barangay hall	Moderate	6	≤lm	0.66	2	150	120	80.00 %	4	50,000	6,000,000	4	4
Gimaloto	Gimaloto Daycare Center	Daycare center	Moderate	6	≤lm	0.66	1	100	80	80.00 %	4	50,000	4,000,000	4	4

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Gimaloto	Gimaloto Elementary School	Elementary	Moderate	6	≤lm	0.66	1	2287.98	2287.9 8	100.0 0%	4	50,000	114,399,000	4	4
Pamurayan	Pamurayan Brgy. Hall	Barangay hall	Moderate	6	≤lm	0.66	2	150	120	80.00 %	4	50,000	6,000,000	4	4
Pamurayan	Pamurayan Elementary School	Elementary	Moderate	6	≤lm	0.66	1	5503.387	4736.3 8	86.06 %	4	50,000	236,819,000	4	4
Penafranci a	Penafrancia Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	2	150	120	80.00 %	4	50,000	6,000,000	4	4
Piot	Aemilianum College Inc.	College	Low	6	≤lm	0.33	2	24112.62 5	24112. 625	100.0 0%	4	50,000	1,205,631,25 0	4	4
Piot	Piot Health Center	Health center	Low	6	≤lm	0.33	2	100	80	80.00 %	4	50,000	4,000,000	4	4
Piot	Sorsogon College of Criminology, Inc.	School	Low	6	≤lm	0.33	2	304.075	304.07 5	100.0 0%	4	50,000	15,203,750	4	4
Piot	First Baptist Christian Academy	School	Low	6	≤lm	0.33	2	126.136	397.78	315.3 6%	4	50,000	19,889,000	4	4
Piot	Bicol Merchant Marine College, Inc.	College	Low	6	≤lm	0.33	2	378.12	378.12	100.0 0%	4	50,000	18,906,000	4	4
Poblacion	Immaculate Heart of Mary School	School	Low	6	≤lm	0.33	2	1336.105	1336.1 05	100.0 0%	4	50,000	66,805,250	4	4

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Poblacion	Bacon East Central school	Elementary	Moderate	6	≤lm	0.66	1	7062.851	7062.8 51	100.0 0%	4	50,000	353,142,550	4	4
Poblacion	Bacon Police Station	Police station	Low	6	≤lm	0.33	1	147.281	147.28 1	100.0 0%	4	50,000	7,364,050	4	4
Poblacion	Rural Health Unit	Health center	Low	6	≤lm	0.33	1	600	500	83.33 %	4	50,000	25,000,000	4	4
Poblacion	Poblacion, Bacon Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	1	150	120	80.00 %	4	50,000	6,000,000	4	4
Poblacion	BFP Bacon Station	BFP Station	Low	6	≤lm	0.33	1	128.096	128.09 6	100.0 0%	4	50,000	6,404,800	4	4
Polvorista	Polvorista Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	1	150	120	80.00 %	4	50,000	6,000,000	4	4
Rawis	Rawis Health Center	Health center	Low	6	≤lm	0.33	2	100	80	80.00 %	4	50,000	4,000,000	4	4
Rawis	Rawis National High School	High School	Low	6	≤lm	0.33	2	3592.703	3259.3 78	90.72 %	4	50,000	162,968,900	4	4
Rawis	Rawis Elementary School	Elementary	Low	6	≤lm	0.33	1	6700.672	6700.6 72	100.0 0%	4	50,000	335,033,600	4	4
Rawis	Rawis Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	2	150	120	80.00 %	4	50,000	6,000,000	4	4
Rawis	Rawis Daycare Center	Daycare center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Rizal	Rizal Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	2	150	120	80.00 %	4	50,000	6,000,000	4	4

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Rizal	Rizal Integrated High School	High School	Low	6	≤lm	0.33	2	4649.256	1195.2 85	25.71 %	4	50,000	59,764,250	4	4
Rizal	Rizal Elementary School	Elementary	Moderate	6	≤lm	0.66	1	16687.92	16687. 92	100.0 0%	4	50,000	834,396,000	4	4
Salog	Sorsogon Community College	College	Low	6	≤lm	0.33	2	7379.479	7379.4 79	100.0 0%	4	50,000	368,973,950	4	4
Salog	Salog Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	2	150	120	80.00 %	4	50,000	6,000,000	4	4
Salog	Speed Computer College	College	Low	6	≤lm	0.33	2	282.588	282.58 8	100.0 0%	4	50,000	14,129,400	4	4
Salvacion	Salavacion Daycare Center	Daycare center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Sampaloc	Camp Salvador Escudero Sr.	Police station	Low	6	≤lm	0.33	2	17868.28	10729. 476	60.05 %	4	50,000	536,473,800	4	4
Sampaloc	Melecio J. Larosa Elementary School	Elementary	Low	6	≤lm	0.33	1	791.151	791.15 1	100.0 0%	4	50,000	39,557,550	4	4
Sampaloc	Sampaloc Health Center	Health center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
San Isidro	San Isidro Elementary School	Elementary	Low	6	≤lm	0.33	1	4652.74	4673.8 56	100.4 5%	4	50,000	233,692,800	4	4

				HAZA	ARD						EXPC	SURE			
Barangay	Name of Facility	Type of Facility	Flood Susceptibility	Likelihood of Occurrence Score	Expected Flood Depth	Magnitude Score	No. of Store ys	Total Area (sq.m.)	Estimat ed Affecte d Area (sq.m.)	% of Affec ted Area	Exposu re Score for Affecte d Area	Unit Cost/ Replace ment Cost	Affected Value	re Score for Affecte d Value	Average Exposur e Score
	. 33,	school, hospital, rural health unit evacuation center, water- related facility, power-related facility, airport, seaport, government offices	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for low & moderate ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	No. of Floors	Total land area of facility/ compound	Estimated land area affected by hazard	Estimate d affecte d area divided by Total Area multiply	Exposure Score proportion of affected area	Construction cost per sq.m(option al)	Total Estimated affected area multiply by Unit Cost (optional)	Exposure Score for Affected Value (optional)	Sum of exposure scores divided by 2 (optional)
San Juan (B)	San Juan, Bacon Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	1	150	120	80.00 %	4	50,000	6,000,000	4	4
San Juan (Roro)	Rural Health Unit(AMBERG)	Hospital	Low	6	≤lm	0.33	1	990.492	990.49 2	100.0 0%	4	50,000	49,524,600	4	4
San Juan (Roro)	Ambrosio Labrador Elementary School	Elementary	Low	6	≤lm	0.33	1	2163.5	2163.5	100.0 0%	4	50,000	108,175,000	4	4
Sawanga	Sawanga Elementary School	Elementary	Moderate	6	≤lm	0.66	1	8937.464	8937.4 64	100.0 0%	4	50,000	446,873,200	4	4
Sirangan	Sorsogon Public Market	public market	Low	6	≤1m	0.33	2	2940.463	2912.1 53	99.04 %	4	50,000	145,607,650	4	4
Sugod	Sugod Elementary School	Elementary	Low	6	≤lm	0.33	1	6005.383	6005.3 83	100.0 0%	4	50,000	300,269,150	4	4
Sugod	Sugod Daycare Center	Daycare center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Sugod	Sugod Brgy. Hall	Barangay hall	Low	6	≤1m	0.33	1	150	120	80.00 %	4	50,000	6,000,000	4	4
Sulucan	Sulucan Daycare Center	Daycare center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Ticol	Ticol Elementary School	Elementary	Low	6	≤lm	0.33	1	3640.53	2023.9 84	55.60 %	4	50,000	101,199,200	4	4

				HAZA	ARD						EXPO	SURE			
Barangay	Name of Facility	Type of Facility	Flood Susceptibility	Likelihood of Occurrence Score	Expected Flood Depth	Magnitude Score	No. of Store ys	Total Area (sq.m.)	Estimat ed Affecte d Area (sq.m.)	% of Affec ted Area	Exposu re Score for Affecte d Area	Unit Cost/ Replace ment Cost	Affected Value	re Score for Affecte d Value	Average Exposur e Score
	raciiiy	school, hospital, rural health unit evacuation center, water- related facility, power-related facility, airport, seaport, government offices	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for low & moderate ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	No. of Floors	Total land area of facility/ compound	Estimated land area affected by hazard	Estimate d affecte d area divided by Total Area multiply	Exposure Score proportion of affected area	Construction cost per sq.m(option al)	Total Estimated affected area multiply by Unit Cost (optional)	Exposure Score for Affected Value (optional)	Sum of exposure scores divided by 2 (optional)
Ticol	Ticol Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	1	150	120	80.00 %	4	50,000	6,000,000	4	4
Ticol	Ticol Brgy. Chapel	Chapel/Ch urch	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Ticol	Ticol Health Center	Health center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Ticol	Ticol Daycare Center	Daycare center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4
Tugos	St. Louise de Marillac College of Sorsogon (Annex Building)	School	Low	6	≤lm	0.33	2	10279.48 8	10279. 488	100.0 0%	4	50,000	513,974,400	4	4
Tugos	Sorsogon West District Health Office	Health center	Low	6	≤lm	0.33	1	780.204	780.20 4	100.0 0%	4	50,000	39,010,200	4	4
Tugos	Tugos Elementary School	School	Low	6	≤lm	0.33	1	2500	1500	60.00 %	4	50,000	75,000,000	4	4
Tugos	Tugos Brgy. Hall	Barangay hall	Low	6	≤lm	0.33	1	150	120	80.00 %	4	50,000	6,000,000	4	4
Tugos	Tugos Health Center	Health center	Low	6	≤lm	0.33	1	100	80	80.00 %	4	50,000	4,000,000	4	4

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE HAZARD AND EXPOSURE

				HAZARD						EXPOS	SURE			
Barangay	Name of Facility	Type of Facility	Landslide Susceptibilit Y	Likelihood of Occurrenc e Score	Magnitud e Score	No. of Storey s	Total Area (sq.m.)	Estimate d Affected Area (sq.m.)	% of Affecte d Area	Exposur e Score for Affected Area	Unit Cost/ Replacemen t Cost	Affected Value	Exposur e Score for Affected Value	Average Exposur e Score
		school, hospital, rural health unit evacuation center, water-related facility, power-related facility, airport, seaport, government offices	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	No. of Floors	Total land area of facility/ compound	Estimated land area affected by hazard	Estimated affected area divided by Total Area multiply	Exposure Score proportion of affected area	Construction cost per sq.m(optional)	Total Estimated affected area multiply by Unit Cost (optional)	Exposure Score for Affected Value (optional)	Sum of exposure scores divided by 2 (optional)
Bato	Bato Elementary School	Elementary	Moderate	4	0.66	1	2654.84 8	1500	56.50%	4	50,000	75,000,000	4	4
Bon-ot	Bon-ot Elementary School	School	Moderate	4	0.66	1	3387.38 4	2000	59.04%	4	50,000	100,000,00	4	4
Buenavist a (B)	Buenavista National High School	High School	Moderate	4	0.66	2	5857.60 5	3500	59.75%	4	50,000	175000000	4	4
Buhatan	Buhatan National High School	High School	Moderate	4	0.66	2	2638.28 6	1500	56.86%	4	50,000	75000000	4	4
Osiao	Osiao Elementary School	Elementary	Moderate	4	0.66	1	1115.78 7	850	76.18%	4	50,000	42500000	4	4
Osiao	Osiao Brgy. Hall	Barangay hall	Low	4	0.33	1	150	120	80.00%	4	50,000	6000000	4	4
Panlayaa n	Panlayaan Brgy. Hall	Barangay hall	Low	4	0.33	2	150	120	80.00%	4	50,000	6000000	4	4
Panlayaa n	Panlayaan Elementary School	Elementary	Moderate	4	0.66	1	5305.54 8	3500	65.97%	4	50,000	175000000	4	4

				HAZARD						EXPOS	URE			
Barangay	Name of Facility	Type of Facility	Landslide Susceptibilit Y	Likelihood of Occurrenc e Score	Magnitud e Score	No. of Storey	Total Area (sq.m.)	Estimate d Affected Area (sq.m.)	% of Affecte d Area	Exposur e Score for Affected Area	Unit Cost/ Replacemen t Cost	Affected Value	Exposur e Score for Affected Value	Average Exposur e Score
		school, hospital, rural health unit evacuation center, water-related facility, power-related facility, airport, seaport, government offices	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	No. of Floors	Total land area of facility/ compound	Estimated land area affected by hazard	Estimated affected area divided by Total Area multiply	Exposure Score proportion of affected area	Construction cost per sq.m(optional)	Total Estimated affected area multiply by Unit Cost (optional)	Exposure Score for Affected Value (optional)	Sum of exposure scores divided by 2 (optional)
Panlayaa n	Panlayaan Health Center	Health center	Low	4	0.33	2	150	100	66.67%	4	50,000	5000000	4	4
Panlayaa n	Panlayaan National Technological Vocational High School	High School	Moderate	4	0.66	3	8122.86	5000	61.55%	4	50,000	250000000	4	4
Salvacion	Salvacion Brgy. Hall	Barangay hall	Low	4	0.33	2	200	150	75.00%	4	50,000	7500000	4	4
Salvacion	Salvacion Health Center	Health center	Low	4	0.33	2	150	120	80.00%	4	50,000	6000000	4	4
Salvacion	Brgy. Salvacion Chapel	Chapel/Churc h	Low	4	0.33	1	174.323	150	86.05%	4	50,000	7500000	4	4
Salvacion	Salvacion Elementart School	Elementary	Low	4	0.33	1	3998.68 1	2500	62.52%	4	50,000	125000000	4	4
Salvacion	Salvacion Daycare Center	Daycare center	Low	4	0.33	1	2500	1500	60.00%	4	50,000	75000000	4	4
San Isidro	San Isidro Brgy. Hall	Barangay hall	Low	4	0.33	1	300	200	66.67%	4	50,000	10000000	4	4
San Isidro	San Isidro Health Center	Health center	Low	4	0.33	1	150	120	80.00%	4	50,000	6000000	4	4
San Isidro	San Isidro Daycare Center	Daycare center	Low	4	0.33	1	150	100	66.67%	4	50,000	5000000	4	4
San Isidro	San Isidro Brgy. Chapel	Chapel/Churc h	Low	4	0.33	1	200	150	75.00%	4	50,000	7500000	4	4
San Isidro	San Isidro Elementary School	Elementary	Low	4	0.33	1	4652.74	2500	53.73%	4	50,000	125000000	4	4

				HAZARD						EXPOS	URE			
Barangay	Name of Facility	Type of Facility	Landslide Susceptibilit Y	Likelihood of Occurrenc e Score	Magnitud e Score	No. of Storey	Total Area (sq.m.)	Estimate d Affected Area (sq.m.)	% of Affecte d Area	Exposur e Score for Affected Area	Unit Cost/ Replacemen t Cost	Affected Value	Exposur e Score for Affected Value	Average Exposur e Score
		school, hospital, rural health unit evacuation center, water-related facility, power-related facility, airport, seaport, government offices	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	No. of Floors	Total land area of facility/ compound	Estimated land area affected by hazard	Estimated affected area divided by Total Area multiply	Exposure Score proportion of affected area	Construction cost per sq.m(optional)	Total Estimated affected area multiply by Unit Cost (optional)	Exposure Score for Affected Value (optional)	Sum of exposure scores divided by 2 (optional)
San Juan (B)	San Juan, Bacon Health Center	Health center	Low	4	0.33	1	120	100	83.33%	4	50,000	5000000	4	4
San Juan (B)	San Juan, Bacon Brgy. Hall	Barangay hall	Low	4	0.33	1	150	120	80.00%	4	50,000	6000000	4	4

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY STORM SURGE HAZARD AND EXPOSURE

				HAZAI	RD						EXPOSI	URE			
BARANGAY	Name of Facility	Type of Facility	Hazard Susceptibility / Intensity	Likelihood of Occurrenc e Score	Expected Inundatio n Depth	Magnitud e Score	No. of Storey	Total Area (sq.m.)	Estimate d Affected Area (sq.m.)	% of Affecte d Area	Exposur e Score for Affecte d Area	Unit Cost/ Replaceme nt Cost	Affected Value	Exposur e Score for Affecte d Value	Averag e Exposur e Score
		school, hospital, rural health unit evacuation center, water- related facility, power-related facility, airport, seaport, government offices	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Depth according to hazard map	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	No. of Floors	Total land area of facility/ compound	Estimated land area affected by hazard	Estimated affected area divided by Total Area multiply	Exposure Score proportion of affected area	Construction cost per sq.m(optional)	Total Estimated affected area multiply by Unit Cost (optional)	Exposure Score for Affected Value (optional)	Sum of exposure scores divided by 2 (optional)
Abuyog	Abuyog National High School	High School	Low	5	≤ 0.5	0.33	2	5571.253	3500	62.82%	4	50,000	175,000,00 0	4	4
Abuyog	Abuyog Elementary School	Elementary	Low	5	≤ 0.5	0.33	2	8143.8	4500	55.26%	4	50,000	225,000,00 0	4	4
Abuyog	Abuyog Brgy. Hall	Barangay hall	Low	5	≤ 0.5	0.33	2	120	100	83.33%	4	50,000	5,000,000	4	4
Abuyog	Abuyog Fire Station	BFP Station	Low	5	≤ 0.5	0.33	1	150	120	80.00%	4	50,000	6,000,000	4	4
Abuyog	Abuyog Health Center	Health center	Low	5	≤ 0.5	0.33	1	150	120	80.00%	4	50,000	6,000,000	4	4
Almendras - Cogon	Almendras-Cogon Daycare Center	Daycare center	Low	5	≤ 0.5	0.33	1	100	85	85.00%	4	50,000	4250000	4	4

				HAZAI	RD						EXPOSI	JRE			
BARANGAY	Name of Facility	Type of Facility	Hazard Susceptibility / Intensity	Likelihood of Occurrenc e Score	Expected Inundatio n Depth	Magnitud e Score	No. of Storey	Total Area (sq.m.)	Estimate d Affected Area (sq.m.)	% of Affecte d Area	Exposur e Score for Affecte d Area	Unit Cost/ Replaceme nt Cost	Affected Value	Exposur e Score for Affecte d Value	Averag e Exposur e Score
Sawanga	Sawanga National High School	High School	Moderate	5	0.5-1.5m	0.66	2	5599.327	3823.768	68.29%	4	50,000	191188400	4	4
Balogo (B)	Balogo, Bacon Brgy. Hall	Barangay hall	High	5	≥1.5m	1	2	150	120	80.00%	4	50,000	6000000	4	4
Balogo (B)	Balogo Elementary School (Bacon)	Elementary	High	5	≥1.5m	1	2	3185.125	2500	78.49%	4	50,000	125000000	4	4
Balogo (B)	Balogo, Bacon Health Center	Health center	High	5	≥1.5m	1	2	150	120	80.00%	4	50,000	6000000	4	4
Balogo (B)	Balogo (Bacon) Daycare Center	Daycare center	High	5	≥1.5m	1	2	100	85	85.00%	4	50,000	4250000	4	4
Bato	Bato Brgy. Hall	Barangay hall	Low	5	≤ 0.5	0.33	2	150	120	80.00%	4	50,000	6000000	4	4
Bitan-o	Bitan-o Health Center	Health center	Moderate	5	0.5-1.5m	0.66	2	100	120	120.00%	4	50,000	6000000	4	4
Bitan-o	Bitan-o Brgy. Hall	Barangay hall	Moderate	5	0.5-1.5m	0.66	2	150	120	80.00%	4	50,000	6000000	4	4
Bitan-o	Bitan-o Daycare Center	Daycare center	Moderate	5	0.5-1.5m	0.66	2	100	85	85.00%	4	50,000	4250000	4	4
Bitan-o	Bitan-o Elementary School	Elementary	Moderate	5	0.5-1.5m	0.66	1	1827.27	1200	65.67%	4	50,000	60000000	4	4
Bon-ot	Bon-ot Elementary School	School	High	5	≥1.5m	1	1	3387.384	2500	73.80%	4	50,000	125000000	4	4
Buhatan	Buhatan Brgy. Hall	Barangay hall	Moderate	5	0.5-1.5m	0.66	2	200	180	90.00%	4	50,000	900000	4	4
Buhatan	Buhatan Integrated National school	School	Moderate	5	0.5-1.5m	0.66	2	11000	6000	54.55%	4	50,000	30000000	4	4
Buhatan	Buhatan Daycare Center	Daycare center	Moderate	5	0.5-1.5m	0.66	2	150	100	66.67%	4	50,000	5000000	4	4
Buhatan	Buhatan Health Center	Health center	Moderate	5	0.5-1.5m	0.66	2	150	120	80.00%	4	50,000	6000000	4	4
Cabid-an	Cabid-an Elementary School	Elementary	Low	5	≤ 0.5	0.33	1	4890.501	3500	71.57%	4	50,000	175000000	4	4
Cabid-an	Cabid-an Brgy. Hall	Barangay hall	Low	5	≤ 0.5	0.33	1	150	120	80.00%	4	50,000	6000000	4	4
Cabid-an	Cabid-an Daycare Center	Daycare center	Low	5	≤ 0.5	0.33	1	100	85	85.00%	4	50,000	4250000	4	4
Cabid-an	Cabid-and Health Center	Health center	Low	5	≤ 0.5	0.33	1	100	85	85.00%	4	50,000	4250000	4	4
Cambulaga	Cambulaga Brgy. Hall	Barangay hall	Moderate	5	0.5-1.5m	0.66	1	150	130	86.67%	4	50,000	6500000	4	4
Capuy	Capuy Elementary School	Elementary	Low	5	≤ 0.5	0.33	1	2056.746	1300	63.21%	4	50,000	65000000	4	4

			HAZARD					EXPOSURE								
BARANGAY	Name of Facility	Type of Facility	Hazard Susceptibility / Intensity	Likelihood of Occurrenc e Score	Expected Inundatio n Depth	Magnitud e Score	No. of Storey	Total Area (sq.m.)	Estimate d Affected Area (sq.m.)	% of Affecte d Area	Exposur e Score for Affecte d Area	Unit Cost/ Replaceme nt Cost	Affected Value	Exposur e Score for Affecte d Value	Averag e Exposur e Score	
Del Rosario	Del Rosario Elementary School	Elementary	Hlgh	5	≥1.5m	1	1	3818.422	2500	65.47%	4	50,000	125000000	4	4	
Gatbo	Gatbo Elementary School	Elementary	High	5	≥1.5m	1	1	4023.879	2750	68.34%	4	50,000	137500000	4	4	
Gatbo	Gatbo Brgy. Hall	Barangay hall	High	5	≥1.5m	1	2	150	120	80.00%	4	50,000	6000000	4	4	
Gatbo	Gatbo Health Center	Health center	High	5	≥1.5m	1	2	100	85	85.00%	4	50,000	4250000	4	4	
Gatbo	Gatbo Daycare Center	Daycare center	High	5	≥1.5m	1	2	100	80	80.00%	4	50,000	4000000	4	4	
Gimaloto	Gimaloto Health Center	Health center	Moderate	5	0.5-1.5m	0.66	2	100	80	80.00%	4	50,000	4000000	4	4	
Gimaloto	Gimaloto Brgy. hall	Barangay hall	Moderate	5	0.5-1.5m	0.66	2	150	120	80.00%	4	50,000	6000000	4	4	
Gimaloto	Gimaloto Daycare Center	Daycare center	Moderate	5	0.5-1.5m	0.66	2	100	85	85.00%	4	50,000	4250000	4	4	
Gimaloto	Gimaloto Elementary School	Elementary	Moderate	5	0.5-1.5m	0.66	1	2287.98	1600	69.93%	4	50,000	80000000	4	4	
Pamurayan	Pamurayan Brgy. Hall	Barangay hall	Low	5	≤ 0.5	0.33	2	150	120	80.00%	4	50,000	6000000	4	4	
Pamurayan	Pamurayan Elementary School	Elementary	Low	5	≤ 0.5	0.33	1	5503.387	4000	72.68%	4	50,000	200000000	4	4	
Pamurayan	Pamurayan Health Center	Health center	Low	5	≤ 0.5	0.33	1	100	85	85.00%	4	50,000	4250000	4	4	
Piot	Aemilianum College Inc.	College	Low	5	≤ 0.5	0.33	2	24112.62 5	19000	78.80%	4	50,000	95000000	4	4	
Piot	Piot Health Center	Health center	Low	5	≤ 0.5	0.33	2	100	85	85.00%	4	50,000	4250000	4	4	
Piot	Sorsogon College of Criminology, Inc.	School	Low	5	≤ 0.5	0.33	2	304.075	150	49.33%	4	50,000	7500000	4	4	
Piot	First Baptist Christian Academy	School	Low	5	≤ 0.5	0.33	2	397.78	250	62.85%	4	50,000	12500000	4	4	
Piot	Bicol Merchant Marine College, Inc.	College	Low	5	≤ 0.5	0.33	2	378.12	250	66.12%	4	50,000	12500000	4	4	
Poblacion	Immaculate Heart of Mary School	School	Low	5	≤ 0.5	0.33	2	1336.105	850	63.62%	4	50,000	42500000	4	4	
Poblacion	Bacon East Central school	Elementary	High	5	≥1.5m	1	1	7062.851	5000	70.79%	4	50,000	250000000	4	4	
Poblacion	Bacon Police Station	Police station	Moderate	5	0.5-1.5m	0.66	1	147.281	100	67.90%	4	50,000	5000000	4	4	
Poblacion	Rural Health Unit	Health center	Moderate	5	0.5-1.5m	0.66	1	600	500	83.33%	4	50,000	25000000	4	4	

				HAZAI	RD						EXPOSI	JRE			
BARANGAY	Name of Facility	Type of Facility	Hazard Susceptibility / Intensity	Likelihood of Occurrenc e Score	Expected Inundatio n Depth	Magnitud e Score	No. of Storey	Total Area (sq.m.)	Estimate d Affected Area (sq.m.)	% of Affecte d Area	Exposur e Score for Affecte d Area	Unit Cost/ Replaceme nt Cost	Affected Value	Exposur e Score for Affecte d Value	Averag e Exposur e Score
Poblacion	Poblacion, Bacon Brgy. Hall	Barangay hall	Moderate	5	0.5-1.5m	0.66	1	200	180	90.00%	4	50,000	9000000	4	4
Poblacion	BFP Bacon Station	BFP Station	Moderate	5	0.5-1.5m	0.66	1	128.096	90	70.26%	4	50,000	4500000	4	4
Polvorista	Polvorista Brgy. Hall	Barangay hall	Low	5	≤ 0.5	0.33	2	150	120	80.00%	4	50,000	6000000	4	4
Salog	Sorsogon Community College	College	Low	5	≤ 0.5	0.33	2	7379.479	5000	67.76%	4	50,000	250000000	4	4
Salog	Salog Brgy. Hall	Barangay hall	Low	5	≤ 0.5	0.33	2	150	120	80.00%	4	50,000	6000000	4	4
Salog	Speed Computer College	College	Low	5	≤ 0.5	0.33	2	282.588	150	53.08%	4	50,000	7500000	4	4
Sampaloc	Melecio J. Larosa Elementary School	Elementary	Moderate	5	0.5-1.5m	0.66	1	791.151	500	63.20%	4	50,000	25000000	4	4
Sampaloc	Sampaloc Health Center	Health center	Moderate	5	0.5-1.5m	0.66	1	100	85	85.00%	4	50,000	4250000	4	4
Sampaloc	Sampaloc Brgy, Hall	Barangay hall	Moderate	5	0.5-1.5m	0.66	2	150	120	80.00%	4	50,000	6000000	4	4
Sampaloc	Sampaloc Daycare Center	Daycare center	Moderate	5	0.5-1.5m	0.66	1	100	85	85.00%	4	50,000	4250000	4	4
Sawanga	Sawanga Elementary School	Elementary	High	5	≥1.5m	1	1	8937.464	6000	67.13%	4	50,000	30000000	4	4
Sirangan	Sorsogon Public Market	public market	Moderate	5	0.5-1.5m	0.66	2	2940.463	2200	74.82%	4	50,000	110000000	4	4
Sirangan	Sirangan Daycare Center	Daycare center	Moderate	5	0.5-1.5m	0.66	1	100	85	85.00%	4	50,000	4250000	4	4
Sirangan	Sirangan Brgy. hall	Barangay hall	Moderate	5	0.5-1.5m	0.66	2	180	150	83.33%	4	50,000	7500000	4	4
Sirangan	Police Community Precinct 1	Police station	Moderate	5	0.5-1.5m	0.66	1	273.794	180	65.74%	4	50,000	9000000	4	4
Sirangan	Sirangan Day Care Center	Health center	Moderate	5	0.5-1.5m	0.66	1	100	85	85.00%	4	50,000	4250000	4	4
Sugod	Sugod Elementary School	Elementary	Moderate	5	0.5-1.5m	0.66	1	6005.383	4500	74.93%	4	50,000	225000000	4	4
Sugod	Sugod Daycare Center	Daycare center	Moderate	5	0.5-1.5m	0.66	1	100	85	85.00%	4	50,000	4250000	4	4
Sugod	Sugod Brgy. Hall	Barangay hall	Moderate	5	0.5-1.5m	0.66	1	150	120	80.00%	4	50,000	6000000	4	4
Sugod	Sugod Health Center	Health center	Moderate	5	0.5-1.5m	0.66	1	100	85	85.00%	4	50,000	4250000	4	4
Sulucan	Sulucan Daycare Center	Daycare center	Moderate	5	0.5-1.5m	0.66	2	100	85	85.00%	4	50,000	4250000	4	4
Sulucan	Sulucan Health Center	Health center	Moderate	5	0.5-1.5m	0.66	2	100	85	85.00%	4	50,000	4250000	4	4

				HAZAF	RD						EXPOSI	JRE			
BARANGAY	Name of Facility	Type of Facility	Hazard Susceptibility / Intensity	Likelihood of Occurrenc e Score	Expected Inundatio n Depth	Magnitud e Score	No. of Storey s	Total Area (sq.m.)	Estimate d Affected Area (sq.m.)	% of Affecte d Area	Exposur e Score for Affecte d Area	Unit Cost/ Replaceme nt Cost	Affected Value	Exposur e Score for Affecte d Value	Averag e Exposur e Score
Sulucan	Sulucan Brgy. Hall	Barangay hall	Moderate	5	0.5-1.5m	0.66	2	150	120	80.00%	4	50,000	6000000	4	4
Talisay	Sorsogon Pilot Elementary School	Elementary	Moderate	5	0.5-1.5m	0.66	2	3991.697	2750	68.89%	4	50,000	137500000	4	4
Talisay	Talisay Health Center	Health center	Moderate	5	0.5-1.5m	0.66	2	100	85	85.00%	4	50,000	4250000	4	4
Talisay	Talisay Brgy. Hall	Barangay hall	Moderate	5	0.5-1.5m	0.66	2	100	85	85.00%	4	50,000	4250000	4	4
Talisay	Talisay Daycare Center	Daycare center	Moderate	5	0.5-1.5m	0.66	1	100	85	85.00%	4	50,000	4250000	4	4
Talisay	BFP Talisay Station	BFP Station	Moderate	5	0.5-1.5m	0.66	1	467.356	320	68.47%	4	50,000	16000000	4	4
Talisay	St. Louise De Marillac College of Sorsogon	College	Moderate	5	0.5-1.5m	0.66	3	5917.515	4500	76.05%	4	50,000	225000000	4	4
Salog	Sorsogon National High School	High School	Moderate	5	0.5-1.5m	0.66	3	17451.48 9	13000	74.49%	4	50,000	650000000	4	4
Bato	Bato Elementary School	Elementary	High	5	≥1.5m	1	1	2654.848	1787.923	67.35%	4	50,000	89396150	4	4
Buenavista (B)	Buenavista Elementary School	Elementary	High	5	≥1.5m	1	1	5217.456	4446.924	85.23%	4	50,000	222346200	4	4
Rizal	Rizal Elementary School	Elementary	Low	5	≤ 0.5	0.33	1	16687.92	10000	59.92%	4	50,000	500000000	4	4
Osiao	Osiao National High School	High School	High	5	≥1.5m	1	2	3683.457	2500	67.87%	4	50,000	125000000	4	4

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY TSUNAMI HAZARD AND EXPOSURE

			HAZARD						EXPOSUR				
Name of Facility	Type of Facility	Hazard Susceptibility/ Intensity	Likelihood of Occurrence Score	Magnitude Score	No. of Storeys	Total Area (sq.m.)	Estimated Affected Area (sq.m.)	% of Affected Area	Exposure Score for Affected Area	Unit Cost/ Replacement Cost	Affected Value	Exposure Score for Affected Value	Average Exposure Score
	school, hospital, rural health unit evacuation center, water- related facility, power-related facility, airport, seaport, government offices	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	No. of Floors	Total land area of facility/ compound	Estimated land area affected by hazard	Estimated affected area divided by Total Area multiply	Exposure Score proportion of affected area	Construction cost per sq.m(optional)	Total Estimated affected area multiply by Unit Cost (optional)	Exposure Score for Affected Value (optional)	Sum of exposure scores divided by 2 (optional)
Sawanga National High School	High School	High	3	1	3	5599.327	4000	71.44%	4	50,000	200,000,000	4	4
Balogo, Bacon Brgy. Hall	Barangay hall	High	3	1	2	200	180	90.00%	4	50,000	9,000,000	4	4
Balogo Elementary School (Bacon)	Elementary	High	3	1	1	3185.125	2500	78.49%	4	50,000	125,000,000	4	4
Balogo, Bacon Health Center	Health center	High	3	1	2	100	90	90.00%	4	50,000	4,500,000	4	4
Balogo (Bacon) Daycare Center	Daycare center	High	3	1	1	100	95	95.00%	4	50,000	4,750,000	4	4
Bato Brgy. Hall	Barangay hall	High	3	1	2	200	150	75.00%	4	50,000	7500000	4	4
Bato Elementary School	Elementary	High	3	1	1	2654.848	1500	56.50%	4	50,000	75000000	4	4
Bato Health Center	Health center	High	3	1	2	150	120	80.00%	4	50,000	6000000	4	4
Bon-ot Elementary School	School	High	3	1	1	3387.384	2500	73.80%	4	50,000	125000000	4	4
Buenavista National High School	High School	High	3	1	2	5857.605	3500	59.75%	4	50,000	175000000	4	4
Buenavista Elementary School	Elementary	High	3	1	1	5217.456	4000	76.67%	4	50,000	200000000	4	4
Caricaran Brgy. Hall	Barangay hall	High	3	1	2	300	250	83.33%	4	50,000	12500000	4	4
Del Rosario Elementary School	Elementary	High	3	1	1	3818.422	2500	65.47%	4	50,000	125000000	4	4
Gatbo Elementary School	Elementary	High	3	1	1	4023.879	2000	49.70%	4	50,000	10000000	4	4

			HAZARD						EXPOSURI				
Name of Facility	Type of Facility	Hazard Susceptibility/ Intensity	Likelihood of Occurrence Score	Magnitude Score	No. of Storeys	Total Area (sq.m.)	Estimated Affected Area (sq.m.)	% of Affected Area	Exposure Score for Affected Area	Unit Cost/ Replacement Cost	Affected Value	Exposure Score for Affected Value	Average Exposure Score
	school, hospital, rural health unit evacuation center, water- related facility, power-related facility, airport, seaport, government offices	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	No. of Floors	Total land area of facility/ compound	Estimated land area affected by hazard	Estimated affected area divided by Total Area multiply	Exposure Score proportion of affected area	Construction cost per sq.m(optional)	Total Estimated affected area multiply by Unit Cost (optional)	Exposure Score for Affected Value (optional)	Sum of exposure scores divided by 2 (optional)
Gatbo Brgy. Hall	Barangay hall	High	3	1	2	200	160	80.00%	4	50,000	8000000	4	4
Gatbo Health Center	Health center	High	3	1	2	150	120	80.00%	4	50,000	6000000	4	4
Gatbo Daycare Center	Daycare center	High	3	1	2	150	120	80.00%	4	50,000	6000000	4	4
Gatbo National High School	High School	High	3	1	2	2251.348	1500	66.63%	4	50,000	75000000	4	4
Immaculate Heart of Mary School	School	High	3	1	2	1336.105	700	52.39%	4	50,000	35000000	4	4
Bacon East Central school	Elementary	High	3	1	1	7062.851	4500	63.71%	4	50,000	225000000	4	4
Bacon Police Station	Police station	High	3	1	1	147.281	120	81.48%	4	50,000	6000000	4	4
Rural Health Unit	Health center	High	3	1	1	120	100	83.33%	4	50,000	5000000	4	4
Poblacion, Bacon Brgy. Hall	Barangay hall	High	3	1	1	200	150	75.00%	4	50,000	7500000	4	4
BFP Bacon Station	BFP Station	High	3	1	1	128.096	85	66.36%	4	50,000	4250000	4	4
Rawis Health Center	Health center	High	3	1	2	150	120	80.00%	4	50,000	6000000	4	4
San Juan, Bacon Health Center	Health center	High	3	1	1	120	100	83.33%	4	50,000	5000000	4	4
Sawanga Elementary School	Elementary	High	3	1	1	8937.464	5000	55.94%	4	50,000	250000000	4	4
Rawis Elementary School	Elementary	High	3	1	1	6700.672	4500	67.16%	4	50,000	225000000	4	4
Osiao National High School	High School	High	3	1	2	3683.457	2500	67.87%	4	50,000	125000000	4	4

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY FLOOD SENSITIVITY

					SENS	SITIVITY					
	Existing (condition	Proportion of the dilapido condemned	ıted/	Proportion of Made of light	structure	Year construc	łed		g Resilient g Design Sensitivity Score	Average Sensitivity Score
Barangay	excellent, good, fair, poor	Sensitivity Score	if ≤5% of structure, >5 to 10% of structure, >10-20% of structure, ≥20% of structure is in dilapidated/ condemned condition	Sensitivity Score	if ≤5% of Structure >5 to 10% of Structure >10-20% of Structure ≥20% of structureis made of light materials	Sensitivity Score	Before 1972, Between 1972-1992, 1992-2012, 2012 and above(year ranges can be adjusted)	Sensitivity Score	Yes or No		Rounded up average sensitivity score
Abuyog	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Abuyog	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Abuyog	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Abuyog	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Abuyog	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Almendras - Cogon	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Almendras - Cogon	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Balete	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Balete	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Balete	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Balete	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Balogo	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Balogo (B)	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Balogo (B)	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Balogo (B)	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Balogo (B)	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Balogo (B)	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Basud	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Basud	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Basud	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Basud	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Basud	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Bato	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Bitan-o	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Bitan-o	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Bitan-o	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2

					SENS	SITIVITY					
	Existing	condition	Proportion of the dilapida condemned	ited/	Proportion of s Made of light i		Year construct	ed		ng Resilient g Design	Average Sensitivity Score
Barangay	excellent, good, fair, poor	Sensitivity Score	if ≤5% of structure, >5 to 10% of structure, >10-20% of structure, ≥20% of structure is in dilapidated/ condemned condition	Sensitivity Score	if ≤5% of Structure >5 to 10% of Structure >10-20% of Structure ≥20% of structureis made of light materials	Sensitivity Score	Before 1972, Between 1972-1992, 1992-2012, 2012 and above(year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Bitan-o	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Bon-ot	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Bucalbucalan	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Bucalbucalan	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Buenavista	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Buenavista	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Buenavista	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Buenavista (B)	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Buenavista (B)	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Buhatan	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Buhatan	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Buhatan	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Buhatan	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Burabod	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Burabod	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Cabid-an	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Cambulaga	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Cambulaga	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Capuy	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Capuy	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Capuy	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Capuy	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Del Rosario	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Del Rosario	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Gatbo	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Gatbo	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Gatbo	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Gatbo	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Gatbo	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2

					SENS	SITIVITY					
	Existing	condition	Proportion of the dilapida condemned	ted/	Proportion of s Made of light i		Year construct	ed			Average Sensitivity Score
Barangay	excellent, good, fair, poor	Sensitivity Score	if ≤5% of structure, >5 to 10% of structure, >10-20% of structure, ≥20% of structure is in dilapidated/ condemned condition	Sensitivity Score	if ≤5% of Structure >5 to 10% of Structure >10-20% of Structure ≥20% of structureis made of light materials	Sensitivity Score	Before 1972, Between 1972-1992, 1992-2012, 2012 and above(year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Gimaloto	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Gimaloto	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Gimaloto	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Gimaloto	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Pamurayan	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Pamurayan	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Penafrancia	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Piot	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Piot	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Piot	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Piot	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Piot	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Poblacion	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Poblacion	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Poblacion	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Poblacion	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Poblacion	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Poblacion	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Polvorista	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Rawis	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Rawis	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Rawis	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Rawis	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Rawis	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Rizal	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Rizal	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Rizal	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Salog	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Salog	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2

					SEN:	SITIVITY					
	Existing	condition	Proportion of the dilapida condemned	ited/	Proportion of Made of light	structure	Year construct	ted		ng Resilient g Design	Average Sensitivity Score
Barangay	excellent, good, fair, poor	Sensitivity Score	if ≤5% of structure, >5 to 10% of structure, >10-20% of structure, ≥20% of structure is in dilapidated/ condemned condition	Sensitivity Score	if ≤5% of Structure >5 to 10% of Structure >10-20% of Structure ≥20% of structureis made of light materials	Sensitivity Score	Before 1972, Between 1972-1992, 1992-2012, 2012 and above(year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Salog	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Salvacion	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Sampaloc	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Sampaloc	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Sampaloc	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
San Isidro	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
San Juan (B)	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
San Juan (Roro)	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
San Juan (Roro)	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Sawanga	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Sirangan	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Sugod	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Sugod	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Sugod	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Sulucan	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Ticol	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Ticol	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Ticol	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Ticol	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Ticol	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Tugos	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Tugos	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Tugos	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Tugos	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2
Tugos	good	2	10.00%	2	0.00%	1	1992-2012	1	yes	1	2

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **LANDSLIDE SENSITIVITY**

					SENSITIVI	TY					
Barangay	Existing (condition	Proportion o structure in dilar condemned co	oidated/	Proportion of structure Mo materials	ade of light	Year con	structed		g Resilient g Design	Average Sensitivit y Score
	excellent, good, fair, poor	Sensitivity Score	if ≤5% of structure, >5 to 10% of structure, >10-20% of structure, ≥20% of structure is in dilapidated/ condemned condition	Sensitivit y Score	if ≤5% of Structure >5 to 10% of Structure >10-20% of Structure ≥20% of structureis made of light materials	Sensitivity Score	Before 1972, Between 1972-1992, 1992-2012, 2012 and above(year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Bato	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Bon-ot	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Buenavista (B)	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Buhatan	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Osiao	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Osiao	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Panlayaan	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Panlayaan	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Panlayaan	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Panlayaan	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Salvacion	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Salvacion	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Salvacion	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Salvacion	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
Salvacion	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
San Isidro	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
San Isidro	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
San Isidro	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
San Isidro	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
San Isidro	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2

					SENSITIVI	TY					
Barangay	Existing (condition	Proportion o structure in dilar condemned co	oidated/	Proportion of structure Mo materials	ade of light	Year con	structed		g Resilient g Design	Average Sensitivit y Score
	excellent, good, fair, poor	Sensitivity Score	if ≤5% of structure, >5 to 10% of structure, >10-20% of structure, ≥20% of structure is in dilapidated/ condemned condition	Sensitivit y Score	if ≤5% of Structure >5 to 10% of Structure >10-20% of Structure ≥20% of structureis made of light materials	Sensitivity Score	Before 1972, Between 1972-1992, 1992-2012, 2012 and above(year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
San Juan (B)	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2
San Juan (B)	good	2	5 - 10%	4	0.00%	1	1972-1992	1	Yes	1	2

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY STORM SURGE SENSITIVITY

					SENS	SITIVITY					
BARANGAY	Existing	condition	Proportion of the struc dilapidated/ condemned cond		Proportion of struct of light mate		Year construct	ed		g Resilient g Design Sensitivity Score 1 1 1 1 1	Average Sensitivity Score
	excellent, good, fair, poor	Sensitivity Score	if ≤5% of structure, >5 to 10% of structure, >10-20% of structure, ≥20% of structure is in dilapidated/ condemned condition	Sensitivity Score	if ≤5% of Structure >5 to 10% of Structure >10-20% of Structure ≥20% of structureis made of light materials	Sensitivity Score	Before 1972, Between 1972-1992, 1992-2012, 2012 and above(year ranges can be adjusted)	Sensitivity Score	Yes or No		Rounded up average sensitivity score
Abuyog	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Abuyog	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Abuyog	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Abuyog	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Abuyog	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Almendras - Cogon	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sawanaa	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2

					SENS	SITIVITY					
BARANGAY	Existing (condition	Proportion of the struc dilapidated/ condemned cond		Proportion of struc of light mate		Year construct	ed		g Resilient g Design	Average Sensitivity Score
	excellent, good, fair, poor	Sensitivity Score	if ≤5% of structure, >5 to 10% of structure, >10-20% of structure, ≥20% of structure is in dilapidated/ condemned condition	Sensitivity Score	if ≤5% of Structure >5 to 10% of Structure >10-20% of Structure ≥20% of structureis made of light materials	Sensitivity Score	Before 1972, Between 1972-1992, 1992-2012, 2012 and above(year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Balogo (B)	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Balogo (B)	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Balogo (B)	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Balogo (B)	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bato	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bitan-o	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bitan-o	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bitan-o	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bitan-o	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bon-ot	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Buhatan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Buhatan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Buhatan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Buhatan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Cabid-an	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Cabid-an	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Cabid-an	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Cabid-an	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Cambulaga	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Capuy	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Del Rosario	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gatbo	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gatbo	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gatbo	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gatbo	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gimaloto	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gimaloto	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gimaloto	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gimaloto	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Pamurayan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Pamurayan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Pamurayan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Piot	good	2	5-10%	4	0.00%	1	1992-2012	<u>·</u> 1	yes	1	2
Piot	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Piot	good	2	5-10%	4	0.00%	1	1992-2012	 1	yes	1	2

					SENS	SITIVITY					
BARANGAY	Existing (condition	Proportion of the structure dilapidated/ condemned cond		Proportion of structor of light mate		Year construct	ed		g Resilient g Design	Average Sensitivity Score
	excellent, good, fair, poor	Sensitivity Score	if ≤5% of structure, >5 to 10% of structure, >10-20% of structure, ≥20% of structure is in dilapidated/ condemned condition	Sensitivity Score	if ≤5% of Structure >5 to 10% of Structure >10-20% of Structure ≥20% of structureis made of light materials	Sensitivity Score	Before 1972, Between 1972-1992, 1992-2012, 2012 and above(year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Piot	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Piot	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Poblacion	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Poblacion	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Poblacion	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Poblacion	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Poblacion	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Poblacion	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Polvorista	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Salog	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Salog	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Salog	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sampaloc	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sampaloc	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sampaloc	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sampaloc	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sawanga	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sirangan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sirangan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sirangan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sirangan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sirangan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sugod	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sugod	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sugod	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sugod	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sulucan	good	2	5-10%	4	0.00%	1	1992-2012	 1	yes	1	2
Sulucan	good	2	5-10%	4	0.00%	1	1992-2012	 1	yes	1	2
Sulucan	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Talisay	good	2	5-10%	4	0.00%	1	1992-2012	<u>·</u> 1	yes	1	2
Talisay	good	2	5-10%	4	0.00%	1	1992-2012	 1	yes	1	2
Talisay	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Talisay	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Talisay	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Talisay	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2

					SENS	SITIVITY					
BARANGAY	Existing	condition	Proportion of the struc dilapidated/ condemned cond		Proportion of structor of light mate		Year construct	ed		g Resilient g Design	Average Sensitivity Score
	excellent, good, fair, poor	Sensitivity Score	if ≤5% of structure, >5 to 10% of structure, >10-20% of structure, ≥20% of structure is in dilapidated/ condemned condition	Sensitivity Score	if ≤5% of Structure >5 to 10% of Structure >10-20% of Structure ≥20% of structureis made of light materials	Sensitivity Score	Before 1972, Between 1972-1992, 1992-2012, 2012 and above(year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Salog	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bato	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Buenavista (B)	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Rizal	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Osiao	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **TSUNAMI SENSITIVITY**

					SENSITIVITY						
Name of Facility	Existing	condition	Proportion of the structure in di condemned conditio	-	Proportion of structure light materials		Year const	ructed		g Resilient Design	Average Sensitivity Score
	excellent, good, fair, poor	Sensitivity Score	if ≤5% of structure, >5 to 10% of structure, >10-20% of structure, ≥20% of structure is in dilapidated/ condemned condition	Sensitivity Score	if ≤5% of Structure >5 to 10% of Structure >10-20% of Structure ≥20% of structureis made of light materials	Sensitivity Score	Before 1972, Between 1972-1992, 1992- 2012, 2012 and above(year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Sawanga National High School	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Balogo, Bacon Brgy. Hall	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Balogo Elementary School (Bacon)	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Balogo, Bacon Health Center	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Balogo (Bacon) Daycare Center	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bato Brgy. Hall	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bato Elementary School	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bato Health Center	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bon-ot Elementary School	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2

					SENSITIVITY						
Name of Facility	Existing	condition	Proportion of the structure in di condemned condition		Proportion of structure light materials		Year const	ructed		g Resilient Design	Average Sensitivity Score
	excellent, good, fair, poor	Sensitivity Score	if ≤5% of structure, >5 to 10% of structure, >10-20% of structure, ≥20% of structure is in dilapidated/ condemned condition	Sensitivity Score	if ≤5% of Structure >5 to 10% of Structure >10-20% of Structure ≥20% of structureis made of light materials	Sensitivity Score	Before 1972, Between 1972-1992, 1992- 2012, 2012 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Buenavista National High School	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Buenavista Elementary School	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Caricaran Brgy. Hall	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Del Rosario Elementary School	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gatbo Elementary School	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gatbo Brgy. Hall	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gatbo Health Center	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gatbo Daycare Center	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Gatbo National High School	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Immaculate Heart of Mary School	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bacon East Central school	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Bacon Police Station	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Rural Health Unit	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Poblacion, Bacon Brgy. Hall	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
BFP Bacon Station	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Rawis Health Center	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
San Juan, Bacon Health Center	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Sawanga Elementary School	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Rawis Elementary School	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2
Osiao National High School	good	2	5-10%	4	0.00%	1	1992-2012	1	yes	1	2

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY FLOOD ADOPTIVE CAPACITY

						AD	APTIVE CAPAC	ITY					
	Percentage of with no acc coverage infrastructure mitigation n	ess/area ge to e related	willing	city and gness to or relocate	Insurance (Coverage	Govern Investn		Available Alte Sites/Struc		Regulo hazard zoni structu	ernment ations on mitigation ng and ral design ndards	Average Adaptive Capacity Score
Barangay	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Availability of land/alternative sites (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score
Abuyog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Abuyog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Abuyog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Abuyog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Abuyog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Almendras - Cogon	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Almendras - Cogon	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Balete	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Balete	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Balete	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Balete	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Balogo	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Balogo (B)	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Balogo (B)	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Balogo (B)	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Balogo (B)	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Balogo (B)	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2

						AD	APTIVE CAPAC	ITY					
	Percentage of with no according coverage infrastructure mitigation n	ess/area ge to e related	willing	city and gness to or relocate	Insurance (Coverage	Govern Investm		Available Alte Sites/Struc		Regula hazard zoni structu	ernment ations on mitigation ng and ral design ndards	Average Adaptive Capacity Score
Barangay	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Availability of land/alternative sites (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score
Basud	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Basud	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Basud	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Basud	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Basud	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Bato	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Bitan-o	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Bitan-o	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Bitan-o	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Bitan-o	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Bon-ot	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Bucalbucalan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Bucalbucalan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Buenavista	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Buenavista	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Buenavista	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Buenavista (B)	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2
Buenavista (B)	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2
Buhatan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Buhatan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Buhatan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2

						AD	APTIVE CAPAC	ITY					
	Percentage of with no acc coverage infrastructure mitigation n	ess/area ge to e related	willing	city and gness to or relocate	Insurance (Coverage	Govern Investm		Available Alte Sites/Struc		Regula hazard zoni structu	ernment ations on mitigation ng and ral design ndards	Average Adaptive Capacity Score
Barangay	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Availability of land/alternative sites (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score
Buhatan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Burabod	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Burabod	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Cabid-an	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Cambulaga	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Cambulaga	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Capuy	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Capuy	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Capuy	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Capuy	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Del Rosario	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Del Rosario	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Gatbo	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Gatbo	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Gatbo	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Gatbo	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Gatbo	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Gimaloto	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Gimaloto	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Gimaloto	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Gimaloto	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2

						AD	APTIVE CAPAC	ITY					
	Percentage of with no according coverage infrastructure mitigation n	ess/area ge to e related	willing	city and gness to or relocate	Insurance (Coverage	Govern Investn		Available Alte Sites/Struc		Regula hazard zoni structu	ernment ations on mitigation ng and ral design ndards	Average Adaptive Capacity Score
Barangay	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Availability of land/alternative sites (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score
Pamurayan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Pamurayan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Penafrancia	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Piot	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Piot	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Piot	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Piot	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Piot	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Poblacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Poblacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Poblacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Poblacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Poblacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Poblacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Polvorista	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Rawis	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Rawis	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Rawis	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Rawis	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Rawis	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Rizal	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2

						AD	APTIVE CAPAC	ITY					
	Percentage of with no according coverage infrastructure mitigation m	ess/area ge to e related	willing	city and gness to or relocate	Insurance (Coverage	Govern Investm		Available Alte Sites/Struc		Regula hazard zoni structu	ernment ations on mitigation ng and ral design ndards	Average Adaptive Capacity Score
Barangay	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Availability of land/alternative sites (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score
Rizal	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Rizal	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Salog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Salog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Salog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Salvacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Sampaloc	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Sampaloc	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Sampaloc	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
San Isidro	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
San Juan (B)	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
San Juan (Roro)	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
San Juan (Roro)	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Sawanga	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Sirangan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Sugod	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Sugod	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Sugod	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Sulucan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Ticol	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Ticol	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2

						AD	APTIVE CAPAC	ITY					
	Percentage of with no acc coverage infrastructure mitigation n	ess/area ge to e related	willing	city and gness to or relocate	Insurance (Coverage	Govern Investn		Available Alte Sites/Struct		Regula hazard zonii structui	ernment ations on mitigation ng and ral design adards	Average Adaptive Capacity Score
Barangay	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Availability of land/alternative sites (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score
Ticol	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Ticol	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Ticol	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Tugos	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Tugos	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Tugos	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2
Tugos	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2
Tugos	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE ADOPTIVE CAPACITY

						A	ADAPTIVE CA	PACITY						Hazard Exposure Score
Barangay	with no coverage	age of structures o access/area e to infrastructure itigation measures	Capacit willingn retrofit or r	ess to	Insurc Cove			rnment tments	Available All Sites/Struc		Governm Regulations o mitigation zon structural c standar	n hazard ning and design	Average Adaptive Capacity Score	
	Est. percent age covered by infrastru cture- related measure s	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adapti ve Capac ity Score	Est. percent age of property covered by insuranc e	Adapti ve Capaci ty Score	Capacity of governm ent to make investme nts in CCA-DRR (low, moderat e, high, very high)	Adaptive Capacity Score	Availability of land/alterna tive sites (low, moderate, high, very high)	Adapti ve Capaci ty Score	see Scoring tab (A, B, C, D)	Adapti ve Capaci ty Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Bato	0.00%	1	Α	4	100.00%	4	high	3	moderate	2	В	3	2	2.64
Bon-ot	0.00%	1	Α	4	100.00%	4	high	3	moderate	2	В	3	2	2.64
Buenavista (B)	0.00%	1	А	4	100.00%	4	high	3	moderate	2	В	3	2	2.64
Buhatan	0.00%	1	Α	4	100.00%	4	high	3	moderate	2	В	3	2	2.64
Osiao	0.00%	1	Α	4	100.00%	4	high	3	moderate	2	В	3	2	2.64
Osiao	0.00%	1	Α	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
Panlayaan	0.00%	1	Α	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
Panlayaan	0.00%	11	Α	4	100.00%	4	high	3	moderate	2	В	3	2	2.64
Panlayaan	0.00%	1	Α	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
Panlayaan	0.00%	1	Α	4	100.00%	4	high	3	moderate	2	В	3	2	2.64
Salvacion	0.00%	1	A	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
Salvacion	0.00%	1	A	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
Salvacion	0.00%	1	A	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
Salvacion	0.00%	1	A	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
Salvacion	0.00%		A	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
San Isidro	0.00%	<u> </u>	A	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
San Isidro San Isidro	0.00%	l ,	A	4	100.00%	4	high high	3	moderate moderate	2	B B	3	2 2	1.32

San Isidro	0.00%	1	Α	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
San Isidro	0.00%	1	Α	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
San Juan (B)	0.00%	1	Α	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
San Juan (B)	0.00%	1	А	4	100.00%	4	high	3	moderate	2	В	3	2	1.32
San Juan (B)														

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY STORM SURGE ADOPTIVE CAPACITY

							ADAPTIVE CAP	ACITY						Hazard Exposure Score
BARANGAY	Percenta structures v access/c coverag infrastructure mitigation m	with no area le to e related	Capacit willingness or relo	to retrofit	Insurc Cove		Governm Investme		Available Alt Sites/Struc		Governi Regulations of mitigation zo structural of standa	on hazard oning and design	Average Adaptive Capacity Score	
	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Availability of land/alternative sites (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Abuyog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Abuyog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Abuyog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Abuyog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Abuyog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Almendras - Cogon	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Sawanga	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Balogo (B)	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Balogo (B)	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Balogo (B)	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Balogo (B)	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Bato	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Bitan-o	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Bitan-o	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Bitan-o	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Bitan-o	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Bon-ot	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Buhatan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Buhatan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Buhatan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Buhatan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Cabid-an	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Cabid-an	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Cabid-an	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Cabid-an	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Cambulaga	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Capuy	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Del Rosario	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Gatbo	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4

							ADAPTIVE CAP	ACITY						Hazard Exposure Score
BARANGAY	Percenta structures v access/o coverag infrastructure mitigation m	with no area le to e related	Capacit willingness or relo	to retrofit	Insurance Coverage		Governm Investme		Available Alt Sites/Struc		Governi Regulations of mitigation zo structural standa	on hazard oning and design	Average Adaptive Capacity Score	
	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Availability of land/alternative sites (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Gatbo	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Gatbo	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Gatbo	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Gimaloto	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Gimaloto	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Gimaloto	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Gimaloto	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Pamurayan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Pamurayan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Pamurayan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Piot	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Piot	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Piot	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Piot	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Piot	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Poblacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Poblacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Poblacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Poblacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Poblacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Poblacion	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Polvorista	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Salog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Salog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Salog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Sampaloc	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sampaloc	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sampaloc	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sampaloc	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sawanga	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4

							ADAPTIVE CAP	ACITY						Hazard Exposure Score
BARANGAY	Percenta structures v access/o coverag infrastructure mitigation m	vith no area e to e related	Capacit willingness or relo	to retrofit	Insurance Coverage		Governm Investme	~	Available Alt Sites/Struc		Governr Regulations o mitigation zo structural o standa	n hazard ning and design	Average Adaptive Capacity Score	
	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	Availability of land/alternative sites (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Sirangan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sirangan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sirangan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sirangan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sirangan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sugod	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sugod	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sugod	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sugod	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sulucan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sulucan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Sulucan	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Talisay	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Talisay	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Talisay	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Talisay	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Talisay	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Talisay	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Salog	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	2.64
Bato	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Buenavista (B)	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2	4
Rizal	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	1.32
Osiao	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **TSUNAMI ADOPTIVE CAPACITY**

						ADAPTI	E CAPACITY							Hazard Exposure Score
Name of Facility	access/a	of structures with no rea coverage to e related mitigation reasures	Capacity and willingness to retrofit or relocate		Insurc Cove		Governn Investm		Availa Alterno Sites/Stru	itive	Goverr Regulati hazard m zoning structural stand	ons on itigation and design	Average Adaptive Capacity Score	
	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptiv e Capacit y Score	Availability of land/alternativ e sites (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Sawanga National High School	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2	4
Balogo, Bacon Brgy. Hall	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2	4
Balogo Elementary School (Bacon)	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2	4
Balogo, Bacon Health Center	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Balogo (Bacon) Daycare Center	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2	4
Bato Brgy. Hall	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Bato Elementary School	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Bato Health Center	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Bon-ot Elementary School	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2	4
Buenavista National High School	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2	4
Buenavista Elementary School	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2	4
Caricaran Brgy. Hall	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Del Rosario Elementary School	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2	4

						ADAPTIV	E CAPACITY							Hazard Exposure Score
Name of Facility	access/a	of structures with no rea coverage to e related mitigation leasures	willing retro	Capacity and willingness to retrofit or relocate		Insurance Coverage		nent ents	Availa Alterno Sites/Stru	ıtive	Govern Regulati hazard m zoning structura stand	ons on itigation gand I design	Average Adaptive Capacity Score	
	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptiv e Capacit y Score	Availability of land/alternativ e sites (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Gatbo Elementary School	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2	4
Gatbo Brgy. Hall	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Gatbo Health Center	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Gatbo Daycare Center	0.00%	1	А	4	100.00%	4	high	3	low	1	В	3	2	4
Gatbo National High School	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Immaculate Heart of Mary School	0.00%	1	A	4	100.00%	4	high	3	low	1	В	3	2	4
Bacon East Central school	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Bacon Police Station	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Rural Health Unit	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Poblacion, Bacon Brgy. Hall	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
BFP Bacon Station	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Rawis Health Center	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
San Juan, Bacon Health Center	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Sawanga Elementary School	0.00%	1	A	4	100.00%	4	high	3	low	1	В	3	2	4

						ADAPTIV	/E CAPACITY							Hazard Exposure Score
Name of Facility	Percentage of structures with no access/area coverage to infrastructure related mitigation measures		willing retro	ity and ness to fit or cate	Insurc Cove		Governn Investm		Availo Alterno Sites/Stru	ative	Government Regulations on hazard mitigation zoning and structural design standards		Average Adaptive Capacity Score	
	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptiv e Capacit y Score	Availability of land/alternativ e sites (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Rawis Elementary School	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4
Osiao National High School	0.00%	1	Α	4	100.00%	4	high	3	low	1	В	3	2	4

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **FLOOD VULNERABILTY**

	Hazard	VULNER	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Exposure Score	Vulnerability Index	Vulnerability Score			
Barangay	Magnitude Score multiply to Exposure Score	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Exposure Score plus Vulnerability Score divided by 2	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Abuyog	1.32	1	0.50	1.00	6.00	moderate
Abuyog	2.64	1	0.50	2.00	12.00	moderate
Abuyog	1.32	1	0.50	1.00	6.00	moderate
Abuyog	1.32	1	0.50	1.00	6.00	moderate
Abuyog	1.32	1	0.50	1.00	6.00	moderate
Almendras - Cogon	1.32	1	0.50	1.00	6.00	moderate
Almendras - Cogon	1.32	1	0.50	1.00	6.00	moderate

	Hazard	VULNEI	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Exposure Score	Vulnerability Index	Vulnerability Score			
Barangay	Magnitude Score multiply to Exposure Score	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Exposure Score plus Vulnerability Score divided by 2	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Balete	2.64	1	0.50	2.00	12.00	moderate
Balete	2.64	1	0.50	2.00	12.00	moderate
Balete	2.64	1	0.50	2.00	12.00	moderate
Balete	1.32	1	0.50	1.00	6.00	moderate
Balogo	2.64	1	0.50	2.00	12.00	moderate
Balogo (B)	2.64	1	0.50	2.00	12.00	moderate
Balogo (B)	1.32	1	0.50	1.00	6.00	moderate
Balogo (B)	1.32	1	0.50	1.00	6.00	moderate
Balogo (B)	1.32	1	0.50	1.00	6.00	moderate
Balogo (B)	1.32	1	0.50	1.00	6.00	moderate
Basud	1.32	1	0.50	1.00	6.00	moderate
Basud	1.32	1	0.50	1.00	6.00	moderate
Basud	1.32	1	0.50	1.00	6.00	moderate
Basud	1.32	1	0.50	1.00	6.00	moderate
Basud	1.32	1	0.50	1.00	6.00	moderate
Bato	1.32	1	0.50	1.00	6.00	moderate
Bitan-o	2.64	1	0.50	2.00	12.00	moderate
Bitan-o	2.64	1	0.50	2.00	12.00	moderate
Bitan-o	2.64	1	0.50	2.00	12.00	moderate
Bitan-o	2.64	1	0.50	2.00	12.00	moderate
Bon-ot	2.64	1	0.50	2.00	12.00	moderate
Bucalbucalan	1.32	1	0.50	1.00	6.00	moderate
Bucalbucalan	1.32	1	0.50	1.00	6.00	moderate
Buenavista	2.64	1	0.50	2.00	12.00	moderate
Buenavista	2.64	1	0.50	2.00	12.00	moderate

	Hazard	VULNEI	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Exposure Score	Vulnerability Index	Vulnerability Score			
Barangay	Magnitude Score multiply to Exposure Score	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Exposure Score plus Vulnerability Score divided by 2	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Buenavista	2.64	1	0.50	2.00	12.00	moderate
Buenavista (B)	2.64	1	0.50	2.00	12.00	moderate
Buenavista (B)	2.64	1	0.50	2.00	12.00	moderate
Buhatan	1.32	1	0.50	1.00	6.00	moderate
Buhatan	1.32	1	0.50	1.00	6.00	moderate
Buhatan	1.32	1	0.50	1.00	6.00	moderate
Buhatan	1.32	1	0.50	1.00	6.00	moderate
Burabod	2.64	1	0.50	2.00	12.00	moderate
Burabod	1.32	1	0.50	1.00	6.00	moderate
Cabid-an	2.64	1	0.50	2.00	12.00	moderate
Cambulaga	1.32	1	0.50	1.00	6.00	moderate
Cambulaga	1.32	1	0.50	1.00	6.00	moderate
Сариу	2.64	1	0.50	2.00	12.00	moderate
Capuy	2.64	1	0.50	2.00	12.00	moderate
Сариу	1.32	1	0.50	1.00	6.00	moderate
Capuy	1.32	1	0.50	1.00	6.00	moderate
Del Rosario	1.32	1	0.50	1.00	6.00	moderate
Del Rosario	2.64	1	0.50	2.00	12.00	moderate
Gatbo	1.32	1	0.50	1.00	6.00	moderate
Gatbo	1.32	1	0.50	1.00	6.00	moderate
Gatbo	1.32	1	0.50	1.00	6.00	moderate
Gatbo	1.32	1	0.50	1.00	6.00	moderate
Gatbo	1.32	1	0.50	1.00	6.00	moderate
Gimaloto	2.64	1	0.50	2.00	12.00	moderate
Gimaloto	2.64	1	0.50	2.00	12.00	moderate

	Hazard	VULNEI	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Exposure Score	Vulnerability Index	Vulnerability Score			
Barangay	Magnitude Score multiply to Exposure Score	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Exposure Score plus Vulnerability Score divided by 2	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Gimaloto	2.64	1	0.50	2.00	12.00	moderate
Gimaloto	2.64	1	0.50	2.00	12.00	moderate
Pamurayan	2.64	1	0.50	2.00	12.00	moderate
Pamurayan	2.64	1	0.50	2.00	12.00	moderate
Penafrancia	1.32	1	0.50	1.00	6.00	moderate
Piot	1.32	1	0.50	1.00	6.00	moderate
Piot	1.32	1	0.50	1.00	6.00	moderate
Piot	1.32	1	0.50	1.00	6.00	moderate
Piot	1.32	1	0.50	1.00	6.00	moderate
Piot	1.32	1	0.50	1.00	6.00	moderate
Poblacion	1.32	1	0.50	1.00	6.00	moderate
Poblacion	2.64	1	0.50	2.00	12.00	moderate
Poblacion	1.32	1	0.50	1.00	6.00	moderate
Poblacion	1.32	1	0.50	1.00	6.00	moderate
Poblacion	1.32	1	0.50	1.00	6.00	moderate
Poblacion	1.32	1	0.50	1.00	6.00	moderate
Polvorista	1.32	1	0.50	1.00	6.00	moderate
Rawis	1.32	1	0.50	1.00	6.00	moderate
Rawis	1.32	1	0.50	1.00	6.00	moderate
Rawis	1.32	1	0.50	1.00	6.00	moderate
Rawis	1.32	1	0.50	1.00	6.00	moderate
Rawis	1.32	1	0.50	1.00	6.00	moderate
Rizal	1.32	1	0.50	1.00	6.00	moderate
Rizal	1.32	1	0.50	1.00	6.00	moderate
Rizal	2.64	1	0.50	2.00	12.00	moderate

	Hazard	VULNEI	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Exposure Score	Vulnerability Index	Vulnerability Score			
Barangay	Magnitude Score multiply to Exposure Score	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Exposure Score plus Vulnerability Score divided by 2	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Salog	1.32	1	0.50	1.00	6.00	moderate
Salog	1.32	1	0.50	1.00	6.00	moderate
Salog	1.32	1	0.50	1.00	6.00	moderate
Salvacion	1.32	1	0.50	1.00	6.00	moderate
Sampaloc	1.32	1	0.50	1.00	6.00	moderate
Sampaloc	1.32	1	0.50	1.00	6.00	moderate
Sampaloc	1.32	1	0.50	1.00	6.00	moderate
San Isidro	1.32	1	0.50	1.00	6.00	moderate
San Juan (B)	1.32	1	0.50	1.00	6.00	moderate
San Juan (Roro)	1.32	1	0.50	1.00	6.00	moderate
San Juan (Roro)	1.32	1	0.50	1.00	6.00	moderate
Sawanga	2.64	1	0.50	2.00	12.00	moderate
Sirangan	1.32	1	0.50	1.00	6.00	moderate
Sugod	1.32	1	0.50	1.00	6.00	moderate
Sugod	1.32	1	0.50	1.00	6.00	moderate
Sugod	1.32	1	0.50	1.00	6.00	moderate
Sulucan	1.32	1	0.50	1.00	6.00	moderate
Ticol	1.32	1	0.50	1.00	6.00	moderate
Ticol	1.32	1	0.50	1.00	6.00	moderate
Ticol	1.32	1	0.50	1.00	6.00	moderate
Ticol	1.32	1	0.50	1.00	6.00	moderate
Ticol	1.32	1	0.50	1.00	6.00	moderate
Tugos	1.32	1	0.50	1.00	6.00	moderate
Tugos	1.32	1	0.50	1.00	6.00	moderate
Tugos	1.32	1	0.50	1.00	6.00	moderate

	Hazard	VULNER	ABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Exposure Score	Vulnerability Index	Vulnerability Score			
Barangay	Magnitude Score multiply to Exposure Score	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Exposure Score plus Vulnerability Score divided by 2	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Tugos	1.32	1	0.50	1.00	6.00	moderate
Tugos	1.32	1	0.50	1.00	6.00	moderate

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE VULNERABILTY

Barangay	VULNERABILITY		Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Exposure Score plus Vulnerability Score divided by 2	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Bato	1	0.50	2.00	8.00	moderate
Bon-ot	1	0.50	2.00	8.00	moderate
Buenavista (B)	1	0.50	2.00	8.00	moderate
Buhatan	1	0.50	2.00	8.00	moderate
Osiao	1	0.50	2.00	8.00	moderate
Osiao	1	0.50	1.00	4.00	low
Panlayaan	1	0.50	1.00	4.00	low
Panlayaan	1	0.50	2.00	8.00	moderate
Panlayaan	1	0.50	1.00	4.00	low
Panlayaan	1	0.50	2.00	8.00	moderate
Salvacion	1	0.50	1.00	4.00	low
Salvacion	1	0.50	1.00	4.00	low
Salvacion	1	0.50	1.00	4.00	low
Salvacion	1	0.50	1.00	4.00	low
Salvacion	1	0.50	1.00	4.00	low
San Isidro	1	0.50	1.00	4.00	low
San Isidro	1	0.50	1.00	4.00	low
San Isidro	1	0.50	1.00	4.00	low

San Isidro	1	0.50	1.00	4.00	low
San Isidro	1	0.50	1.00	4.00	low
San Juan (B)	1	0.50	1.00	4.00	low
San Juan (B)	1	0.50	1.00	4.00	low

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY STORM SURGE VULNERABILTY

BARANGAY	VULNERABILITY		Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Exposure Score plus Vulnerability Score divided by 2	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Abuyog	1	0.50	1.00	5.00	moderate
Abuyog	1	0.50	1.00	5.00	moderate
Abuyog	1	0.50	1.00	5.00	moderate
Abuyog	1	0.50	1.00	5.00	moderate
Abuyog	1	0.50	1.00	5.00	moderate
Almendras - Cogon	1	0.50	1.00	5.00	moderate
Sawanga	1	0.50	2.00	10.00	moderate
Balogo (B)	1	0.50	2.00	10.00	moderate
Balogo (B)	1	0.50	2.00	10.00	moderate
Balogo (B)	1	0.50	2.00	10.00	moderate
Balogo (B)	1	0.50	2.00	10.00	moderate
Bato	1	0.50	1.00	5.00	moderate
Bitan-o	1	0.50	2.00	10.00	moderate
Bitan-o	1	0.50	2.00	10.00	moderate

BARANGAY	VULNERABILITY		Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			,
	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Exposure Score plus Vulnerability Score divided by 2	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Bitan-o	1	0.50	2.00	10.00	moderate
Bitan-o	1	0.50	2.00	10.00	moderate
Bon-ot	1	0.50	2.00	10.00	moderate
Buhatan	1	0.50	2.00	10.00	moderate
Buhatan	1	0.50	2.00	10.00	moderate
Buhatan	1	0.50	2.00	10.00	moderate
Buhatan	1	0.50	2.00	10.00	moderate
Cabid-an	1	0.50	1.00	5.00	moderate
Cabid-an	1	0.50	1.00	5.00	moderate
Cabid-an	1	0.50	1.00	5.00	moderate
Cabid-an	1	0.50	1.00	5.00	moderate
Cambulaga	1	0.50	2.00	10.00	moderate
Capuy	1	0.50	1.00	5.00	moderate
Del Rosario	1	0.50	2.00	10.00	moderate
Gatbo	1	0.50	2.00	10.00	moderate
Gatbo	1	0.50	2.00	10.00	moderate
Gatbo	1	0.50	2.00	10.00	moderate
Gatbo	1	0.50	2.00	10.00	moderate
Gimaloto	1	0.50	2.00	10.00	moderate
Gimaloto	1	0.50	2.00	10.00	moderate
Gimaloto	1	0.50	2.00	10.00	moderate
Gimaloto	1	0.50	2.00	10.00	moderate
Pamurayan	1	0.50	1.00	5.00	moderate
Pamurayan	1	0.50	1.00	5.00	moderate
Pamurayan	1	0.50	1.00	5.00	moderate
Piot	1	0.50	1.00	5.00	moderate
Piot	1	0.50	1.00	5.00	moderate
Piot	1	0.50	1.00	5.00	moderate
Piot	1	0.50	1.00	5.00	moderate
Piot	1	0.50	1.00	5.00	moderate
Poblacion	1	0.50	1.00	5.00	moderate
Poblacion	1	0.50	2.00	10.00	moderate
Poblacion	1	0.50	2.00	10.00	moderate
Poblacion	1	0.50	2.00	10.00	moderate

BARANGAY		VULNERABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			.
	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Exposure Score plus Vulnerability Score divided by 2	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Poblacion	1	0.50	2.00	10.00	moderate
Poblacion	1	0.50	2.00	10.00	moderate
Polvorista	1	0.50	1.00	5.00	moderate
Salog	1	0.50	1.00	5.00	moderate
Salog	1	0.50	1.00	5.00	moderate
Salog	1	0.50	1.00	5.00	moderate
Sampaloc	1	0.50	2.00	10.00	moderate
Sampaloc	1	0.50	2.00	10.00	moderate
Sampaloc	1	0.50	2.00	10.00	moderate
Sampaloc	1	0.50	2.00	10.00	moderate
Sawanga	1	0.50	2.00	10.00	moderate
Sirangan	1	0.50	2.00	10.00	moderate
Sirangan	1	0.50	2.00	10.00	moderate
Sirangan	1	0.50	2.00	10.00	moderate
Sirangan	1	0.50	2.00	10.00	moderate
Sirangan	1	0.50	2.00	10.00	moderate
Sugod	1	0.50	2.00	10.00	moderate
Sugod	1	0.50	2.00	10.00	moderate
Sugod	1	0.50	2.00	10.00	moderate
Sugod	1	0.50	2.00	10.00	moderate
Sulucan	1	0.50	2.00	10.00	moderate
Sulucan	1	0.50	2.00	10.00	moderate
Sulucan	1	0.50	2.00	10.00	moderate
Talisay	1	0.50	2.00	10.00	moderate
Talisay	1	0.50	2.00	10.00	moderate
Talisay	1	0.50	2.00	10.00	moderate
Talisay	1	0.50	2.00	10.00	moderate
Talisay	1	0.50	2.00	10.00	moderate
Talisay	1	0.50	2.00	10.00	moderate
Salog	1	0.50	2.00	10.00	moderate
Bato	1	0.50	2.00	10.00	moderate
Buenavista (B)	1	0.50	2.00	10.00	moderate
Rizal	1	0.50	1.00	5.00	moderate
Osiao	1	0.50	2.00	10.00	moderate

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **TSUNAMI VULNERABILTY**

Name of Facility		VULNERABILITY	Severity of Consequence Score	Risk Score	Risk Category
,	Vulnerability Index	Vulnerability Score			
	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Exposure Score plus Vulnerability Score divided by 2	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Sawanga National High School	1	0.50	2.00	6.00	moderate
Balogo, Bacon Brgy. Hall	1	0.50	2.00	6.00	moderate
Balogo Elementary School (Bacon)	1	0.50	2.00	6.00	moderate
Balogo, Bacon Health Center	1	0.50	2.00	6.00	moderate
Balogo (Bacon) Daycare Center	1	0.50	2.00	6.00	moderate
Bato Brgy. Hall	1	0.50	2.00	6.00	moderate
Bato Elementary School	1	0.50	2.00	6.00	moderate
Bato Health Center	1	0.50	2.00	6.00	moderate
Bon-ot Elementary School	1	0.50	2.00	6.00	moderate
Buenavista National High School	1	0.50	2.00	6.00	moderate
Buenavista Elementary School	1	0.50	2.00	6.00	moderate
Caricaran Brgy. Hall	1	0.50	2.00	6.00	moderate
Del Rosario Elementary School	1	0.50	2.00	6.00	moderate
Gatbo Elementary School	1	0.50	2.00	6.00	moderate
Gatbo Brgy. Hall	1	0.50	2.00	6.00	moderate
Gatbo Health Center	1	0.50	2.00	6.00	moderate
Gatbo Daycare Center	1	0.50	2.00	6.00	moderate
Gatbo National High School	1	0.50	2.00	6.00	moderate
Immaculate Heart of Mary School	1	0.50	2.00	6.00	moderate
Bacon East Central school	1	0.50	2.00	6.00	moderate
Bacon Police Station	1	0.50	2.00	6.00	moderate
Rural Health Unit	1	0.50	2.00	6.00	moderate
Poblacion, Bacon Brgy. Hall	1	0.50	2.00	6.00	moderate
BFP Bacon Station	1	0.50	2.00	6.00	moderate
Rawis Health Center	1	0.50	2.00	6.00	moderate
San Juan, Bacon Health Center	1	0.50	2.00	6.00	moderate
Sawanga Elementary School	1	0.50	2.00	6.00	moderate
Rawis Elementary School	1	0.50	2.00	6.00	moderate
Osiao National High School	1	0.50	2.00	6.00	moderate

2. Roads

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY FLOOD HAZARD AND EXPOSURE

	IDEN	ITIFICATION		HAZA	ARD					EX	(POSURE			
	Classification		Flood Susceptibility	Likelihood of Occurrence Score	Expected Flood Depth	Magnitude Score	Total Length (m)	Affected Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replacement/ Construction Cost	Affected Value	Exposure Score for Affected Value	Average Exposure Score
Barangay Name	National, Provincial, Municipal or Barangay	Name of Street (if any)	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for moderate and Low ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived)	Affected length of road (GIS derived)	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Construction Cost per meter (optional)	Affeted Length x construction cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposure scores divided by 2 (optional)
San Roque	NATIONAL	Sorsogon-Bacon Rd	Low	2	≤1m	0.33	2063	242.00	11.73%	2	15,000	3,630,000	3	2.5
	PROVINCIAL	Batuhan-San Isidro -Buhtan Rd	Low	2	≤lm	0.33	1312.00	740.00	56.40%	4	10,000	7,400,000	3	3.5
Balete	NATIONAL	Sorsogon-Bacon Rd	Low	2	≤1m	0.33	1289.00	1289.00	100.00%	4	15,000	19,335,000	3	3.5
	BARANGAY	Balete- Cabarbuhan Road	Low	2	≤1m	0.33	1168.00	1168.00	100.00%	4	10,000	11,680,000	3	3.5
San Jose- Maricrum	BARANGAY	San Roque- Maricrum Road	Low	3	≤1m	0.33	1885.00	54.00	2.86%	1	10,000	540,000	1	1
Salvacion (Bacon)	NATIONAL	Bacon-Prieto Diaz Road	Low	1	≤1m	0.33	2193.00	117.00	5.34%	1	15,000	1,755,000	2	1.5
San Ramon	PROVINCIAL	Batuhan - San- Isidro - Buhatan Road	Low	1	≤lm	0.33	1111.00	96.00	8.64%	1	10,000	960,000	1	1
Bogña	NATIONAL	Batuhan - San- Isidro - Buhatan Road	Low	1	≤lm	0.33	1916.00	104.00	5.43%	1	15,000	1,560,000	2	1.5
San Pascual	BARANGAY	Bancal - San Pascual Road	Low	1	≤1m	0.33	1305.00	204.00	15.63%	2	10,000	2,040,000	3	2.5
Del Rosario	NATIONAL	Bacon-Manito Road	Low	1	≤1m	0.33	653.00	407.00	62.33%	4	15,000	6,105,000	3	3.5
Caricaran	NATIONAL	Bacon-Prieto Diaz Road	High	3	≤1m	0.66	1754.00	696.00	39.68%	3	15,000	10,440,000	3	3
Poblacion	NATIONAL	Ponco-Prieto Diaz boundary Road (Sor-Bac-Pdiaz Rd)	Moderate	2	≤lm	0.33	1991.00	1991.00	100.00%	4	15,000	29,865,000	3	3.5
	CITY	Esteban Amador St.	Moderate	2	≤1m	0.33	479.00	479.00	100.00%	4	12,000	5,748,000	3	3.5

	IDEN	ITIFICATION		HAZA	ARD					EX	(POSURE			
	Classification		Flood Susceptibility	Likelihood of Occurrence Score	Expected Flood Depth	Magnitude Score	Total Length (m)	Affected Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replacement/ Construction Cost	Affected Value	Exposure Score for Affected Value	Average Exposure Score
Barangay Name	National, Provincial, Municipal or Barangay	Name of Street (if any)	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for moderate and Low ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived)	Affected length of road (GIS derived)	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Construction Cost per meter (optional)	Affeted Length x construction cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposure scores divided by 2 (optional)
	CITY	Mariano Deocareza St.	Moderate	2	≤1m	0.33	796.00	796.00	100.00%	4	12,000	9,552,000	3	3.5
	CITY	Amado Jimenez St.	Moderate	2	≤lm	0.33	280.00	280.00	100.00%	4	12,000	3,360,000	3	3.5
	CITY	Rizal St.	Moderate	2	≤1m	0.33	390.00	390.00	100.00%	4	15,000	5,850,000	3	3.5
Rawis	NATIONAL	Bacon-Manito Road	Moderate	2	≤lm	0.33	1001.00	711.00	71.03%	4	15,000	10,665,000	3	3.5
Balogo	NATIONAL	Bacon-Prieto Diaz Road	High	3	≤1m	0.33	674.00	674.00	100.00%	4	15,000	10,110,000	3	3.5
Sawanga	NATIONAL	Bacon-Prieto Diaz Road	High	2	≤1m	0.33	1342.00	1342.00	100.00%	4	15,000	20,130,000	3	3.5
Buenavista	NATIONAL	Bacon-Prieto Diaz Road	High	2	≤1m	0.33	2423.00	2084.00	86.01%	4	15,000	31,260,000	3	3.5
Bon-ot	NATIONAL	Bacon-Prieto Diaz Road	High	2	≤1m	0.33	2268.00	1542.00	67.99%	4	15,000	23,130,000	3	3.5
Bato	NATIONAL	Bacon-Prieto Diaz Road	Moderate	1	≤1m	0.33	1699.00	1269.00	74.69%	4	15,000	19,035,000	3	3.5
Gatbo	NATIONAL	Bacon-Prieto Diaz Road	Hlgh	1	≤1m	0.33	2252.00	2252.00	100.00%	4	15,000	33,780,000	3	3.5
Sta Lucia										0			0	
Sugod	NATIONAL	Bacon-Prieto Diaz Road	Moderate	1	≤lm	0.33	2349.00	1466.00	62.41%	4	15,000	21,990,000	3	3.5
Osiao														
Sto Niño														
Cabarbuhan	BARANGAY	Balete- Cabarbuhan Road	Moderate	1	≥lm	0.66	2257.00	141.00	6.25%	1	10,000	1,410,000	2	1.5
Sta Cruz														
San Isidro (Bacon)														
San Vicente														
Jamislagan														
Sto Domingo														
San Juan														
Bibincahan	NATIONAL	Sorsogon-Bacon Road	Low	1	≤1m	0.33	3605.00	206.00	5.71%	1	15,000	3,090,000	3	2
Sampaloc	CITY	Ballesteros St.	Moderate	3	≤1m	0.66	159.00	120.00	75.47%	4	12,000	1,440,000	2	3
Sirangan	NATIONAL	Magsaysay Street (Maharlika)	Moderate	3	≥1m	0.66	139.00	139.00	100.00%	4	15,000	2,085,000	3	3.5

	IDEN	TIFICATION		HAZA	ARD					EX	(POSURE			
	Classification		Flood Susceptibility	Likelihood of Occurrence Score	Expected Flood Depth	Magnitude Score	Total Length (m)	Affected Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replacement/ Construction Cost	Affected Value	Exposure Score for Affected Value	Average Exposure Score
Barangay Name	National, Provincial, Municipal or Barangay	Name of Street (if any)	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for moderate and Low ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived)	Affected length of road (GIS derived)	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Construction Cost per meter (optional)	Affeted Length x construction cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposure scores divided by 2 (optional)
	CITY	Rizal St. Extension	Moderate	2	≤lm	0.33	164.00	69.00	42.07%	4	12,000	828,000	1	2.5
Burabod	CITY	Alegre St.	Moderate	6	≥lm	1	404.00	227.00	56.19%	4	12,000	2,724,000	3	3.5
	CITY	Peralta St.	Moderate	1	≤lm	0.33	194.00	194.00	100.00%	4	12,000	2,328,000	3	3.5
San Juan (Roro)	PROVINCIAL		Moderate	1	≤lm	0.33	1339.00	694.00	51.83%	4	15,000	10,410,000	3	3.5
Polvorista	CITY	Quezon St.	Moderate	1	≥lm	0.33	325.00	221.00	68.00%	4	12,000	2,652,000	3	3.5
	CITY	M. Santos St.	Moderate	5	≥lm	0.66	280.00	280.00	100.00%	4	12,000	3,360,000	3	3.5
Sulucan	CITY	E. Jimenez St.	Moderate	6	≥lm	1	258.00	258.00	100.00%	4	12,000	3,096,000	3	3.5
Almendras - Cogon	CITY	Eternidad St.	Moderate	1	≤lm	0.33	225.00	74.00	32.89%	3	12,000	888,000	1	2
Salog	CITY	Arellano St.	Moderate	5	≥lm	1	874.00	874.00	100.00%	4	12,000	10,488,000	3	3.5
	CITY	Alegre St.	Moderate	3	≤lm	0.66	266.00	141.00	53.01%	4	12,000	1,692,000	2	3
	CITY	S. Garcia St.	Moderate	2	≤lm	0.33	151.00	91.00	60.26%	4	12,000	1,092,000	2	3
Cabid-an	PRIVATE		Moderate	1	≤lm	0.33	770.00	740.00	96.10%	4	10,000	7,400,000	3	3.5
	BARANGAY		Moderate	1	≤lm	0.33	920.00	920.00	100.00%	4	10,000	9,200,000	3	3.5
Balogo (East)	NATIONAL	T. Diño Highway (Maharlika)	Moderate	3	≥1m	0.33	1233.00	416.00	33.74%	3	15,000	6,240,000	3	3
Marinas														
Buhatan	NATIONAL	T. Diño Highway (Maharlika)	Moderate	3	≥lm	0.33	3306.00	3306.00	100.00%	4	15,000	49,590,000	4	4
Abuyog	NATIONAL		Moderate	1	≥lm	0.33	2544.00	1663.00	65.37%	4	15,000	24,945,000	3	3.5
Capuy	NATIONAL	Maharlika Highway	Moderate	1	≥lm	0.33	1384.00	1384.00	100.00%	4	15,000	20,760,000	3	3.5
	BARANGAY	Capuy Road	Moderate	1	≥lm	0.33	1232.00	1232.00	100.00%	4	10,000	12,320,000	3	3.5
Bulabog	NATIONAL	Maharlika Highway	High	1	≥lm	0.33	1127.00	629.00	55.81%	4	15,000	9,435,000	3	3.5
Basud	NATIONAL	Maharlika Highway	Moderate	1	≥lm	0.33	792.00	792.00	100.00%	4	15,000	11,880,000	3	3.5
Ticol	NATIONAL	Maharlika Highway	Moderate	1	≥lm	0.33	1222.00	1222.00	100.00%	4	15,000	18,330,000	3	3.5
Barayong	BARANGAY	Guinlajon - Pamurayan Road	Moderate	1	≥lm	0.33	1740.00	35.00	2.01%	1	10,000	350,000	1	1
	BARANGAY		Moderate	1	≥lm	0.33	438.00	97.00	22.15%	3	10,000	970,000	1	2
Gimaloto	PROVINCIAL	Pamurayan - Peñafrancia - Cambulaga Road	Moderate	1	≥lm	0.33	110.00	110.00	100.00%	4	15,000	1,650,000	2	3
	BARANGAY	Guinlajon - Pamurayan Road	Moderate	1	≥lm	0.33	803.00	803.00	100.00%	4	10,000	8,030,000	3	3.5

	IDEN	ITIFICATION		HAZA	ARD					EX	(POSURE			
	Classification		Flood Susceptibility	Likelihood of Occurrence Score	Expected Flood Depth	Magnitude Score	Total Length (m)	Affected Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replacement/ Construction Cost	Affected Value	Exposure Score for Affected Value	Average Exposure Score
Barangay Name	National, Provincial, Municipal or Barangay	Name of Street (if any)	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	≤1m for moderate and Low ≥1m for high	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived)	Affected length of road (GIS derived)	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Construction Cost per meter (optional)	Affeted Length x construction cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposure scores divided by 2 (optional)
Pamurayan	PROVINCIAL	Pamurayan - Peñafrancia - Cambulaga Road	Moderate	1	≥lm	0.33	2414.00	2414.00	100.00%	4	15,000	36,210,000	3	3.5
Guinlajon														
Panlayaan														
Salvacion (West)														
Buenavista (West)	BARANGAY		Moderate	1	≥1m	0.33	2661.00	766.00	28.79%	3	10,000	7,660,000	3	3
San Isidro														
Bucalbucalan	NATIONAL	Maharlika Highway	Moderate	1	≥1m	0.33	1313.00	116.00	8.83%	1	15,000	1,740,000	2	1.5
Rizal	NATIONAL	Maharlika Highway	Moderate	3	≤1m	0.66	979.00	979.00	100.00%	4	15,000	14,685,000	3	3.5
Bitan-o	CITY	J. Reyes St.	Moderate	1	≥1m	0.33	269.00	269.00	100.00%	4	12,000	3,228,000	3	3.5
	CITY	A. Jimenez St.	Moderate	1	≥1m	0.33	107.00	107.00	100.00%	4	12,000	1,284,000	2	3
	BARANGAY		Moderate	1	≥1m	0.33	208.00	208.00	100.00%	4	10,000	2,080,000	3	3.5
Macabog														
Pangpang														
Cambulaga	PROVINCIAL	Tugos-Cambulaga Road	Moderate	1	≥1m	0.33	964.00	964.00	100.00%	4	10,000	9,640,000	3	3.5
Peñafrancia														
Talisay	CITY	Divina St.	High	1	≥1m	0.33	559.00	559.00	100.00%	4	12,000	6,708,000	3	3.5
	CITY	J. Galarosa St.	High	1	≥1m	0.33	110.00	110.00	100.00%	4	12,000	1,320,000	2	3
	CITY	M. Guariña St.	High	1	≥1m	0.33	131.00	131.00	100.00%	4	12,000	1,572,000	2	3
Piot	NATIONAL	Maharlika Highway	Moderate	1	≥1m	0.33	766.00	766.00	100.00%	4	15,000	11,490,000	3	3.5
Tugos	NATIONAL	Maharlika Highway	Moderate	1	≥1m	0.33	848.00	848.00	100.00%	4	15,000	12,720,000	3	3.5

About 7.8% or about 45 kilometers of the total roads are affected by flooding. Three barangays are high risk while 6 barangays are moderate.

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE HAZARD AND EXPOSURE

	IDENTIFICATION	HAZARD	EXPOSURE
	IDENTIFICATION	HALAKD	LAI OJURE

	Classification		Landslide Susceptibility	Likelihood of Occurrence Score	Magnitude Score	Total Length (m)	Affected Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replacement/ Construction Cost	Affected Value	Exposure Score for Affected Value	Average Exposure Score
Barangay Name	National, Provincial, Municipal or Barangay	Name of Street (if any)	Low, Moderate, High	Thru Anecdotal Account (Score range 1-6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring	Total length of road (GIS derived)	Affected length of road (GIS derived)	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Construction Cost per meter (optional)	Affeted Length x construction cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposure scores divided by 2 (optional)
San Roque	NATIONAL	Sorsogon-Bacon Rd				2063		0.00%	0	15,000	0	0	0
	PROVINCIAL	Batuhan-San Isidro -Buhtan Rd				1312.00		0.00%	0	10,000	0	0	0
Balete	NATIONAL	Sorsogon-Bacon Rd				1289.00		0.00%	0	15,000	0	0	0
	BARANGAY	Balete- Cabarbuhan Road				1168.00		0.00%	0	10,000	0	0	0
San Jose- Maricrum	BARANGAY	San Roque- Maricrum Road				1885.00		0.00%	0	10,000	0	0	0
Salvacion (Bacon)	NATIONAL	Bacon-Prieto Diaz Road				2193.00		0.00%	0	15,000	0	0	0
San Ramon	PROVINCIAL	Batuhan - San- Isidro - Buhatan Road				1111.00		0.00%	0	10,000	0	0	0
Bogña	NATIONAL	Batuhan - San- Isidro - Buhatan Road				1916.00		0.00%	0	15,000	0	0	0
San Pascual	BARANGAY	Bancal - San Pascual Road				1305.00		0.00%	0	10,000	0	0	0
Del Rosario	NATIONAL	Bacon-Manito Road				653.00		0.00%	0	15,000	0	0	0
Caricaran	NATIONAL	Bacon-Prieto Diaz Road				1754.00		0.00%	0	15,000	0	0	0
Poblacion	NATIONAL	Ponco-Prieto Diaz boundary Road (Sor-Bac-Pdiaz Rd)				1991.00		0.00%	0	15,000	0	0	0
	CITY	Esteban Amador St.				479.00		0.00%	0	12,000	0	0	0
	CITY	Mariano Deocareza St.				796.00		0.00%	0	12,000	0	0	0
	CITY	Amado Jimenez St.				280.00		0.00%	0	12,000	0	0	0
	CITY	Rizal St.				390.00		0.00%	0	15,000	0	0	0

Rawis	NATIONAL	Bacon-Manito Road				1001.00		0.00%	0	15,000	0	0	0
Balogo	NATIONAL	Bacon-Prieto Diaz Road				674.00		0.00%	0	15,000	0	0	0
Sawanga	NATIONAL	Bacon-Prieto Diaz Road				1342.00		0.00%	0	15,000	0	0	0
Buenavista	NATIONAL	Bacon-Prieto Diaz Road	low	1	0.33	2423.00	318.00	13.12%	2	15,000	4,770,000	3	2.5
Bon-ot	NATIONAL	Bacon-Prieto Diaz Road				2268.00		0.00%	0	15,000	0	0	0
Bato	NATIONAL	Bacon-Prieto Diaz Road	high	1	0.33	1699.00	1010.00	59.45%	4	15,000	15,150,000	3	3.5
Gatbo	NATIONAL	Bacon-Prieto Diaz Road				2252.00		0.00%	0	15,000	0	0	0
Sta Lucia								#DIV/0!	#DIV/0!		0	0	#DIV/0!
Sugod	NATIONAL	Bacon-Prieto Diaz Road				2349.00		0.00%	0	15,000	0	0	0
Osiao			high	5	1	5946.00	5946.00	100.00%	4	15,000	89,190,000	4	4
Sto Niño			high	3	0.66	5545.00	2211.00	39.87%	3	15,000	33,165,000	3	3
Cabarbuhan	BARANGAY	Balete- Cabarbuhan Road				2257.00		0.00%	0	10,000	0	0	0
Sta Cruz								#DIV/0!	#DIV/0!		0	0	#DIV/0!
San Isidro (Bacon)								#DIV/0!	#DIV/0!		0	0	#DIV/0!
San Vicente								#DIV/0!	#DIV/0!		0	0	#DIV/0!
Jamislagan			low	1	0.33	1000.00	138.00	13.80%	2	12,000	1,656,000	2	2
Sto Domingo								#DIV/0!	#DIV/0!		0	0	#DIV/0!
San Juan			low	1	0.33	2895.00	2895.00	100.00%	4	150,000	434,250,000	4	4
Bibincahan	NATIONAL	Sorsogon-Bacon Road				3605.00		0.00%	0	15,000	0	0	0
Sampaloc	CITY	Ballesteros St.				159.00		0.00%	0	12,000	0	0	0
Sirangan	NATIONAL	Magsaysay Street (Maharlika)				139.00		0.00%	0	15,000	0	0	0
	CITY	Rizal St. Extension				164.00		0.00%	0	12,000	0	0	0
Burabod	CITY	Alegre St.				404.00		0.00%	0	12,000	0	0	0
	CITY	Peralta St.				194.00		0.00%	0	12,000	0	0	0
San Juan (Roro)	PROVINCIAL					1339.00		0.00%	0	15,000	0	0	0
Polvorista	CITY	Quezon St.				325.00		0.00%	0	12,000	0	0	0
	CITY	M. Santos St.				280.00		0.00%	0	12,000	0	0	0
Sulucan	CITY	E. Jimenez St.				258.00		0.00%	0	12,000	0	0	0
Almendras - Cogon	CITY	Eternidad St.				225.00		0.00%	0	12,000	0	0	0
Salog	CITY	Arellano St.				874.00		0.00%	0	12,000	0	0	0
	CITY	Alegre St.				266.00		0.00%	0	12,000	0	0	0

			1						_			_	_
	CITY	S. Garcia St.				151.00		0.00%	0	12,000	0	0	0
Cabid-an	PRIVATE					770.00		0.00%	0	10,000	0	0	0
	BARANGAY	T D'2 111 1				920.00		0.00%	0	10,000	0	0	0
Balogo (East)	NATIONAL	T. Diño Highway (Maharlika)				1233.00		0.00%	0	15,000	0	0	0
Marinas			low	1	0.33	1408.00	1408.00	100.00%	4	12,000	16,896,000	3	3.5
Buhatan	NATIONAL	T. Diño Highway (Maharlika)				3306.00		0.00%	0	15,000	0	0	0
Abuyog	NATIONAL		low	1	0.33	2544.00	1213.00	47.68%	4	15,000	18,195,000	3	3.5
Capuy	NATIONAL	Maharlika Highway				1384.00		0.00%	0	15,000	0	0	0
	BARANGAY	Capuy Road				1232.00		0.00%	0	10,000	0	0	0
Bulabog	NATIONAL	Maharlika Highway				1127.00		0.00%	0	15,000	0	0	0
Basud	NATIONAL	Maharlika Highway				792.00		0.00%	0	15,000	0	0	0
Ticol	NATIONAL	Maharlika Highway				1222.00		0.00%	0	15,000	0	0	0
Barayong	BARANGAY	Guinlajon - Pamurayan Road				1740.00		0.00%	0	10,000	0	0	0
	BARANGAY					438.00		0.00%	0	10,000	0	0	0
Gimaloto	PROVINCIAL	Pamurayan - Peñafrancia - Cambulaga Road				110.00		0.00%	0	15,000	0	0	0
	BARANGAY	Guinlajon - Pamurayan Road				803.00		0.00%	0	10,000	0	0	0
Pamurayan	PROVINCIAL	Pamurayan - Peñafrancia - Cambulaga Road				2414.00		0.00%	0	15,000	0	0	0
Guinlajon								#DIV/0!	#DIV/0!		0	0	#DIV/0!
Panlayaan			low	1	0.33	1183.00	1183.00	100.00%	4	15,000	17,745,000	3	3.5
Salvacion (West)			low	1	0.33	885.00	885.00	100.00%	4	15,000	13,275,000	3	3.5
Buenavista (West)	BARANGAY		low	1	0.33	2661.00	2661.00	100.00%	4	10,000	26,610,000	3	3.5
San Isidro			low	1	0.33	224.00	224.00	100.00%	4	15,000	3,360,000	3	3.5
Bucalbucalan	NATIONAL	Maharlika Highway				1313.00		0.00%	0	15,000	0	0	0
Rizal	NATIONAL	Maharlika Highway	low	1	0.33	979.00	363.00	37.08%	3	15,000	5,445,000	3	3
Bitan-o	CITY	J. Reyes St.				269.00		0.00%	0	12,000	0	0	0
	CITY	A. Jimenez St.				107.00		0.00%	0	12,000	0	0	0
	BARANGAY					208.00		0.00%	0	10,000	0	0	0
Macabog								#DIV/0!	#DIV/0!		0	0	#DIV/0!
Pangpang								#DIV/0!	#DIV/0!		0	0	#DIV/0!
Cambulaga	PROVINCIAL	Tugos- Cambulaga Road				964.00		0.00%	0	10,000	0	0	0

Peñafrancia					#DIV/0!	#DIV/0!		0	0	#DIV/0!
Talisay	CITY	Divina St.		559.00	0.00%	0	12,000	0	0	0
	CITY	J. Galarosa St.		110.00	0.00%	0	12,000	0	0	0
	CITY	M. Guariña St.		131.00	0.00%	0	12,000	0	0	0
Piot	NATIONAL	Maharlika Highway		766.00	0.00%	0	15,000	0	0	0
Tugos	NATIONAL	Maharlika Highway		848.00	0.00%	0	15,000	0	0	0

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY STORM SURGE HAZARD AND EXPOSURE

	IDEN	TIFICATION		НА	ZARD					EX	KPOSURE			
Barangay	Classificati on	Name of Street	Hazard Susceptibilit y/Intensity	Likelihood of Occurrenc e Score	Expected Inundation Depth	Magnitude Score	Total Length (m)	Affected Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replacement/ Construction Cost	Affected Value	Exposure Score for Affected Value	Average Exposure Score
Name	National, Provincial, Municipal or Barangay	(if any)	Low, Moderate, High	Thru Anecdotal Account (Score range 1- 6)	Depth according to hazard map	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived)	Affected length of road (GIS derived)	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Construction Cost per meter (optional)	Affeted Length x construction cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposure scores divided by 2 (optional)
San Roque	NATIONAL	Sorsogon-Bacon Rd					2063		0.00%	0	15,000	0	0	0
	PROVINCIA L	Batuhan-San Isidro -Buhtan Rd					1312.00		0.00%	0	10,000	0	0	0
Balete	NATIONAL	Sorsogon-Bacon Rd					1289.00		0.00%	0	15,000	0	0	0
	BARANGAY	Balete- Cabarbuhan Road					1168.00		0.00%	0	10,000	0	0	0
San Jose- Maricrum	BARANGAY	San Roque- Maricrum Road					1185.00		0.00%	0				
Salvacion (Bacon)	NATIONAL	Bacon-Prieto Diaz Road					2193.00		0.00%	0	15,000	0	0	0
San Ramon	PROVINCIA L	Batuhan - San- Isidro - Buhatan Road					1111.00		0.00%	0	10,000	0	0	0

	IDEN	TIFICATION		НА	ZARD					E)	(POSURE			
Barangay	Classificati on	Name of Street	Hazard Susceptibilit y/ Intensity	Likelihood of Occurrenc e Score	Expected Inundation Depth	Magnitude Score	Total Length (m)	Affected Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replacement/ Construction Cost	Affected Value	Exposure Score for Affected Value	Average Exposure Score
Name	National, Provincial, Municipal or Barangay	(if any)	Low, Moderate, High	Thru Anecdotal Account (Score range 1- 6)	Depth according to hazard map	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived)	Affected length of road (GIS derived)	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Construction Cost per meter (optional)	Affeted Length x construction cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposure scores divided by 2 (optional)
Bogña	NATIONAL	Batuhan - San- Isidro - Buhatan Road					1916.00		0.00%	0	15,000	0	0	0
San Pascual	BARANGAY	Bancal - San Pascual Road					1305.00		0.00%	0	10,000	0	0	0
Del Rosario	NATIONAL	Bacon-Manito Road					653.00		0.00%	0	15,000	0	0	0
Caricaran	NATIONAL	Bacon-Prieto Diaz Road	moderate	4		0.66	1754.00	1208.00	68.87%	4	15,000	18,120,000	3	3.5
Poblacion	NATIONAL	Ponco-Prieto Diaz boundary Road (Sor-Bac-Pdiaz Rd)	moderate	5		0.66	1991.00	1991.00	100.00%	4	15,000	29,865,000	3	3.5
	CITY	Esteban Amador St.	moderate	5		0.66	479.00	479.00	100.00%	4	12,000	5,748,000	3	3.5
	CITY	Mariano Deocareza St.	moderate	5		0.66	796.00	796.00	100.00%	4	12,000	9,552,000	3	3.5
	CITY	Amado Jimenez St.	moderate	5		0.66	280.00	280.00	100.00%	4	12,000	3,360,000	3	3.5
	CITY	Rizal St.	moderate	5		0.66	390.00	390.00	100.00%	4	15,000	5,850,000	3	3.5
Rawis	NATIONAL	Bacon-Manito Road					1001.00		0.00%	0	15,000	0	0	0
Balogo	NATIONAL	Bacon-Prieto Diaz Road	low	1		0.33	674.00	674.00	100.00%	4	15,000	10,110,000	3	3.5
Sawanga	NATIONAL	Bacon-Prieto Diaz Road	low	1		0.33	1342.00	1342.00	100.00%	4	15,000	20,130,000	3	3.5
Buenavista	NATIONAL	Bacon-Prieto Diaz Road	low	1		0.33	2423.00	472.00	19.48%	2	15,000	7,080,000	3	2.5
Bon-ot	NATIONAL	Bacon-Prieto Diaz Road	low	1		0.33	2268.00	2268.00	100.00%	4	15,000	34,020,000	3	3.5
Bato	NATIONAL	Bacon-Prieto Diaz Road	low	1		0.33	1699.00	415.00	24.43%	3	15,000	6,225,000	3	3
Gatbo	NATIONAL	Bacon-Prieto Diaz Road	low	1		0.33	2252.00	2252.00	100.00%	4	15,000	33,780,000	3	3.5
Sta Lucia									#DIV/0!	#DIV/0!		0	0	#DIV/0!
Sugod	NATIONAL	Bacon-Prieto Diaz Road	low	1		0.33	2349.00	1667.00	70.97%	4	15,000	25,005,000	3	3.5
Osiao							5946.00	-	0.00%	0	15,000	0	0	0
Sto Niño							5545.00		0.00%	0	15,000	0	0	0

	IDEN	TIFICATION		НА	ZARD					E)	(POSURE			
Barangay	Classificati on	Name of Street	Hazard Susceptibilit y/Intensity	Likelihood of Occurrenc e Score	Expected Inundation Depth	Magnitude Score	Total Length (m)	Affected Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replacement/ Construction Cost	Affected Value	Exposure Score for Affected Value	Average Exposure Score
Name	National, Provincial, Municipal or Barangay	(if any)	Low, Moderate, High	Thru Anecdotal Account (Score range 1- 6)	Depth according to hazard map	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived)	Affected length of road (GIS derived)	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Construction Cost per meter (optional)	Affeted Length x construction cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposure scores divided by 2 (optional)
Cabarbuh an	BARANGAY	Balete- Cabarbuhan Road					2257.00		0.00%	0	10,000	0	0	0
Sta Cruz									#DIV/0!	#DIV/0!		0	0	#DIV/0!
San Isidro (Bacon)									#DIV/0!	#DIV/0!		0	0	#DIV/0!
San Vicente									#DIV/0!	#DIV/0!		0	0	#DIV/0!
Jamislaga n							1000.00		0.00%	0	12,000	0	0	0
Sto Domingo									#DIV/0!	#DIV/0!		0	0	#DIV/0!
San Juan							2895.00		0.00%	0	150,000	0	0	0
Bibincaha n	NATIONAL	Sorsogon-Bacon Road					3605.00		0.00%	0	15,000	0	0	0
Sampaloc	CITY	Ballesteros St.	moderate	6		1	159.00	159.00	100.00%	4	12,000	1,908,000	2	3
Sirangan	NATIONAL	Magsaysay Street (Maharlika)	moderate	6		1	139.00	139.00	100.00%	4	15,000	2,085,000	3	3.5
	CITY	Rizal St. Extension					164.00	164.00	100.00%	4	12,000	1,968,000	2	3
Burabod	CITY	Alegre St.	low	1		0.33	404.00	404.00	100.00%	4	12,000	4,848,000	3	3.5
	CITY	Peralta St.	low	1		0.33	194.00	194.00	100.00%	4	12,000	2,328,000	3	3.5
San Juan (Roro)	PROVINCIA L						1339.00		0.00%	0	15,000	0	0	0
Polvorista	CITY	Quezon St.					325.00		0.00%	0	12,000	0	0	0
	CITY	M. Santos St.					280.00		0.00%	0	12,000	0	0	0
Sulucan	CITY	E. Jimenez St.	moderate	1		0.33	258.00	258.00	100.00%	4	12,000	3,096,000	3	3.5
Almendras - Cogon	CITY	Eternidad St.					225.00		0.00%	0	12,000	0	0	0
Salog	CITY	Arellano St.	low	1		0.33	874.00	874.00	100.00%	4	12,000	10,488,000	3	3.5
	CITY	Alegre St.	low	1		0.33	266.00	196.00	73.68%	4	12,000	2,352,000	3	3.5
	CITY	S. Garcia St.	low	1		0.33	151.00	151.00	100.00%	4	12,000	1,812,000	2	3
Cabid-an	PRIVATE						770.00		0.00%	0	10,000	0	0	0
	BARANGAY						920.00		0.00%	0	10,000	0	0	0
Balogo (East)	NATIONAL	T. Diño Highway (Maharlika)	low	1		0.33	1233.00	496.00	40.23%	4	15,000	7,440,000	3	3.5
Marinas							1408.00		0.00%	0	12,000	0	0	0

	IDEN	TIFICATION		НА	ZARD					E	(POSURE			
Barangay	Classificati on	Name of Street	Hazard Susceptibilit y/Intensity	Likelihood of Occurrenc e Score	Expected Inundation Depth	Magnitude Score	Total Length (m)	Affected Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replacement/ Construction Cost	Affected Value	Exposure Score for Affected Value	Average Exposure Score
Name	National, Provincial, Municipal or Barangay	(if any)	Low, Moderate, High	Thru Anecdotal Account (Score range 1- 6)	Depth according to hazard map	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived)	Affected length of road (GIS derived)	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Construction Cost per meter (optional)	Affeted Length x construction cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposure scores divided by 2 (optional)
Buhatan	NATIONAL	T. Diño Highway (Maharlika)	low	3		0.33	3306.00	3306.00	100.00%	4	15,000	49,590,000	4	4
Abuyog	NATIONAL		low	3		0.33	2544.00	2315.00	91.00%	4	15,000	34,725,000	3	3.5
Сариу	NATIONAL	Maharlika Highway	low	1		0.33	1384.00	1478.00	106.79%	4	15,000	22,170,000	3	3.5
	BARANGAY	Capuy Road	low	1		0.33	1232.00	1073.00	87.09%	4	10,000	10,730,000	3	3.5
Bulabog	NATIONAL	Maharlika Highway	low	1		0.33	1127.00	531.00	47.12%	4	15,000	7,965,000	3	3.5
Basud	NATIONAL	Maharlika Highway					792.00		0.00%	0	15,000	0	0	0
Ticol	NATIONAL	Maharlika Highway					1222.00		0.00%	0	15,000	0	0	0
Barayong	BARANGAY	Guinlajon - Pamurayan Road	low	1		0.33	1740.00	78.00	4.48%	1	10,000	780,000	1	1
	BARANGAY						438.00		0.00%	0	10,000	0	0	0
Gimaloto	PROVINCIA L	Pamurayan - Peñafrancia - Cambulaga Road	low	1		0.33	110.00	110.00	100.00%	4	15,000	1,650,000	2	3
	BARANGAY	Guinlajon - Pamurayan Road	low	1		0.33	803.00	803.00	100.00%	4	10,000	8,030,000	3	3.5
Pamuraya n	PROVINCIA L	Pamurayan - Peñafrancia - Cambulaga Road	low	1		0.33	2414.00	1233.00	51.08%	4	15,000	18,495,000	3	3.5
Guinlajon									#DIV/0!	#DIV/0!		0	0	#DIV/0!
Panlayaan							1183.00		0.00%	0	15,000	0	0	0
Salvacion (West)							885.00		0.00%	0	15,000	0	0	0
Buenavista (West)	BARANGAY						2661.00		0.00%	0	10,000	0	0	0
San Isidro							224.00		0.00%	0	15,000	0	0	0
Bucalbuca lan	NATIONAL	Maharlika Highway					1313.00		0.00%	0	15,000	0	0	0
Rizal	NATIONAL	Maharlika Highway					979.00		0.00%	0	15,000	0	0	0
Bitan-o	CITY	J. Reyes St.					269.00		0.00%	0	12,000	0	0	0
	CITY	A. Jimenez St.					107.00		0.00%	0	12,000	0	0	0

	IDEN	TIFICATION		НА	ZARD					E)	(POSURE			
Barangay	Classificati on	Name of Street	Hazard Susceptibilit y/ Intensity	Likelihood of Occurrenc e Score	Expected Inundation Depth	Magnitude Score	Total Length (m)	Affected Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replacement/ Construction Cost	Affected Value	Exposure Score for Affected Value	Average Exposure Score
Name	National, Provincial, Municipal or Barangay	(if any)	Low, Moderate, High	Thru Anecdotal Account (Score range 1- 6)	Depth according to hazard map	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived)	Affected length of road (GIS derived)	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Construction Cost per meter (optional)	Affeted Length x construction cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposure scores divided by 2 (optional)
	BARANGAY						208.00		0.00%	0	10,000	0	0	0
Macabog									#DIV/0!	#DIV/0!		0	0	#DIV/0!
Pangpang									#DIV/0!	#DIV/0!		0	0	#DIV/0!
Cambulag a	PROVINCIA L	Tugos- Cambulaga Road					964.00		0.00%	0	10,000	0	0	0
Peñafranci a									#DIV/0!	#DIV/0!		0	0	#DIV/0!
Talisay	CITY	Divina St.					559.00		0.00%	0	12,000	0	0	0
	CITY	J. Galarosa St.	low	1		0.33	110.00	110.00	100.00%	4	12,000	1,320,000	2	3
	CITY	M. Guariña St.	low	1		0.33	131.00	131.00	100.00%	4	12,000	1,572,000	2	3
Piot	NATIONAL	Maharlika Highway	low	1		0.33	766.00	766.00	100.00%	4	15,000	11,490,000	3	3.5
Tugos	NATIONAL	Maharlika Highway	low	1		0.33	848.00	81.00	9.55%	1	15,000	1,215,000	2	1.5

29,000 kilometers or 12.5% of the road networks is affected, with two barangays considered as high risk and 6 barangays moderate.

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY TSUNAMI HAZARD AND EXPOSURE

		IDENTIFICATION		HAZARI)				EXI	POSURE			
	Classifica tion		Hazard Susceptibilit y/Intensity	Likelihoo d of Occurren ce Score	Magnitude Score	Total Length (m)	Affecte d Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replace ment/Co nstruction Cost	Affected Value	Exposure Score for Affected Value	Averag e Exposur e Score
Barangay Name	National, Provincial , Municipa l or Baranga y	Hazard Susceptibility/ Intensity Low, Moderate, High	Low, Moderate, High	Thru Anecdot al Account (Score range 1- 6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived)	Affecte d length of road (GIS derived	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Constructi on Cost per meter (optional)	Affeted Length x constructio n cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposur e scores divided by 2 (option al)
San Roque	NATIONA L	Sorsogon-Bacon Rd				2063		0.00%	0	15,000	0	0	0
	PROVINC IAL	Batuhan-San Isidro - Buhtan Rd				1312.00		0.00%	0	10,000	0	0	0
Balete	NATIONA L	Sorsogon-Bacon Rd				1289.00		0.00%	0	15,000	0	0	0
	BARANG AY	Balete-Cabarbuhan Road				1168.00		0.00%	0	10,000	0	0	0
San Jose-	BARANG	San Roque-Maricrum				1885.00		0.00%	0				
Maricrum Salvacion (Bacon)	NATIONA	Road Bacon-Prieto Diaz Road	low	1	0.33	2193.00	160.00	7.30%	1	15,000	2,400,000	3	2
San Ramon	PROVINC IAL	Batuhan - San-Isidro - Buhatan Road				1111.00		0.00%	0	10,000	0	0	0
Bogña	NATIONA L	Batuhan - San-Isidro - Buhatan Road				1916.00		0.00%	0	15,000	0	0	0
San Pascual	BARANG AY	Bancal - San Pascual Road				1305.00		0.00%	0	10,000	0	0	0
Del Rosario	NATIONA L	Bacon-Manito Road	low	1	0.33	653.00	326.00	49.92%	4	15,000	4,890,000	3	3.5
Caricaran	NATIONA L	Bacon-Prieto Diaz Road	low	1	0.33	1754.00	1257.00	71.66%	4	15,000	18,855,000	3	3.5
Poblacion	NATIONA L	Ponco-Prieto Diaz boundary Road (Sor- Bac-Pdiaz Rd)	low	1	0.33	1991.00	1991.00	100.00%	4	15,000	29,865,000	3	3.5
	CITY	Esteban Amador St.	low	1	0.33	479.00	479.00	100.00%	4	12,000	5,748,000	3	3.5
	CITY	Mariano Deocareza St.	low	1	0.33	796.00	796.00	100.00%	4	12,000	9,552,000	3	3.5
	CITY	Amado Jimenez St.	low	1	0.33	280.00	280.00	100.00%	4	12,000	3,360,000	3	3.5
	CITY	Rizal St.	low	1	0.33	390.00	390.00	100.00%	4	15,000	5,850,000	3	3.5
Rawis	NATIONA L	Bacon-Manito Road	low	1	0.33	1001.00	871.00	87.01%	4	15,000	13,065,000	3	3.5
Balogo	NATIONA L	Bacon-Prieto Diaz Road	low	1	0.33	674.00	674.00	100.00%	4	15,000	10,110,000	3	3.5
Sawanga	NATIONA L	Bacon-Prieto Diaz Road	low	1	0.33	1342.00	1283.00	95.60%	4	15,000	19,245,000	3	3.5

		IDENTIFICATION		HAZARD)				EXF	OSURE			
	Classifica tion		Hazard Susceptibilit y/Intensity	Likelihoo d of Occurren ce Score	Magnitude Score	Total Length (m)	Affecte d Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replace ment/Co nstruction Cost	Affected Value	Exposure Score for Affected Value	Averag e Exposur e Score
Barangay Name	National, Provincial , Municipa I or Baranga y	Hazard Susceptibility/ Intensity Low, Moderate, High	Low, Moderate, High	Thru Anecdot al Account (Score range 1- 6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived	Affecte d length of road (GIS derived	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Constructi on Cost per meter (optional)	Affeted Length x constructio n cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposur e scores divided by 2 (option al)
Buenavista	NATIONA L	Bacon-Prieto Diaz Road	low	1	0.33	2423.00	601.00	24.80%	3	15,000	9,015,000	3	3
Bon-ot	NATIONA L	Bacon-Prieto Diaz Road				2268.00		0.00%	0	15,000	0	0	0
Bato	NATIONA L	Bacon-Prieto Diaz Road	low	1	0.33	1699.00	309.00	18.19%	2	15,000	4,635,000	3	2.5
Gatbo	NATIONA L	Bacon-Prieto Diaz Road				2252.00	2252.00	100.00%	4	15,000	33,780,000	3	3.5
Sta Lucia								#DIV/0!	#DIV/0!		0	0	#DIV/0!
Sugod	NATIONA L	Bacon-Prieto Diaz Road				2349.00		0.00%	0	15,000	0	0	0
Osiao			low	1	0.33	5946.00	827.00	13.91%	2	15,000	12,405,000	3	2.5
Sto Niño						5545.00		0.00%	0	15,000	0	0	0
Cabarbuhan	BARANG AY	Balete-Cabarbuhan Road				2257.00		0.00%	0	10,000	0	0	0
Sta Cruz								#DIV/0!	#DIV/0!		0	0	#DIV/0!
San Isidro (Bacon)								#DIV/0!	#DIV/0!		0	0	#DIV/0!
San Vicente								#DIV/0!	#DIV/0!		0	0	#DIV/0!
Jamislagan						1000.00		0.00%	0	12,000	0	0	0
Sto Domingo								#DIV/0!	#DIV/0!		0	0	#DIV/0!
San Juan			low	1	0.33	2895.00	411.00	14.20%	2	150,000	61,650,000	4	3
Bibincahan	NATIONA L	Sorsogon-Bacon Road				3605.00		0.00%	0	15,000	0	0	0
Sampaloc	CITY	Ballesteros St.				159.00		0.00%	0	12,000	0	0	0
Sirangan	NATIONA L	Magsaysay Street (Maharlika)				139.00		0.00%	0	15,000	0	0	0
	CITY	Rizal St. Extension				164.00		0.00%	0	12,000	0	0	0
Burabod	CITY	Alegre St.				404.00		0.00%	0	12,000	0	0	0
	CITY	Peralta St.				194.00		0.00%	0	12,000	0	0	0
San Juan (Roro)	PROVINC IAL					1339.00		0.00%	0	15,000	0	0	0
Polvorista	CITY	Quezon St.				325.00		0.00%	0	12,000	0	0	0
	CITY	M. Santos St.				280.00		0.00%	0	12,000	0	0	0

		IDENTIFICATION		HAZARI)				EXI	POSURE			
	Classifica tion		Hazard Susceptibilit y/Intensity	Likelihoo d of Occurren ce Score	Magnitude Score	Total Length (m)	Affecte d Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replace ment/Co nstruction Cost	Affected Value	Exposure Score for Affected Value	Averag e Exposur e Score
Barangay Name	National, Provincial , Municipa I or Baranga y	Hazard Susceptibility/ Intensity Low, Moderate, High	Low, Moderate, High	Thru Anecdot al Account (Score range 1- 6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived)	Affecte d length of road (GIS derived	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Constructi on Cost per meter (optional)	Affeted Length x constructio n cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposur e scores divided by 2 (option al)
Sulucan	CITY	E. Jimenez St.				258.00		0.00%	0	12,000	0	0	0
Almendras - Cogon	CITY	Eternidad St.				225.00		0.00%	0	12,000	0	0	0
Salog	CITY	Arellano St.				874.00		0.00%	0	12,000	0	0	0
	CITY	Alegre St.				266.00		0.00%	0	12,000	0	0	0
	CITY	S. Garcia St.				151.00		0.00%	0	12,000	0	0	0
Cabid-an	PRIVATE					770.00		0.00%	0	10,000	0	0	0
	BARANG AY					920.00		0.00%	0	10,000	0	0	0
Balogo (East)	NATIONA L	T. Diño Highway (Maharlika)				1233.00		0.00%	0	15,000	0	0	0
Marinas						1408.00		0.00%	0	12,000	0	0	0
Buhatan	NATIONA L	T. Diño Highway (Maharlika)				3306.00		0.00%	0	15,000	0	0	0
Abuyog	NATIONA L					2544.00		0.00%	0	15,000	0	0	0
Capuy	NATIONA L	Maharlika Highway				1384.00		0.00%	0	15,000	0	0	0
	BARANG AY	Capuy Road				1232.00		0.00%	0	10,000	0	0	0
Bulabog	NATIONA L	Maharlika Highway				1127.00		0.00%	0	15,000	0	0	0
Basud	NATIONA L	Maharlika Highway				792.00		0.00%	0	15,000	0	0	0
Ticol	NATIONA L	Maharlika Highway				1222.00		0.00%	0	15,000	0	0	0
Barayong	BARANG AY	Guinlajon - Pamurayan Road				1740.00		0.00%	0	10,000	0	0	0
	BARANG AY					438.00		0.00%	0	10,000	0	0	0
Gimaloto	PROVINC IAL	Pamurayan - Peñafrancia - Cambulaga Road				110.00		0.00%	0	15,000	0	0	0
	BARANG AY	Guinlajon - Pamurayan Road				803.00		0.00%	0	10,000	0	0	0

		IDENTIFICATION		HAZARI)				EXF	POSURE			
	Classifica tion		Hazard Susceptibilit y/ Intensity	Likelihoo d of Occurren ce Score	Magnitude Score	Total Length (m)	Affecte d Length (m)	Percentage of Affected Length	Exposure Score for Affected Length	Replace ment/Co nstruction Cost	Affected Value	Exposure Score for Affected Value	Averag e Exposur e Score
Barangay Name	National, Provincial , Municipa I or Baranga y	Hazard Susceptibility/ Intensity Low, Moderate, High	Low, Moderate, High	Thru Anecdot al Account (Score range 1- 6)	Magnitude scores are relative to the magnitude of the highest level of hazard category (see Scoring tab)	Total length of road (GIS derived	Affecte d length of road (GIS derived	Affected Length divided by Total Length	Exposure Score for proportion of affected length	Constructi on Cost per meter (optional)	Affeted Length x constructio n cost per meter (optional)	Exposure Score for proportion of affected length (optional)	Sum of exposur e scores divided by 2 (option al)
Pamurayan	PROVINC IAL	Pamurayan - Peñafrancia - Cambulaga Road				2414.00		0.00%	0	15,000	0	0	0
Guinlajon											0	0	
Panlayaan						1183.00		0.00%	0	15,000	0	0	0
Salvacion (West)						885.00		0.00%	0	15,000	0	0	0
Buenavista (West)	BARANG AY					2661.00		0.00%	0	10,000	0	0	0
San Isidro						224.00		0.00%	0	15,000	0	0	0
Bucalbucala n	NATIONA L	Maharlika Highway				1313.00		0.00%	0	15,000	0	0	0
Rizal	NATIONA L	Maharlika Highway				979.00		0.00%	0	15,000	0	0	0
Bitan-o	CITY	J. Reyes St.				269.00		0.00%	0	12,000	0	0	0
	CITY	A. Jimenez St.				107.00		0.00%	0	12,000	0	0	0
	BARANG AY					208.00		0.00%	0	10,000	0	0	0
Macabog											0	0	
Pangpang											0	0	
Cambulaga	PROVINC IAL	Tugos-Cambulaga Road				964.00		0.00%	0	10,000	0	0	0
Peñafrancia											0	0	
Talisay	CITY	Divina St.				559.00		0.00%	0	12,000	0	0	0
	CITY	J. Galarosa St.				110.00		0.00%	0	12,000	0	0	0
	CITY	M. Guariña St.				131.00		0.00%	0	12,000	0	0	0
Piot	NATIONA L	Maharlika Highway				766.00		0.00%	0	15,000	0	0	0
Tugos	NATIONA L	Maharlika Highway				848.00		0.00%	0	15,000	0	0	0
								#DIV/0!	#DIV/0!		0	0	#DIV/0!

Roads likely to be affected is 12% or around 29 kilometers. Five barangays are affected and 29 kilometers.

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY FLOOD SENSITIVITY

					SENSITIVITY				
	Surface	е Туре	Existing Co	ndition	Year Cons	tructed	Employing Re	esilient Design	Average Sensitivity Score
Barangay Name	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
San Roque	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2

					SENSITIVITY				
	Surface	е Туре	Existing Cor	ndition	Year Cons	tructed	Employing R	esilient Design	Average Sensitivity Score
Barangay Name	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Balete	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
San Jose- Maricrum	concrete	1	good	2	2001 above	1	no	4	2
Salvacion (Bacon)	concrete	1	excellent	1	2000 above	1	no	4	2
San Ramon	concrete	1	good	2	2000 above	1	no	4	2
Bogña	concrete	1	good	2	2000 above	1	no	4	2
San Pascual	concrete	1	good	2	2000 above	1	no	4	2
Del Rosario	concrete	1	excellent	1	2000 above	1	no	4	2
Caricaran	concrete	1	excellent	1	2000 above	1	no	4	2
Poblacion	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	excellent	1	2000 above	1	no	4	2
Rawis	concrete	1	excellent	1	2000 above	1	no	4	2
Balogo	concrete	1	excellent	1	2000 above	1	no	4	2
Sawanga	concrete	1	excellent	1	2000 above	1	no	4	2
Buenavista	concrete	1	excellent	1	2000 above	1	no	4	2
Bon-ot	concrete	1	excellent	1	2000 above	1	no	4	2
Bato	concrete	1	excellent	1	2000 above	1	no	4	2
Gatbo	concrete	1	excellent	1	2000 above	1	no	4	2
Sta Lucia						0			0
Sugod	concrete	1	excellent	1	2000 above	1	no	4	2
Osiao									

					SENSITIVITY				
	Surface	е Туре	Existing Cor	ndition	Year Cons	tructed	Employing Re	esilient Design	Average Sensitivity Score
Barangay Name	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Sto Niño									
Cabarbuhan	concrete	1	excellent	1	2000 above	1	no	4	2
Sta Cruz									
San Isidro (Bacon)									
San Vicente									
Jamislagan									
Sto Domingo									
San Juan									
Bibincahan	concrete	1	excellent	1	2000 above	1	no	4	2
Sampaloc	concrete	1	good	2	2000 above	1	no	4	2
Sirangan	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	excellent	1	2000 above	1	no	4	2
Burabod	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
San Juan (Roro)	concrete	1	good	2	2000 above	1	no	4	2
Polvorista	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Sulucan	concrete	1	good	2	2000 above	1	no	4	2
Almendras - Cogon	concrete	1	good	2	1990-2000	1	no	4	2
Salog	concrete	1	good	2	1990-2000	1	no	4	2
	concrete	1	good	2	1990-2000	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Cabid-an	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2

					SENSITIVITY				
	Surface	е Туре	Existing Cor	ndition	Year Cons	tructed	Employing Ro	esilient Design	Average Sensitivity Score
Barangay Name	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Balogo (East)	concrete	1	good	2	2000 above	1	no	4	2
Marinas									
Buhatan	concrete	1	good	2	2000 above	1	no	4	2
Abuyog	concrete	1	good	2	2000 above	1	no	4	2
Capuy	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Bulabog	concrete	1	excellent	1	2000 above	1	no	4	2
Basud	concrete	1	excellent	1	2000 above	1	no	4	2
Ticol	concrete	1	excellent	1	2000 above	1	no	4	2
Barayong	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Gimaloto	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Pamurayan	concrete	1	good	2	2000 above	1	no	4	2
Guinlajon									
Panlayaan									
Salvacion (West)									
Buenavista (West)	concrete	1	good	2	2000 above	1	no	4	2
San Isidro						0			
Bucalbucalan	concrete	1	excellent	1	2000 above	1	no	4	2
Rizal	concrete	1	excellent	1	2000 above	1	no	4	2
Bitan-o	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	good	2	1990 -2000	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2

					SENSITIVITY				
	Surface	е Туре	Existing Cor	ndition	Year Cons	tructed	Employing Re	esilient Design	Average Sensitivity Score
Macabog	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Macabog									
Pangpang									
Cambulaga	concrete	1	good	2	2000 above	1	no	4	2
Peñafrancia									
Talisay	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	excellent	1	2000 above	1	no	4	2
Piot	concrete	1	excellent	1	2000 above	1	no	4	2
Tugos	concrete	1	excellent	1	2000 above	1	no	4	2

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE SENSITIVITY

					SENSITIVITY				
	Surface	Туре	Existing Cond	dition	Year Const	ructed	Employing R	esilient Design	Average Sensitivity Score
Barangay Name	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
San Roque	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Balete	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
San Jose- Maricrum	concrete	1	good	2	2001 above	1	no	4	2
Salvacion (Bacon)	concrete	1	excellent	1	2000 above	1	no	4	2
San Ramon	concrete	1	good	2	2000 above	1	no	4	2
Bogña	concrete	1	good	2	2000 above	1	no	4	2
San Pascual	concrete	1	good	2	2000 above	1	no	4	2
Del Rosario	concrete	1	excellent	1	2000 above	1	no	4	2
Caricaran	concrete	1	excellent	1	2000 above	1	no	4	2
Poblacion	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	excellent	1	2000 above	1	no	4	2
Rawis	concrete	1	excellent	1	2000 above	1	no	4	2
Balogo	concrete	1	excellent	1	2000 above	1	no	4	2
Sawanga	concrete	1	excellent	1	2000 above	1	no	4	2
Buenavista	concrete	1	excellent	1	2000 above	1	no	4	2
Bon-ot	concrete	1	excellent	1	2000 above	1	no	4	2
Bato	concrete	1	excellent	1	2000 above	1	no	4	2
Gatbo	concrete	1	excellent	1	2000 above	1	no	4	2
Sta Lucia		FALSE		FALSE		0		FALSE	0
Sugod	concrete	1	excellent	1	2000 above	1	no	4	2
Osiao	concrete	1	excellent	1	2000 above	1	no	4	2

					SENSITIVITY				
	Surface	Туре	Existing Cond	dition	Year Const	ructed	Employing R	esilient Design	Average Sensitivity Score
Barangay Name	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Sto Niño	concrete	1	excellent	1	2000 above	1	no	4	2
Cabarbuhan	concrete	1	excellent	1	2000 above	1	no	4	2
Sta Cruz		FALSE		FALSE		0		FALSE	0
San Isidro (Bacon)		FALSE		FALSE		0		FALSE	0
San Vicente		FALSE		FALSE		0		FALSE	0
Jamislagan	concrete	1	good	2	2000 above	1	no	4	2
Sto Domingo		FALSE	9	FALSE		0		FALSE	0
San Juan	concrete	1	excellent	1	2000 above	1	no	4	2
Bibincahan	concrete	1	excellent	1	2000 above	1	no	4	2
Sampaloc	concrete	1	good	2	2000 above	1	no	4	2
Sirangan	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	excellent	1	2000 above	1	no	4	2
Burabod	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
San Juan (Roro)	concrete	1	good	2	2000 above	1	no	4	2
Polvorista	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Sulucan	concrete	1	good	2	2000 above	1	no	4	2
Almendras - Cogon	concrete	1	good	2	1990-2000	1	no	4	2
Salog	concrete	1	good	2	1990-2000	1	no	4	2
	concrete	1	good	2	1990-2000	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Cabid-an	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Balogo (East)	concrete	1	good	2	2000 above	1	no	4	2
Marinas	concrete	1	good	2		0		FALSE	1

	SENSITIVITY								
	Surface	Туре	Existing Cond	dition	Year Const	ructed	Employing R	Resilient Design	Average Sensitivity Score
Barangay Name	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Buhatan	concrete	1	good	2	2000 above	1	no	4	2
Abuyog	concrete	1	excellent	1	2000 above	1	no	4	2
Capuy	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Bulabog	concrete	1	excellent	1	2000 above	1	no	4	2
Basud	concrete	1	excellent	1	2000 above	1	no	4	2
Ticol	concrete	1	excellent	1	2000 above	1	no	4	2
Barayong	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Gimaloto	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Pamurayan	concrete	1	good	2	2000 above	1	no	4	2
Guinlajon		FALSE		FALSE		0		FALSE	0
Panlayaan	concrete	1	excellent	1		0		FALSE	1
Salvacion (West)	concrete	1	excellent	1		0		FALSE	1
Buenavista (West)	concrete	1	good	2	2000 above	1	no	4	2
San Isidro	concrete	1	excellent	1		0		FALSE	1
Bucalbucalan	concrete	1	excellent	1	2000 above	1	no	4	2
Rizal	concrete	1	excellent	1	2000 above	1	no	4	2
Bitan-o	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	good	2	1990 -2000	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
Macabog		FALSE		FALSE		0		FALSE	0
Pangpang		FALSE		FALSE		0		FALSE	0
Cambulaga	concrete	1	good	2	2000 above	1	no	4	2
Peñafrancia		FALSE		FALSE		0		FALSE	0

					SENSITIVITY				
	Surface Type		Existing Condition		Year Const	ructed	Employing R	esilient Design	Average Sensitivity Score
Barangay Name	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Talisay	concrete	1	excellent	1	2000 above	1	no	4	2
	concrete	1	good	2	2000 above	1	no	4	2
	concrete	1	excellent	1	2000 above	1	no	4	2
Piot	concrete	1	excellent	1	2000 above	1	no	4	2
Tugos	concrete	1	excellent	1	2000 above	1	no	4	2

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **STORM SURGE SENSITIVITY**

		SENSITIVITY													
	Surface	· Туре	Existing Condition		Year Cons	structed	Employing R	Average Sensitivity Score							
Barangay	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score						
San Roque	concrete	1	excellent	1	2000 above	1	no	4	2						
•	concrete	1	good	2	2000 above	1	no	4	2						
Balete	concrete	1	excellent	1	2000 above	1	no	4	2						
	concrete	1	good	2	2000 above	1	no	4	2						
San Jose- Maricrum															
Salvacion (Bacon)	concrete	1	excellent	1	2000 above	1	no	4	2						
San Ramon	concrete	1	good	2	2000 above	1	no	4	2						
Bogña	concrete	1	good	2	2000 above	1	no	4	2						
San Pascual	concrete	1	good	2	2000 above	1	no	4	2						
Del Rosario	concrete	1	excellent	1	2000 above	1	no	4	2						
Caricaran	concrete	1	excellent	1	2000 above	1	no	4	2						
Poblacion	concrete	1	excellent	1	2000 above	1	no	4	2						
	concrete	1	good	2	2000 above	1	no	4	2						
	concrete	1	good	2	2000 above	1	no	4	2						

			SENSITIVITY									
	Surface	е Туре	Existing Condit	ion	Year Con	structed	Employing F	Resilient Design	Average Sensitivity Score			
Barangay	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score			
	concrete	1	excellent	1	2000 above	1	no	4	2			
	concrete	1	excellent	1	2000 above	1	no	4	2			
Rawis	concrete	1	excellent	1	2000 above	1	no	4	2			
Balogo	concrete	1	excellent	1	2000 above	1	no	4	2			
Sawanga	concrete	1	excellent	1	2000 above	1	no	4	2			
Buenavista	concrete	1	excellent	1	2000 above	1	no	4	2			
Bon-ot	concrete	1	excellent	1	2000 above	1	no	4	2			
Bato	concrete	1	excellent	1	2000 above	1	no	4	2			
Gatbo	concrete	1	excellent	1	2000 above	1	no	4	2			
Sta Lucia		FALSE		FALSE		0		FALSE	0			
Sugod	concrete	1	excellent	1	2000 above	1	no	4	2			
Osiao	concrete	1	excellent	1	2000 above	1	no	4	2			
Sto Niño	concrete	1	excellent	1	2000 above	1	no	4	2			
Cabarbuhan	concrete	1	excellent	1	2000 above	1	no	4	2			
Sta Cruz		FALSE		FALSE		0		FALSE	0			
San Isidro (Bacon)		FALSE		FALSE		0		FALSE	0			
San Vicente		FALSE		FALSE		0		FALSE	0			
Jamislagan	concrete	1	good	2	2000 above	1	no	4	2			
Sto Domingo		FALSE	_	FALSE		0		FALSE	0			
San Juan	concrete	1	excellent	1	2000 above	1	no	4	2			
Bibincahan	concrete	1	excellent	1	2000 above	1	no	4	2			
Sampaloc	concrete	1	good	2	2000 above	1	no	4	2			
Sirangan	concrete	1	excellent	1	2000 above	1	no	4	2			
	concrete	1	excellent	1	2000 above	1	no	4	2			
Burabod	concrete	1	good	2	2000 above	1	no	4	2			
	concrete	1	good	2	2000 above	1	no	4	2			
San Juan (Roro)	concrete	1	good	2	2000 above	1	no	4	2			
Polvorista	concrete	1	good	2	2000 above	1	no	4	2			
	concrete	1	good	2	2000 above	1	no	4	2			
Sulucan	concrete	1	good	2	2000 above	1	no	4	2			
Almendras - Cogon	concrete	1	good	2	1990-2000	1	no	4	2			
Salog	concrete	1	good	2	1990-2000	1	no	4	2			
<u> </u>	concrete	1	good	2	1990-2000	1	no	4	2			
	concrete	1	good	2	2000 above	1	no	4	2			
Cabid-an	concrete	1	good	2	2000 above	1	no	4	2			
	concrete	1	good	2	2000 above	1	no	4	2			
Balogo (East)	concrete	1	good	2	2000 above	1	no	4	2			

	SENSITIVITY													
	Surface	е Туре	Existing Condit	ion	Year Con	structed	Employing R	esilient Design	Average Sensitivity Score					
Barangay	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score					
Marinas	concrete	1	good	2		0		FALSE	1					
Buhatan	concrete	1	good	2	2000 above	1	no	4	2					
Abuyog	concrete	1	excellent	1	2000 above	1	no	4	2					
Capuy	concrete	1	excellent	1	2000 above	1	no	4	2					
	concrete	1	good	2	2000 above	1	no	4	2					
Bulabog	concrete	1	excellent	1	2000 above	1	no	4	2					
Basud	concrete	1	excellent	1	2000 above	1	no	4	2					
Ticol	concrete	1	excellent	1	2000 above	1	no	4	2					
Barayong	concrete	1	good	2	2000 above	1	no	4	2					
	concrete	1	good	2	2000 above	1	no	4	2					
Gimaloto	concrete	1	good	2	2000 above	1	no	4	2					
	concrete	1	good	2	2000 above	1	no	4	2					
Pamurayan	concrete	1	good	2	2000 above	1	no	4	2					
Guinlajon		FALSE	_	FALSE		0		FALSE	0					
Panlayaan	concrete	1	excellent	1		0		FALSE	1					
Salvacion (West)	concrete	1	excellent	1		0		FALSE	1					
Buenavista (West)	concrete	1	good	2	2000 above	1	no	4	2					
San Isidro	concrete	1	excellent	1		0		FALSE	1					
Bucalbucalan	concrete	1	excellent	1	2000 above	1	no	4	2					
Rizal	concrete	1	excellent	1	2000 above	1	no	4	2					
Bitan-o	concrete	1	excellent	1	2000 above	1	no	4	2					
	concrete	1	good	2	1990 -2000	1	no	4	2					
	concrete		good		2000 above		no	4	4					
Macabog			Ğ					FALSE	#DIV/0!					
Pangpang								FALSE	#DIV/0!					
Cambulaga	concrete		good		2000 above		no	4	4					
Peñafrancia			Ŭ					FALSE	#DIV/0!					
Talisay	concrete		excellent		2000 above		no	4	4					
,	concrete		good		2000 above		no	4	4					
	concrete		excellent		2000 above		no	4	4					
Piot	concrete		excellent		2000 above		no	4	4					
Tugos	concrete		excellent		2000 above		no	4	4					

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **TSUNAMI SENSITIVITY**

					SENSITIVITY				
	Surface	Туре	Existing Con	dition	Year Con	structed	Employing Re	esilient Design	Average Sensitivity Score
Barangay	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
San Roque	concrete	1	excellent	1	2000	1	no	4	2
	concrete	1	good	2	2000	1	no	4	2
Balete	concrete	1	excellent	1	2000	1	no	4	2
	concrete	1	good	2	2000	1	no	4	2
San Jose- Maricrum									
Salvacion (Bacon)	concrete	1	excellent	1	2000	1	no	4	2
San Ramon	concrete	1	good	2	2000	1	no	4	2
Bogña	concrete	1	good	2	1992	2	no	4	3
San Pascual	concrete	1	good	2	1994	2	no	4	3
Del Rosario	concrete	1	excellent	1	2000	1	no	4	2
Caricaran	concrete	1	excellent	1	2004	1	no	4	2
Poblacion	concrete	1	excellent	1	2004	1	no	4	2
	concrete	1	good	2	2004	1	no	4	2
	concrete	1	good	2	1980	4	no	4	3
	concrete	1	excellent	1	1980	4	no	4	3
	concrete	1	excellent	1	1980	4	no	4	3
Rawis	concrete	1	excellent	1	2004	1	no	4	2
Balogo	concrete	1	excellent	1	2010	1	no	4	2
Sawanga	concrete	1	excellent	1	2015	1	no	4	2
Buenavista	concrete	1	excellent	1	1980	4	no	4	3
Bon-ot	concrete	1	excellent	1	1980	4	no	4	3
Bato	concrete	1	excellent	1	1980	4	no	4	3
Gatbo	concrete	1	excellent	1	2000	1	no	4	2
Sta Lucia		FALSE		FALSE	2000	1	no	4	3
Sugod	concrete	1	excellent	1	1980	4	no	4	3
Osiao	concrete	1	excellent	1	1986	3	no	4	3

	SENSITIVITY											
	Surface	Туре	Existing Con	dition	Year Con	structed	Employing Re	esilient Design	Average Sensitivity Score			
Barangay	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score			
Sto Niño	concrete	1	excellent	1	1986	3	no	4	3			
Cabarbuhan	concrete	1	excellent	1	2003	1	no	4	2			
Sta Cruz		FALSE		FALSE	2000	1	no	4	3			
San Isidro (Bacon)		FALSE		FALSE	1986	3	no	4	4			
San Vicente		FALSE		FALSE	1986	3	no	4	4			
Jamislagan	concrete	1	good	2	1999	2	no	4	3			
Sto Domingo		FALSE		FALSE	1999	2	no	4	3			
San Juan	concrete	1	excellent	1	1999	2	no	4	2			
Bibincahan	concrete	1	excellent	1	2015	1	yes	1	1			
Sampaloc	concrete	1	good	2	2015	1	yes	1	2			
Sirangan	concrete	1	excellent	1	2015	1	yes	1	1			
	concrete	1	excellent	1	2013	1	yes	1	1			
Burabod	concrete	1	good	2	2013	1	yes	1	2			
	concrete	1	good	2	2013	1	yes	1	2			
San Juan (Roro)	concrete	1	good	2	2006	1	no	4	2			
Polvorista	concrete	1	good	2	2006	1	no	4	2			
	concrete	1	good	2	2006	1	no	4	2			
Sulucan	concrete	1	good	2	2000	1	no	4	2			
Almendras - Cogon	concrete	1	good	2	2000	1	no	4	2			
Salog	concrete	1	good	2	2015	1	yes	1	2			
	concrete	1	good	2	2015	1	yes	1	2			
	concrete	1	good	2	1993	2	no	4	3			
Cabid-an	concrete	1	good	2	1995	2	no	4	3			
	concrete	1	good	2	1995	2	no	4	3			
Balogo (East)	concrete	1	good	2	1993	2	no	4	3			
Marinas	concrete	1	good	2	1993	2	no	4	3			

					SENSITIVITY				
	Surface	е Туре	Existing Con	dition	Year Con	structed	Employing Ro	Average Sensitivity Score	
Barangay	Construction materials used (e.g. concrete, asphalt, gravel, dirt)	Sensitivity Score (subject to change)	Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score
Buhatan	concrete	1	good	2	2000	1	no	4	2
Abuyog	concrete	1	excellent	1	2005	1	no	4	2
Capuy	concrete	1	excellent	1	2000	1	no	4	2
	concrete	1	good	2	2003	1	no	4	2
Bulabog	concrete	1	excellent	1	1976	4	no	4	3
Basud	concrete	1	excellent	1	2003	1	no	4	2
Ticol	concrete	1	excellent	1	1976	4	no	4	3
Barayong	concrete	1	good	2	1976	4	no	4	3
	concrete	1	good	2	1976	4	no	4	3
Gimaloto	concrete	1	good	2	1976	4	no	4	3
	concrete	1	good	2	1976	4	no	4	3
Pamurayan	concrete	1	good	2	1976	4	no	4	3
Guinlajon		FALSE		FALSE	1976	4	no	4	4
Panlayaan	concrete	1	excellent	1	1976	4	no	4	3
Salvacion (West)	concrete	1	excellent	1	1976	4	no	4	3
Buenavista (West)	concrete	1	good	2	1976	4	no	4	3
San Isidro	concrete	1	excellent	1	1976	4	no	4	3
Bucalbucalan	concrete	1	excellent	1	1976	4	no	4	3
Rizal	concrete	1	excellent	1	1976	4	no	4	3
Bitan-o	concrete	1	excellent	1	1976	4	no	4	3
	concrete	1	good	2	1976	4	no	4	3
	concrete	1	good	2	1977	4	no	4	3
Macabog		FALSE		FALSE	1978	4	no	4	4
Pangpang		FALSE		FALSE	1979	4	no	4	4
Cambulaga	concrete	1	good	2	1980	4	no	4	3
Peñafrancia		FALSE		FALSE	1981	3	no	4	4

					SENSITIVITY							
	Surface	Surface Type		Existing Condition		structed	Employing Re	Average Sensitivity Score				
Barangay	materials used (e.g. concrete, asphalt, gravel, dirt) Sensitivity Score (subject to change)		Qualitative assessment of the existing condition of the distribution/access network (excellent, good, fair, poor/condemned)	Sensitivity Score	Before 1980, 1980- 1990, 1990-2000, 2000 and above (year ranges can be adjusted)	Sensitivity Score	Yes or No	Sensitivity Score	Rounded up average sensitivity score			
Talisay	concrete	1	excellent	1	1982	3	no	4	3			
	concrete	1	good	2	1983	3	no	4	3			
	concrete	1	excellent	1	1984	3	no	4	3			
Piot	concrete	1	excellent	1	1985	3	no	4	3			
Tugos	concrete	1	excellent	1	1986	3	no	4	3			
		FALSE		FALSE	1987	3	no	4	4			

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY

FLOOD ADAPTIVE CAPACITY

					ADAF	TIVE CAPAC	ITY					
	with no acc coverage to in related mi	Percentage of structures with no access/area coverage to infrastructure related mitigation measures		Capacity and willingness to retrofit		Insurance Coverage		Government Investments		Government Regulations on hazard mitigation zoning and structural design standards		Hazard Exposure Score
Barangay Name	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
San Roque	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.66
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Balete	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
San Jose- Maricrum	100.00%	4	А	4	100.00%	4	moderate	2	D	1	2	0.33
Salvacion (Bacon)	0.00%	1	А	4	0.00%	1	moderate	2	D	1	1	0.33
San Ramon	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.33
Bogña	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.33
San Pascual	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.66
Del Rosario	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Caricaran	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.98
Poblacion	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Rawis	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Balogo	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Sawanga	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Buenavista	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Bon-ot	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Bato	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Gatbo	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32

	ADAPTIVE CAPACITY											
Barangay Name	Percentage of structures with no access/area coverage to infrastructure related mitigation measures		Capacity and willingness to retrofit		Insurance Coverage		Government Investments		Government Regulations on hazard mitigation zoning and structural design standards		Average Adaptive Capacity Score	Hazard Exposure Score
	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Sta Lucia		1		FALSE		1						
Sugod	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Osiao		1				1						
Sto Niño		1				1						
Cabarbuhan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	
Sta Cruz												0
San Isidro (Bacon)												
San Vicente												
Jamislagan												
Sto Domingo												
San Juan												
Bibincahan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.33
Sampaloc	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	2.64
Sirangan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	2.64
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Burabod	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	4
San Juan	0.00%	1	A	4	0.00%	1	moderate moderate	2	D D	1	1	1.32
(Roro)		'				-			_	·	'	
Polvorista	0.00%	1	A	4	0.00%	1	moderate	2	D	1	1	1.32
0.1	0.00%	l l	A	4	0.00%	1	moderate	2	D	1	l l	2.64
Sulucan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	4
Almendras - Cogon	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.99
Salog	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	4
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	2.64
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Cabid-an	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32

	ADAPTIVE CAPACITY											
Barangay Name	Percentage of structures with no access/area coverage to infrastructure related mitigation measures		Capacity and willingness to retrofit		Insurance Coverage		Government Investments		Government Regulations on hazard mitigation zoning and structural design standards		Average Adaptive Capacity Score	Hazard Exposure Score
	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Balogo (East)	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.99
Marinas												
Buhatan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Abuyog	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Capuy	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Bulabog	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Basud	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Ticol	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Barayong	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.33
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.99
Gimaloto	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Pamurayan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Guinlajon												
Panlayaan Salvacion (West)												
Buenavista (West)	0.00%	1	А	4	0.00%	1	moderate	2	D	1	1	0.99
San Isidro						1						
Bucalbucalan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.33
Rizal	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	2.64
Bitan-o	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Macabog												

	ADAPTIVE CAPACITY											
Barangay Name	Percentage of structures with no access/area coverage to infrastructure related mitigation measures		Capacity and willingness to retrofit		Insurance Coverage		Government Investments		Government Regulations on hazard mitigation zoning and structural design standards		Average Adaptive Capacity Score	Hazard Exposure Score
	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Pangpang						1						
Cambulaga	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Peñafrancia												
Talisay	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Piot	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Tugos	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE ADAPTIVE CAPACITY

					ADAPT	VE CAPACITY						
	Percentage of struct access/area cov infrastructure related measures	erage to d mitigation		d willingness trofit	Insurance	Coverage	Government	Investments	Government on hazard zoning and design s	mitigation d structural	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay Name	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
San Roque	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Balete	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
San Jose- Maricrum	100.00%	4	А	4	100.00%	4	moderate	2	D	1	3	0
Salvacion (Bacon)	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
San Ramon	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Bogña	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
San Pascual	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Del Rosario	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Caricaran	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Poblacion	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Rawis	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Balogo	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Sawanga	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Buenavista	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.66
Bon-ot	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Bato	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Gatbo	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Sta Lucia		1	Α	4		1		FALSE		FALSE	1	#DIV/0!
Sugod	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Osiao	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	4
Sto Niño	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.98
Cabarbuhan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Sta Cruz		1	Α	4	1	1		FALSE		FALSE	1	#DIV/0!

					ADAPTI	VE CAPACITY						
	Percentage of struct access/area cov infrastructure related measures	erage to d mitigation		d willingness trofit	Insurance	Coverage	Government	Investments	Government on hazard zoning and design st	mitigation d structural	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay Name	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
San Isidro		1	Α	4		1		FALSE		FALSE	1	#DIV/0!
(Bacon) San Vicente		1	A	4		1		FALSE		FALSE	1	#DIV/0!
Jamislagan	0.00%	<u>'</u>	A	4	0.00%	1	moderate	2	D	1 ALSE	1	0.66
Sto Domingo	0.0070	1	A	4	0.00%	1	moderate	FALSE		FALSE	1	#DIV/0!
San Juan	0.00%	 1	A	4	0.00%	1	moderate	2	D	1	1	1.32
Bibincahan	0.00%	 1	A	4	0.00%	1	moderate	2	D	1	1	0
Sampaloc	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Sirangan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Burabod	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
San Juan (Roro)	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Polvorista	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Sulucan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Almendras - Cogon	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Salog	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Cabid-an	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Balogo (East)	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Marinas		1	Α	4		1		FALSE		FALSE	1	1.32
Buhatan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Abuyog	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Capuy	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Bulabog	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0

					ADAPT	VE CAPACITY						
	Percentage of struct access/area cov infrastructure related measures	erage to d mitigation	Capacity an	d willingness trofit	Insurance		Government	Investments	Government on hazard zoning and design st	mitigation I structural	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay Name	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Basud	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Ticol	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Barayong	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Gimaloto	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Pamurayan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Guinlajon		1	Α	4		1		FALSE		FALSE	1	#DIV/0!
Panlayaan		1	Α	4		1		FALSE		FALSE	1	1.32
Salvacion (West)		1	А	4		1		FALSE		FALSE	1	1.32
Buenavista (West)	0.00%	1	А	4	0.00%	1	moderate	2	D	1	1	1.32
San Isidro		1	Α	4		1		FALSE		FALSE	1	1.32
Bucalbucalan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Rizal	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.99
Bitan-o	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Macabog		1	Α	4		1		FALSE		FALSE	1	#DIV/0!
Pangpang		1	Α	4		1		FALSE		FALSE	1	#DIV/0!
Cambulaga	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Peñafrancia		1	Α	4		1		FALSE		FALSE	1	#DIV/0!
Talisay	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Piot	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Tugos	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY STORM SURGE ADAPTIVE CAPACITY

					AD	APTIVE CAPAC	ITY					
N N	Percentage of with no accoverage to it related mitigat	cess/area infrastructure	Capacity and willingness to retrofit		Insurance Coverage			t Investments	on hazard zoning an	t Regulations mitigation d structural tandards	Average Adaptive Capacity Score	Hazard Exposure Score
Barangay Name	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
San Roque	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Balete	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
San Jose- Maricrum												0
Salvacion (Bacon)	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
San Ramon	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Bogña	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
San Pascual	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Del Rosario	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Caricaran	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	2.64
Poblacion	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	2.64
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	2.64
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	2.64
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	2.64
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	2.64
Rawis	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Balogo	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Sawanga	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Buenavista	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.66
Bon-ot	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Bato	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.99
Gatbo	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Sta Lucia		1	Α	4		1		FALSE		FALSE	1	#DIV/0!
Sugod	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Osiao	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Sto Niño	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Cabarbuhan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0

					AD	APTIVE CAPACI	TY					
Barangay Name	Percentage of with no accoverage to it related mitigat	cess/area nfrastructure	Capacity and willingness to retrofit		Insurance Coverage			t Investments	on hazard zoning and	t Regulations mitigation d structural tandards	Average Adaptive Capacity Score	Hazard Exposure Score
burangay Name	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Sta Cruz		1	Α	4		1		FALSE		FALSE	1	#DIV/0!
San Isidro (Bacon)		1	А	4		1		FALSE		FALSE	1	#DIV/0!
San Vicente		1	Α	4		1		FALSE		FALSE	1	#DIV/0!
Jamislagan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Sto Domingo		1	Α	4		1		FALSE		FALSE	1	#DIV/0!
San Juan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Bibincahan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Sampaloc	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	4
Sirangan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	4
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Burabod	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
San Juan (Roro)	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Polvorista	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Sulucan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Almendras - Cogon	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Salog	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Cabid-an	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Balogo (East)	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Marinas		1	Α	4		1		FALSE		FALSE	1	0
Buhatan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Abuyog	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Capuy	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Bulabog	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Basud	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Ticol	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Barayong	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0.33

					AD	APTIVE CAPACI	TY					
Barangay Name	Percentage of with no accoverage to it related mitigat	cess/area nfrastructure	Capacity and willingness to retrofit		Insurance Coverage		Government	t Investments			Average Adaptive Capacity Score	Hazard Exposure Score
Burangay Name	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Gimaloto	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Pamurayan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	1.32
Guinlajon		1	Α	4		1		FALSE		FALSE	1	#DIV/0!
Panlayaan		1	Α	4		1		FALSE		FALSE	1	0
Salvacion (West)		1	Α	4		1		FALSE		FALSE	1	0
Buenavista (West)	0.00%	1	А	4	0.00%	1	moderate	2	D	1	1	0
San Isidro		1	Α	4		1		FALSE		FALSE	1	0
Bucalbucalan	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Rizal	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
Bitan-o	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%	1	Α	4	0.00%	1	moderate	2	D	1	1	0
	0.00%		Α	4	0.00%	1	moderate	2	D	1	2	0
Macabog			Α	4		1		FALSE		FALSE	#DIV/0!	#DIV/0!
Pangpang			Α	4		1		FALSE		FALSE	#DIV/0!	#DIV/0!
Cambulaga	0.00%		Α	4	0.00%	1	moderate	2	D	1	2	0
Peñafrancia			Α	4		1		FALSE		FALSE	#DIV/0!	#DIV/0!
Talisay	0.00%		Α	4	0.00%	1	moderate	2	D	1	2	0
	0.00%		Α	4	0.00%	1	moderate	2	D	1	2	1.32
	0.00%		Α	4	0.00%	1	moderate	2	D	1	2	1.32
Piot	0.00%		Α	4	0.00%	1	moderate	2	D	1	2	1.32
Tugos	0.00%		Α	4	0.00%	1	moderate	2	D	1	2	0.33

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **TSUNAMI ADAPTIVE CAPACITY**

					ADA	PTIVE CAPAC	CITY					
	Percentage of structures with no access/area coverage to infrastructure related mitigation measures		Capacity and willingness to retrofit		Insurance Coverage		Government Investments		Government Regulations on hazard mitigation zoning and structural design standards		Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
San Roque	14.00%	3	Α	4	40.00%	4	moderate	2	D	1	2	0
	12.00%	3	В	3	15.00%	3	moderate	2	С	2	2	0
Balete	13.00%	3	В	3	15.00%	3	moderate	2	Α	4	2	0
	100.00%	4	Α	4	100.00%	4	low	1	Α	4	3	0
San Jose- Maricrum												0
Salvacion (Bacon)	100.00%	4	Α	4	100.00%	4	low	1	Α	4	3	0.33
San Ramon	100.00%	4	Α	4	100.00%	4	low	1	Α	4	3	0
Bogña	100.00%	4	Α	4	100.00%	4	low	1	Α	4	3	0
San Pascual	100.00%	4	Α	4	100.00%	4	low	1	Α	4	3	0
Del Rosario	100.00%	4	Α	4	100.00%	4	low	1	Α	4	3	1.32
Caricaran	100.00%	4	Α	4	100.00%	4	low	1	Α	4	3	1.32
Poblacion	100.00%	4	Α	4	100.00%	4	low	1	Α	4	3	1.32
	100.00%	4	Α	4	100.00%	4	low	1	Α	4	3	1.32
	100.00%	4	Α	4	100.00%	4	low	1	Α	4	3	1.32
	100.00%	4	Α	4	100.00%	4	low	1	Α	4	3	1.32
	100.00%	4	Α	4	50.00%	4	low	1	Α	4	3	1.32
Rawis	100.00%	4	Α	4	50.00%	4	low	1	A	4	3	1.32
Balogo	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	1.32
Sawanga	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	1.32
Buenavista	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	0.99
Bon-ot	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	0
Bato	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	0.66
Gatbo	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	0
Sta Lucia	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	#DIV/0!
Sugod	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	0
Osiao	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	0.66
Sto Niño	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	0

					ADA	APTIVE CAPAC	CITY					
	Percentage of structures with no access/area coverage to infrastructure related mitigation measures		Capacity and willingness to retrofit		Insurance Coverage		Government Investments		Government Regulations on hazard mitigation zoning and structural design standards		Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Cabarbuhan	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	0
Sta Cruz	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	#DIV/0!
San Isidro (Bacon)	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	#DIV/0!
San Vicente	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	#DIV/0!
Jamislagan	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	0
Sto Domingo	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	#DIV/0!
San Juan	100.00%	4	Α	4	50.00%	4	low	1	В	3	3	0.66
Bibincahan	100.00%	4	Α	4	30.00%	4	low	1	В	3	2	0
Sampaloc	100.00%	4	Α	4	30.00%	4	low	1	В	3	3	0
Sirangan	100.00%	4	Α	4	30.00%	4	low	1	В	3	2	0
	100.00%	4	Α	4	30.00%	4	low	1	В	3	2	0
Burabod	100.00%	4	Α	4	30.00%	4	low	1	В	3	3	0
	100.00%	4	Α	4	30.00%	4	low	1	В	3	3	0
San Juan (Roro)	100.00%	4	Α	4	30.00%	4	low	1	В	3	3	0
Polvorista	100.00%	4	Α	4	30.00%	4	low	1	В	3	3	0
	100.00%	4	Α	4	30.00%	4	low	1	В	3	3	0
Sulucan	100.00%	4	Α	4	30.00%	4	low	1	В	3	3	0
Almendras - Cogon	100.00%	4	Α	4	30.00%	4	low	1	В	3	3	0
Salog	100.00%	4	Α	4	30.00%	4	moderate	2	В	3	3	0
	100.00%	4	Α	4	30.00%	4	moderate	2	В	3	3	0
	100.00%	4	Α	4	30.00%	4	moderate	2	В	3	3	0
Cabid-an	100.00%	4	Α	4	30.00%	4	moderate	2	В	3	3	0
	100.00%	4	Α	4	30.00%	4	moderate	2	В	3	3	0
Balogo (East)	100.00%	4	Α	4	30.00%	4	moderate	2	В	3	3	0
Marinas	100.00%	4	Α	4	30.00%	4	moderate	2	В	3	3	0
Buhatan	100.00%	4	Α	4	30.00%	4	moderate	2	В	3	3	0
Abuyog	100.00%	4	Α	4	30.00%	4	moderate	2	В	3	3	0

					ADA	APTIVE CAPAC	CITY					
	Percentage of structures with no access/area coverage to infrastructure related mitigation measures		Capacity and willingness to retrofit		Insurance Coverage		Government Investments		Government Regulations on hazard mitigation zoning and structural design standards		Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Capuy	100.00%	4	С	2	30.00%	4	moderate	2	В	3	2	0
	100.00%	4	С	2	30.00%	4	moderate	2	В	3	2	0
Bulabog	100.00%	4	С	2	30.00%	4	moderate	2	В	3	3	0
Basud	100.00%	4	С	2	30.00%	4	moderate	2	В	3	2	0
Ticol	50.00%	4	С	2	30.00%	4	moderate	2	В	3	3	0
Barayong	50.00%	4	С	2	30.00%	4	moderate	2	В	3	3	0
	50.00%	4	С	2	30.00%	4	moderate	2	В	3	3	0
Gimaloto	50.00%	4	С	2	75.00%	4	moderate	2	В	3	3	0
	50.00%	4	С	2	75.00%	4	moderate	2	В	3	3	0
Pamurayan	50.00%	4	С	2	75.00%	4	moderate	2	В	3	3	0
Guinlajon	50.00%	4	С	2	75.00%	4	moderate	2	В	3	3	#DIV/0!
Panlayaan	50.00%	4	С	2	75.00%	4	moderate	2	В	3	3	0
Salvacion (West)	50.00%	4	С	2	75.00%	4	moderate	2	В	3	3	0
Buenavista (West)	50.00%	4	С	2	75.00%	4	moderate	2	В	3	3	0
San Isidro	50.00%	4	С	2	75.00%	4	moderate	2	В	3	3	0
Bucalbucalan	50.00%	4	С	2	75.00%	4	moderate	2	В	3	3	0
Rizal	50.00%	4	С	2	75.00%	4	moderate	2	В	3	3	0
Bitan-o	50.00%	4	С	2	75.00%	4	moderate	2	В	3	3	0
	50.00%	4	С	2	75.00%	4	moderate	2	В	3	3	0
	150.00%	4	С	2	175.00%	4	moderate	2	В	3	3	0
Macabog	250.00%	4	С	2	275.00%	4	moderate	2	В	3	3	#DIV/0!
Pangpang	350.00%	4	С	2	375.00%	4	moderate	2	В	3	3	#DIV/0!
Cambulaga	450.00%	4	С	2	475.00%	4	moderate	2	В	3	3	0
Peñafrancia	550.00%	4	С	2	575.00%	4	moderate	2	В	3	3	#DIV/0!
Talisay	650.00%	4	С	2	675.00%	4	moderate	2	В	3	3	0
	750.00%	4	С	2	775.00%	4	moderate	2	В	3	3	0
	850.00%	4	С	2	875.00%	4	moderate	2	В	3	3	0

					ADA	PTIVE CAPAC	CITY					
	Percentage of structures with no access/area coverage to infrastructure related mitigation measures		-	ity and s to retrofit	Insurance	Coverage	Gover Invest	nment ments	Government Regulations on hazard mitigation zoning and structural design standards		Average Adaptive Capacity Score	Hazard Exposure Score
Barangay	Est. percentage covered by infrastructure- related measures	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Est. percentage of property covered by insurance	Adaptive Capacity Score	Capacity of government to make investments in CCA-DRR (low, moderate, high, very high)	Adaptive Capacity Score	see Scoring tab (A, B, C, D)	Adaptive Capacity Score	Rounded down average adaptive capacity score	Magnitude Score multiply to Exposure Score
Piot	950.00%	4	С	2	975.00%	4	moderate	2	В	3	3	0
Tugos	1050.00%	4	С	2	1075.00%	4	moderate	2	В	3	3	0
	1150.00%	4	С	2	1175.00%	4	moderate	2	В	3	3	#DIV/0!

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **FLOOD VULNERABILTIY**

	VULNERABI	LITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
San Roque	2.00	0.75	1.00	2.00	low
	2.00	0.75	1.00	2.00	low
Balete	2.00	0.75	1.00	2.00	low
	2.00	0.75	1.00	2.00	low
San Jose-Maricrum	1.00	0.50	1.00	3.00	low
Salvacion (Bacon)	2.00	0.75	1.00	1.00	low
San Ramon	2.00	0.75	1.00	1.00	low
Bogña	2.00	0.75	1.00	1.00	low

	VULNERABII	LITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
San Pascual	2.00	0.75	1.00	1.00	low
Del Rosario	2.00	0.75	1.00	1.00	low
Caricaran	2.00	0.75	2.00	6.00	moderate
Poblacion	2.00	0.75	1.00	2.00	low
	2.00	0.75	1.00	2.00	low
	2.00	0.75	1.00	2.00	low
	2.00	0.75	1.00	2.00	low
	2.00	0.75	1.00	2.00	low
Rawis	2.00	0.75	1.00	2.00	low
Balogo	2.00	0.75	1.00	3.00	low
Sawanga	2.00	0.75	1.00	2.00	low
Buenavista	2.00	0.75	1.00	2.00	low
Bon-ot	2.00	0.75	1.00	2.00	low
Bato	2.00	0.75	1.00	1.00	low
Gatbo	2.00	0.75	1.00	1.00	low
Sta Lucia					
Sugod	2.00	0.75	1.00	1.00	low
Osiao					
Sto Niño					
Cabarbuhan					
Sta Cruz	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
San Isidro (Bacon)					
San Vicente					
Jamislagan					
Sto Domingo					
San Juan					
Bibincahan	2.00	0.75	1.00	1.00	low
Sampaloc	2.00	0.75	2.00	6.00	moderate

	VULNERABI	LITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Sirangan	2.00	0.75	2.00	6.00	moderate
	2.00	0.75	1.00	2.00	low
Burabod	2.00	0.75	3.00	18.00	high
	2.00	0.75	1.00	1.00	low
San Juan (Roro)	2.00	0.75	1.00	1.00	low
Polvorista	2.00	0.75	1.00	1.00	low
	2.00	0.75	2.00	10.00	moderate
Sulucan	2.00	0.75	3.00	18.00	high
Almendras - Cogon	2.00	0.75	1.00	1.00	low
Salog	2.00	0.75	3.00	15.00	high
	2.00	0.75	2.00	6.00	moderate
	2.00	0.75	1.00	2.00	low
Cabid-an	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
Balogo (East)	2.00	0.75	1.00	3.00	low
Marinas					
Buhatan	2.00	0.75	1.00	3.00	low
Abuyog	2.00	0.75	1.00	1.00	low
Capuy	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
Bulabog	2.00	0.75	1.00	1.00	low
Basud	2.00	0.75	1.00	1.00	low
Ticol	2.00	0.75	1.00	1.00	low
Barayong	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
Gimaloto	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
Pamurayan	2.00	0.75	1.00	1.00	low

	VULNERABI	LITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Guinlajon					
Panlayaan					
Salvacion (West)					
Buenavista (West)	2.00	0.75	1.00	1.00	low
San Isidro					
Bucalbucalan	2.00	0.75	1.00	1.00	low
Rizal	2.00	0.75	2.00	6.00	moderate
Bitan-o	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
Macabog					
Pangpang					
Cambulaga	2.00	0.75	1.00	1.00	low
Peñafrancia					
Talisay	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
Piot	2.00	0.75	1.00	1.00	low
Tugos	2.00	0.75	1.00	1.00	low

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY LANDSLIDE VULNERABILTIY

	VULNE	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
San Roque	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Balete	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
San Jose-Maricrum	0.67	0.50	0.00	0.00	none
Salvacion (Bacon)	2.00	0.75	0.00	0.00	none
San Ramon	2.00	0.75	0.00	0.00	none
Bogña	2.00	0.75	0.00	0.00	none
San Pascual	2.00	0.75	0.00	0.00	none
Del Rosario	2.00	0.75	0.00	0.00	none
Caricaran	2.00	0.75	0.00	0.00	none
Poblacion	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Rawis	2.00	0.75	0.00	0.00	none
Balogo	2.00	0.75	0.00	0.00	none
Sawanga	2.00	0.75	0.00	0.00	none
Buenavista	2.00	0.75	1.00	1.00	low
Bon-ot	2.00	0.75	0.00	0.00	none
Bato	2.00	0.75	1.00	1.00	low
Gatbo	2.00	0.75	0.00	0.00	none
Sta Lucia	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
Sugod	2.00	0.75	0.00	0.00	none
Osiao	2.00	0.75	3.00	15.00	high
Sto Niño	2.00	0.75	2.00	6.00	moderate
Cabarbuhan	2.00	0.75	0.00	0.00	none

	VULNE	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			,
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Sta Cruz	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
San Isidro (Bacon)	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
San Vicente	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
Jamislagan	2.00	0.75	1.00	1.00	low
Sto Domingo	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
San Juan	2.00	0.75	1.00	1.00	low
Bibincahan	2.00	0.75	0.00	0.00	none
Sampaloc	2.00	0.75	0.00	0.00	none
Sirangan	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Burabod	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
San Juan (Roro)	2.00	0.75	0.00	0.00	none
Polvorista	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Sulucan	2.00	0.75	0.00	0.00	none
Almendras - Cogon	2.00	0.75	0.00	0.00	none
Salog	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Cabid-an	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Balogo (East)	2.00	0.75	0.00	0.00	none
Marinas	1.00	0.50	1.00	1.00	low
Buhatan	2.00	0.75	0.00	0.00	none
Abuyog	2.00	0.75	1.00	1.00	low
Capuy	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none

	VULNE	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Bulabog	2.00	0.75	0.00	0.00	none
Basud	2.00	0.75	0.00	0.00	none
Ticol	2.00	0.75	0.00	0.00	none
Barayong	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Gimaloto	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Pamurayan	2.00	0.75	0.00	0.00	none
Guinlajon	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
Panlayaan	1.00	0.50	1.00	1.00	low
Salvacion (West)	1.00	0.50	1.00	1.00	low
Buenavista (West)	2.00	0.75	1.00	1.00	low
San Isidro	1.00	0.50	1.00	1.00	low
Bucalbucalan	2.00	0.75	0.00	0.00	none
Rizal	2.00	0.75	1.00	1.00	low
Bitan-o	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Macabog	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
Pangpang	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
Cambulaga	2.00	0.75	0.00	0.00	none
Peñafrancia	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
Talisay	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Piot	2.00	0.75	0.00	0.00	none
Tugos	2.00	0.75	0.00	0.00	none

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY **SORM SURGE VULNERABILTIY**

	VULNE	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
San Roque	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Balete	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
San Jose- Maricrum					
Salvacion (Bacon)	2.00	0.75	0.00	0.00	none
San Ramon	2.00	0.75	0.00	0.00	none
Bogña	2.00	0.75	0.00	0.00	none
San Pascual	2.00	0.75	0.00	0.00	none
Del Rosario	2.00	0.75	0.00	0.00	none
Caricaran	2.00	0.75	2.00	8.00	moderate
Poblacion	2.00	0.75	2.00	10.00	moderate
	2.00	0.75	2.00	10.00	moderate
	2.00	0.75	2.00	10.00	moderate
	2.00	0.75	2.00	10.00	moderate
	2.00	0.75	2.00	10.00	moderate
Rawis	2.00	0.75	0.00	0.00	none
Balogo	2.00	0.75	1.00	1.00	low
Sawanga	2.00	0.75	1.00	1.00	low
Buenavista	2.00	0.75	1.00	1.00	low
Bon-ot	2.00	0.75	1.00	1.00	low
Bato	2.00	0.75	1.00	1.00	low
Gatbo	2.00	0.75	1.00	1.00	low
Sta Lucia	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!

	VULNI	ERABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Sugod	2.00	0.75	1.00	1.00	low
Osiao	2.00	0.75	0.00	0.00	none
Sto Niño	2.00	0.75	0.00	0.00	none
Cabarbuhan	2.00	0.75	0.00	0.00	none
Sta Cruz	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
San Isidro (Bacon)	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
San Vicente	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
Jamislagan	2.00	0.75	0.00	0.00	none
Sto Domingo	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
San Juan	2.00	0.75	0.00	0.00	none
Bibincahan	2.00	0.75	0.00	0.00	none
Sampaloc	2.00	0.75	3.00	18.00	high
Sirangan	2.00	0.75	3.00	18.00	high
	2.00	0.75	0.00	0.00	none
Burabod	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
San Juan (Roro)	2.00	0.75	0.00	0.00	none
Polvorista	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Sulucan	2.00	0.75	1.00	1.00	low
Almendras - Cogon	2.00	0.75	0.00	0.00	none
Salog	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
Cabid-an	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Balogo (East)	2.00	0.75	1.00	1.00	low

	VULN	ERABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Marinas	1.00	0.50	0.00	0.00	none
Buhatan	2.00	0.75	1.00	3.00	low
Abuyog	2.00	0.75	1.00	3.00	low
Capuy	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
Bulabog	2.00	0.75	1.00	1.00	low
Basud	2.00	0.75	0.00	0.00	none
Ticol	2.00	0.75	0.00	0.00	none
Barayong	2.00	0.75	1.00	1.00	low
	2.00	0.75	0.00	0.00	none
Gimaloto	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
Pamurayan	2.00	0.75	1.00	1.00	low
Guinlajon	0.00	0.25	#DIV/0!	#DIV/0!	#DIV/0!
Panlayaan	1.00	0.50	0.00	0.00	none
Salvacion (West)	1.00	0.50	0.00	0.00	none
Buenavista (West)	2.00	0.75	0.00	0.00	none
San Isidro	1.00	0.50	0.00	0.00	none
Bucalbucalan	2.00	0.75	0.00	0.00	none
Rizal	2.00	0.75	0.00	0.00	none
Bitan-o	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
	2.00	0.75	0.00	0.00	none
Macabog	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Pangpang	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Cambulaga	2.00	0.75	0.00	0.00	none
Peñafrancia	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Talisay	2.00	0.75	0.00	0.00	none

	VULNE	RABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
	2.00	0.75	1.00	1.00	low
	2.00	0.75	1.00	1.00	low
Piot	2.00	0.75	1.00	1.00	low
Tugos	2.00	0.75	1.00	1.00	low

CRITICAL POINT FACILITIES EXPOSURE DATABASE AND RISKS AND BY TYPE OF SUSCEPTIBILITY TSUNAMI VULNERABILITY

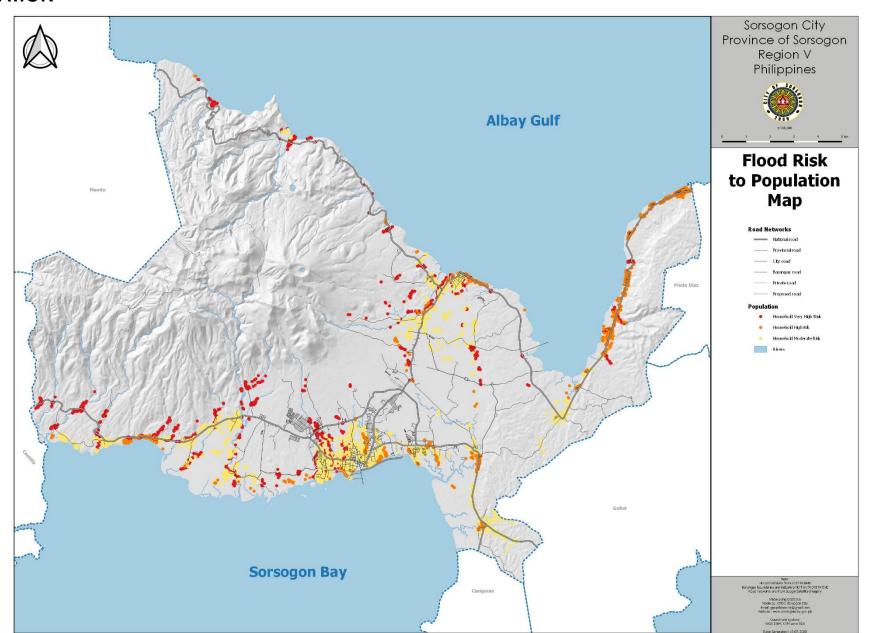
	VULNERABILITY		Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
San Roque	1.00	0.50	0.00	0.00	none
	1.00	0.50	0.00	0.00	none
Balete	1.00	0.50	0.00	0.00	none
	0.67	0.50	0.00	0.00	none
San Jose-Maricrum					
Salvacion (Bacon)	0.67	0.50	1.00	1.00	low
San Ramon	0.67	0.50	0.00	0.00	none
Bogña	1.00	0.50	0.00	0.00	none
San Pascual	1.00	0.50	0.00	0.00	none
Del Rosario	0.67	0.50	1.00	1.00	low

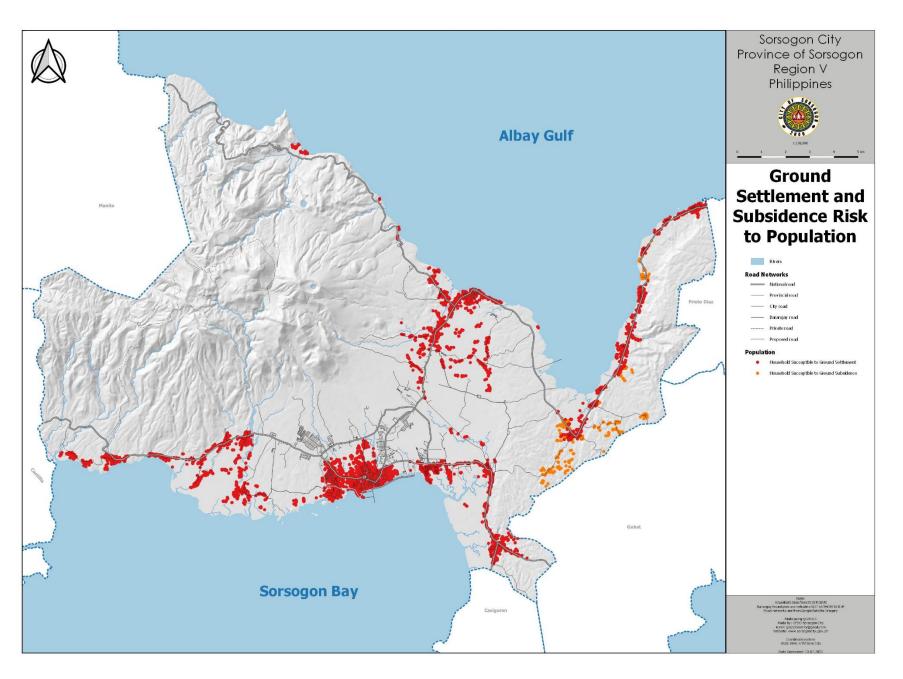
	VULNER	VULNERABILITY		Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Caricaran	0.67	0.50	1.00	1.00	low
Poblacion	0.67	0.50	1.00	1.00	low
	0.67	0.50	1.00	1.00	low
	1.00	0.50	1.00	1.00	low
	1.00	0.50	1.00	1.00	low
	1.00	0.50	1.00	1.00	low
Rawis	0.67	0.50	1.00	1.00	low
Balogo	0.67	0.50	1.00	1.00	low
Sawanga	0.67	0.50	1.00	1.00	low
Buenavista	1.00	0.50	1.00	1.00	low
Bon-ot	1.00	0.50	0.00	0.00	none
Bato	1.00	0.50	1.00	1.00	low
Gatbo	0.67	0.50	0.00	0.00	none
Sta Lucia	1.00	0.50			
Sugod	1.00	0.50	0.00	0.00	none
Osiao	1.00	0.50	1.00	1.00	low
Sto Niño	1.00	0.50	0.00	0.00	none
Cabarbuhan	0.67	0.50	0.00	0.00	none
Sta Cruz	1.00	0.50			
San Isidro (Bacon)	1.33	0.75			
San Vicente	1.33	0.75			
Jamislagan	1.00	0.50	0.00	0.00	none
Sto Domingo	1.00	0.50			
San Juan	0.67	0.50	1.00	1.00	low
Bibincahan	0.50	0.25	0.00	0.00	none
Sampaloc	0.67	0.50	0.00	0.00	none
Sirangan	0.50	0.25	0.00	0.00	none
	0.50	0.25	0.00	0.00	none

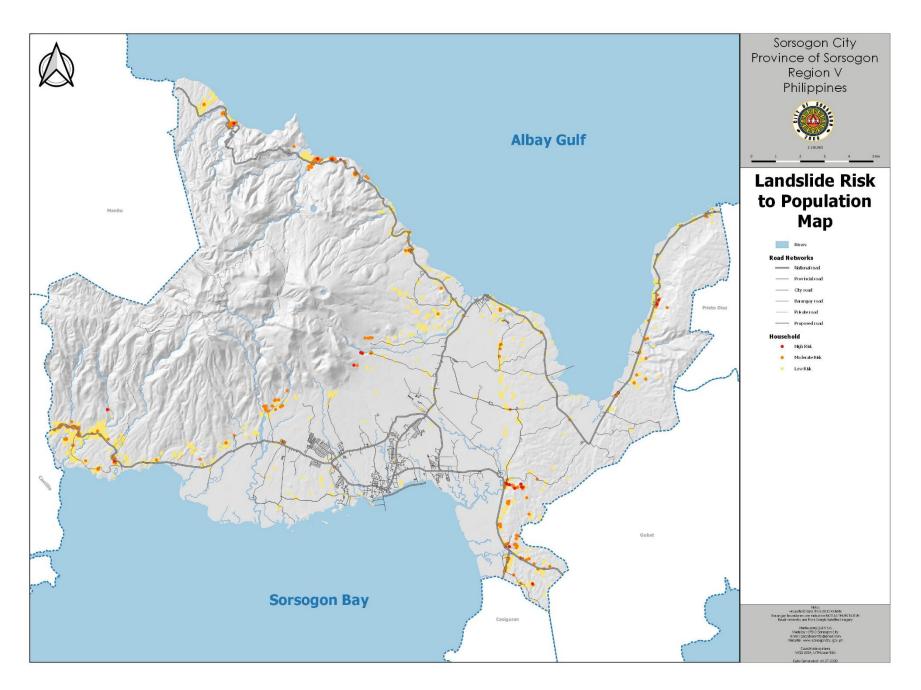
	VULNER	ABILITY	Severity of Consequence Score	Risk Score	Risk Category
	Vulnerability Index	Vulnerability Score			
Barangay Name	Sensitivity Score divided by Adaptive Capacity Score	Vulenrability Scores are based on the calculated Vulenrability Index (see Scoring tab)	Rounded up the product of Hazard ExposureScore and Vulnerability Score	Severity of Consequence multiply to likelihood of Occurrence	see Scoring Tab
Burabod	0.67	0.50	0.00	0.00	none
	0.67	0.50	0.00	0.00	none
San Juan (Roro)	0.67	0.50	0.00	0.00	none
Polvorista	0.67	0.50	0.00	0.00	none
	0.67	0.50	0.00	0.00	none
Sulucan	0.67	0.50	0.00	0.00	none
Almendras - Cogon	0.67	0.50	0.00	0.00	none
Salog	0.67	0.50	0.00	0.00	none
	0.67	0.50	0.00	0.00	none
	1.00	0.50	0.00	0.00	None
Cabid-an	1.00	0.50	0.00	0.00	None11
	1.00	0.50	0.00	0.00	none
Balogo (East)	1.00	0.50	0.00	0.00	none

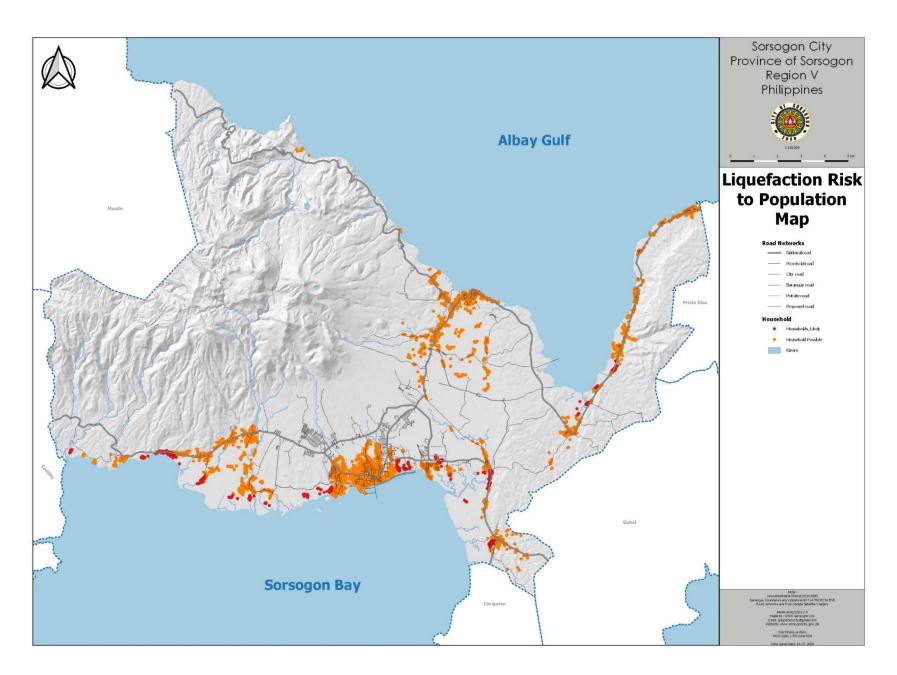
Marinas	1.00	0.50	0.00	0.00	none
Buhatan	0.67	0.50	0.00	0.00	none
Abuyog	0.67	0.50	0.00	0.00	none
Сариу	1.00	0.50	0.00	0.00	none
	1.00	0.50	0.00	0.00	none
Bulabog	1.00	0.50	0.00	0.00	none
Basud	1.00	0.50	0.00	0.00	none
Ticol	1.00	0.50	0.00	0.00	none
Barayong	1.00	0.50	0.00	0.00	none
	1.00	0.50	0.00	0.00	none
Gimaloto	1.00	0.50	0.00	0.00	none
	1.00	0.50	0.00	0.00	none
Pamurayan	1.00	0.50	0.00	0.00	none
Guinlajon	1.33	0.75	#DIV/0!	#DIV/0!	#DIV/0!
Panlayaan	1.00	0.50	0.00	0.00	none
Salvacion (West)	1.00	0.50	0.00	0.00	none
Buenavista (West)	1.00	0.50	0.00	0.00	none
San Isidro	1.00	0.50	0.00	0.00	none
Bucalbucalan	1.00	0.50	0.00	0.00	none
Rizal	1.00	0.50	0.00	0.00	none
Bitan-o	1.00	0.50	0.00	0.00	none
	1.00	0.50	0.00	0.00	none
	1.00	0.50	0.00	0.00	none
Macabog	1.33	0.75	#DIV/0!	#DIV/0!	#DIV/0!
Pangpang	1.33	0.75	#DIV/0!	#DIV/0!	#DIV/0!
Cambulaga	1.00	0.50	0.00	0.00	none
Peñafrancia	1.33	0.75	#DIV/0!	#DIV/0!	#DIV/0!
Talisay	1.00	0.50	0.00	0.00	none
	1.00	0.50	0.00	0.00	none
	1.00	0.50	0.00	0.00	none
Piot	1.00	0.50	0.00	0.00	none
Tugos	1.00	0.50	0.00	0.00	none
	1.33	0.75	#DIV/0!	#DIV/0!	#DIV/0!

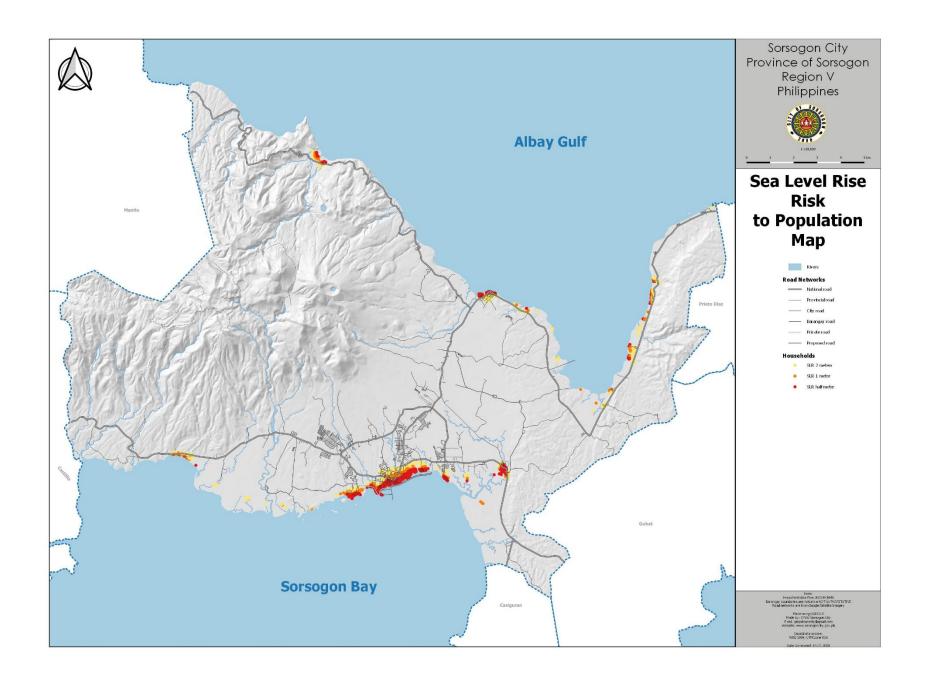
VIII. CDRA MAPS POPULATION

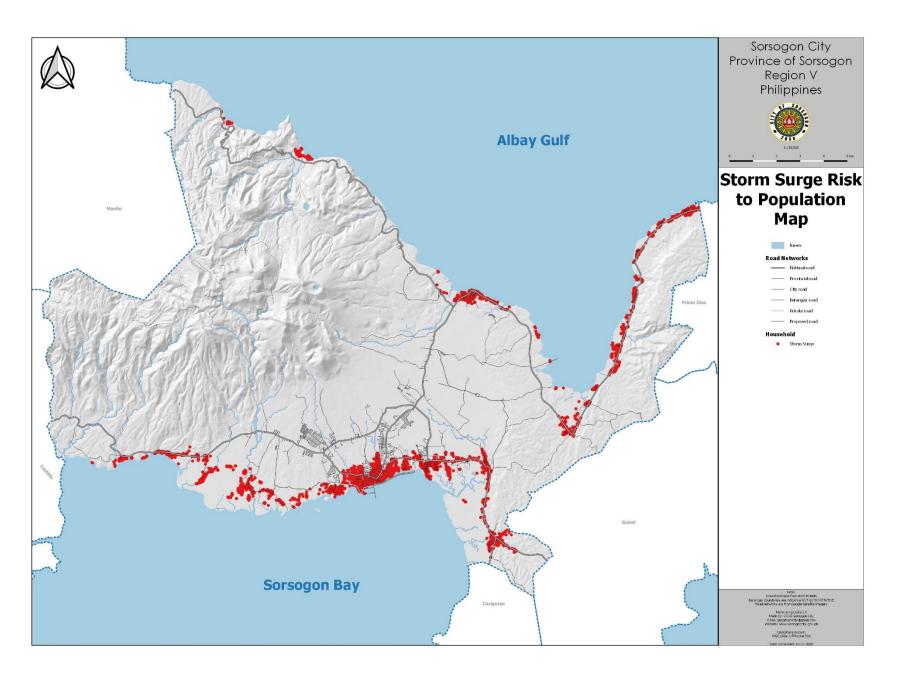


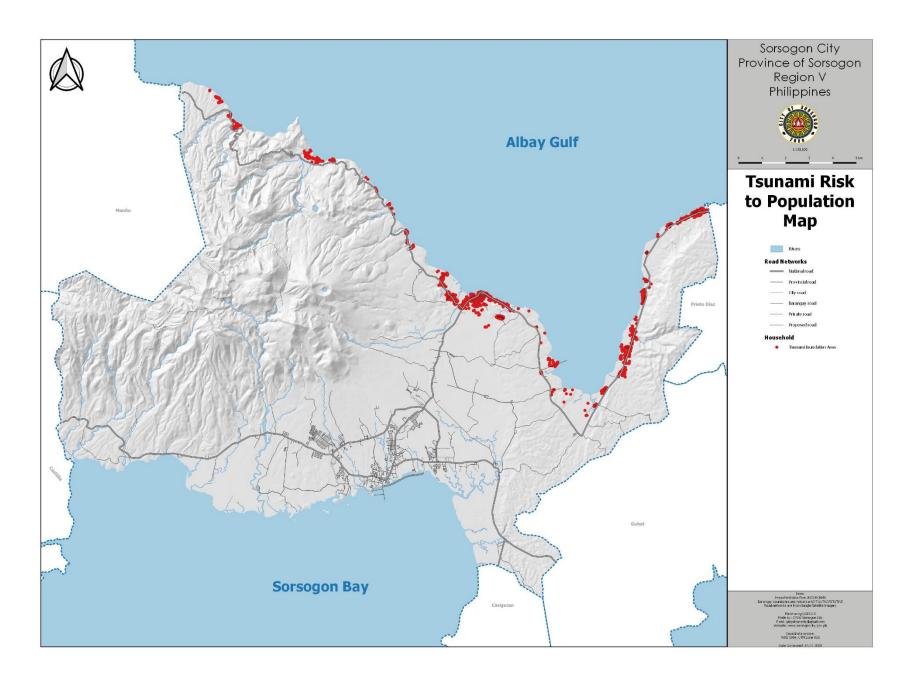




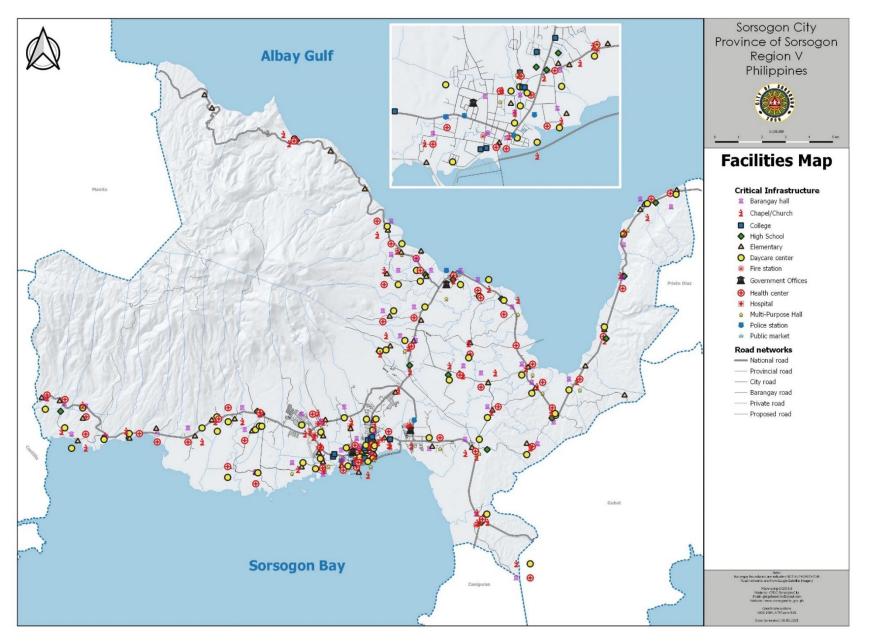


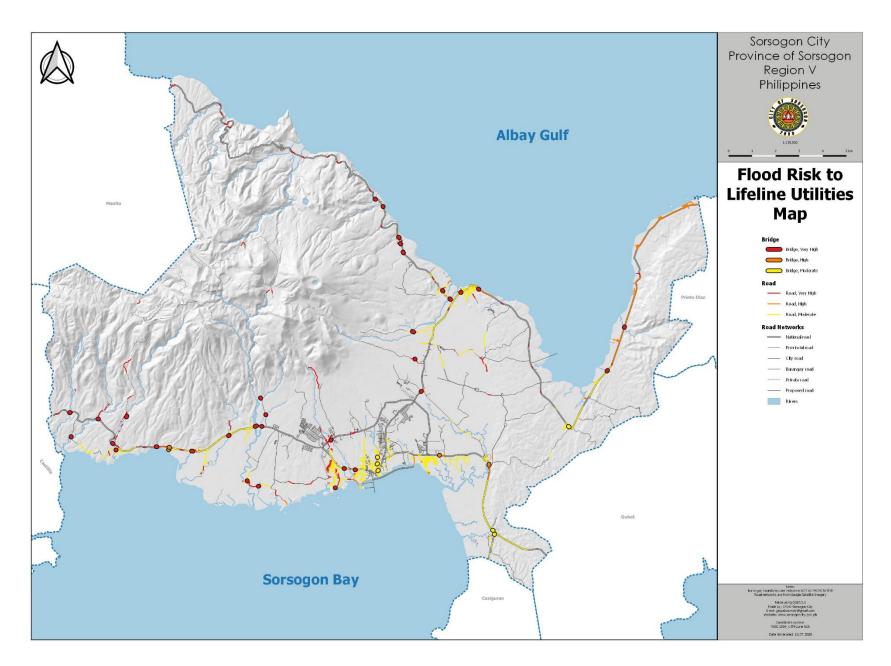


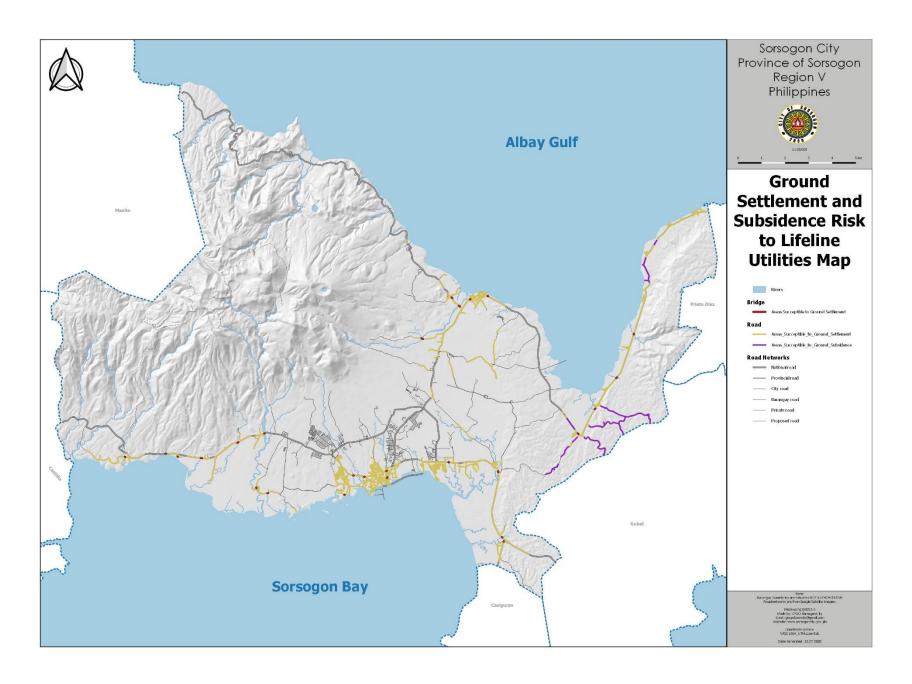


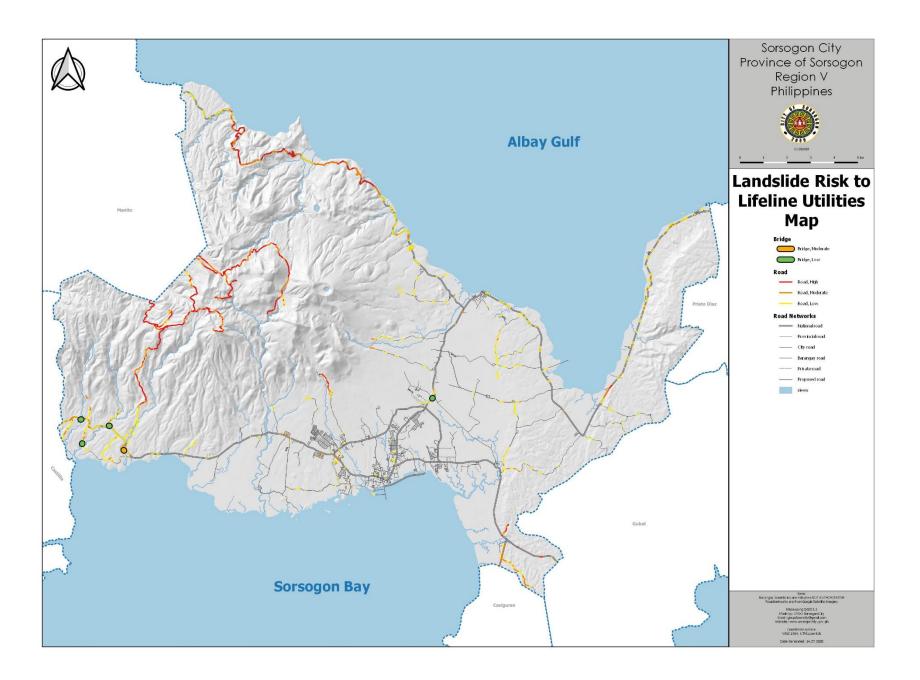


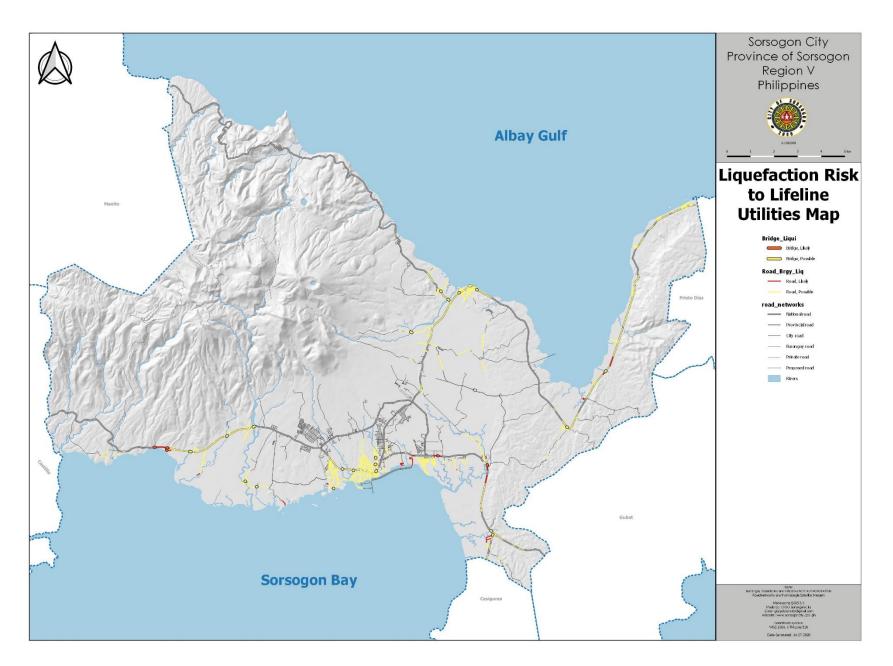
LIFELINE UTILITIES

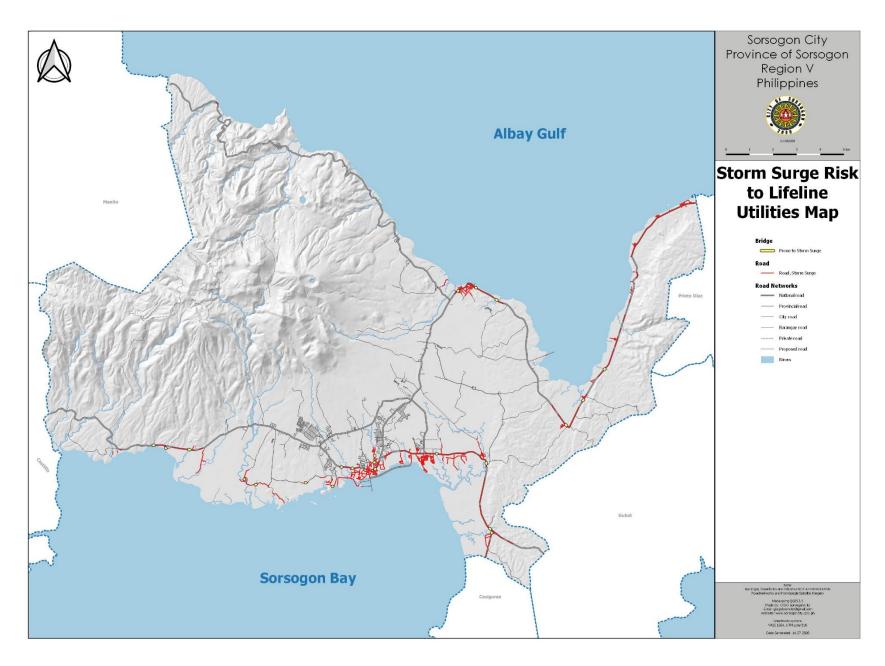


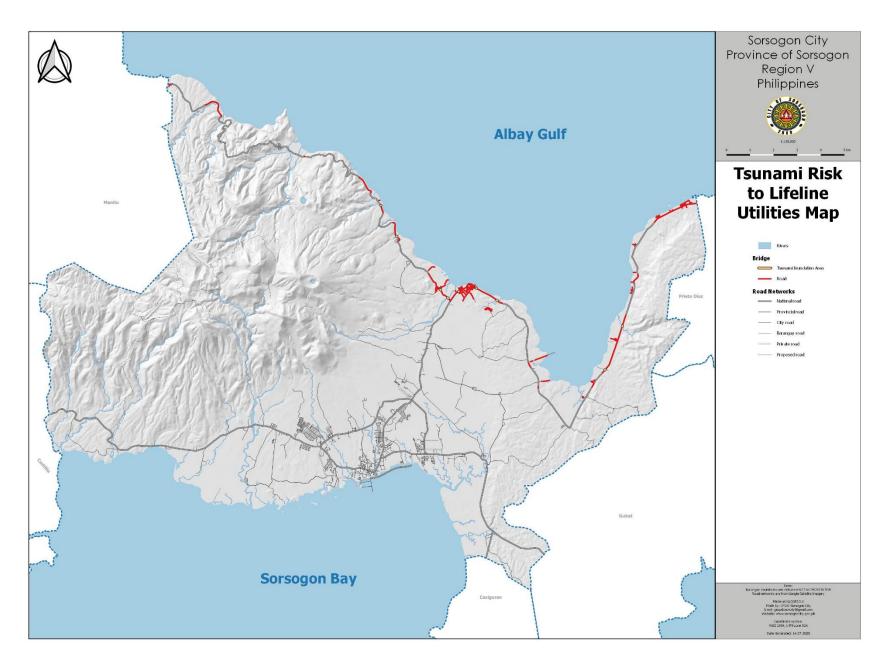




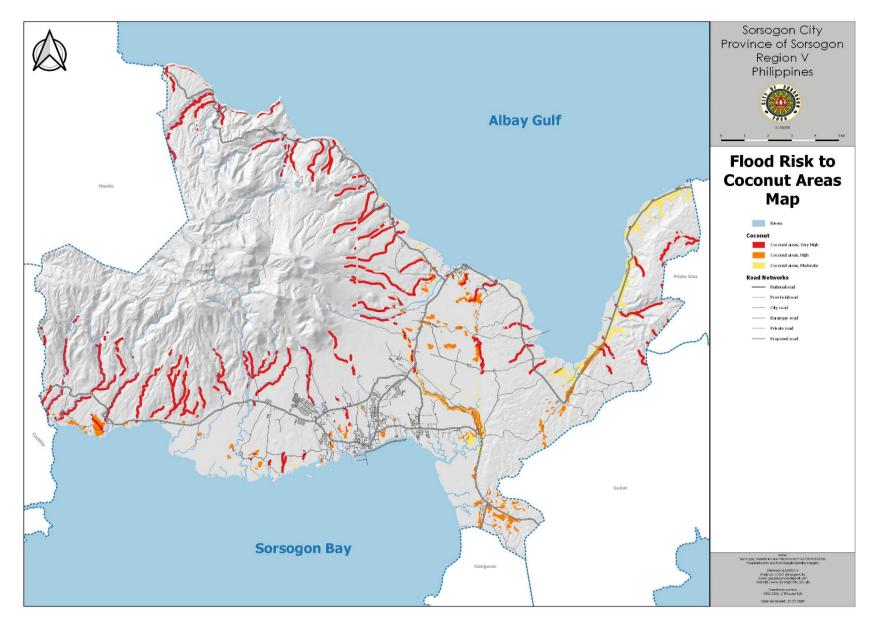


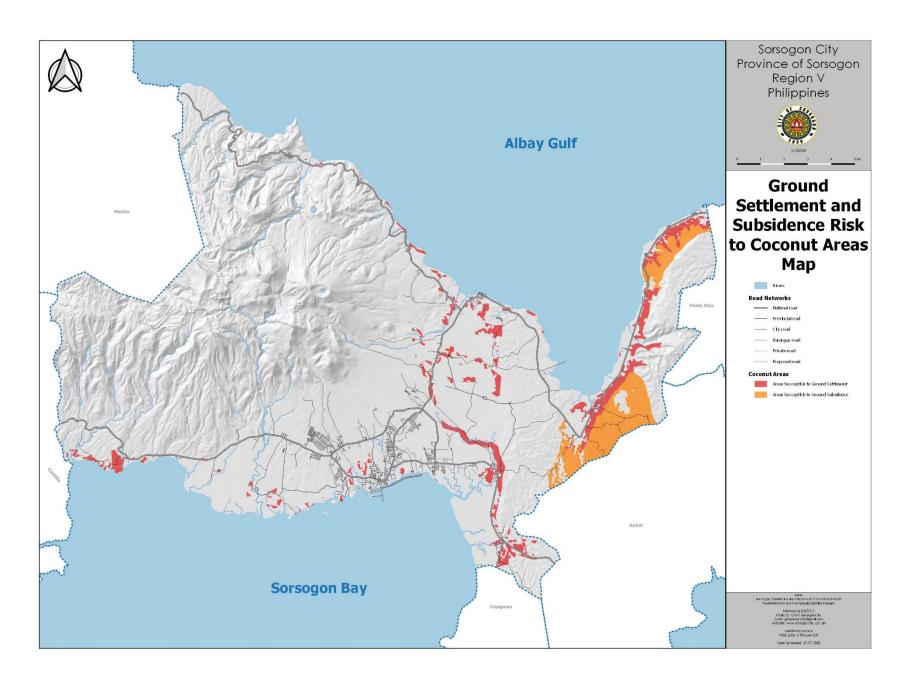


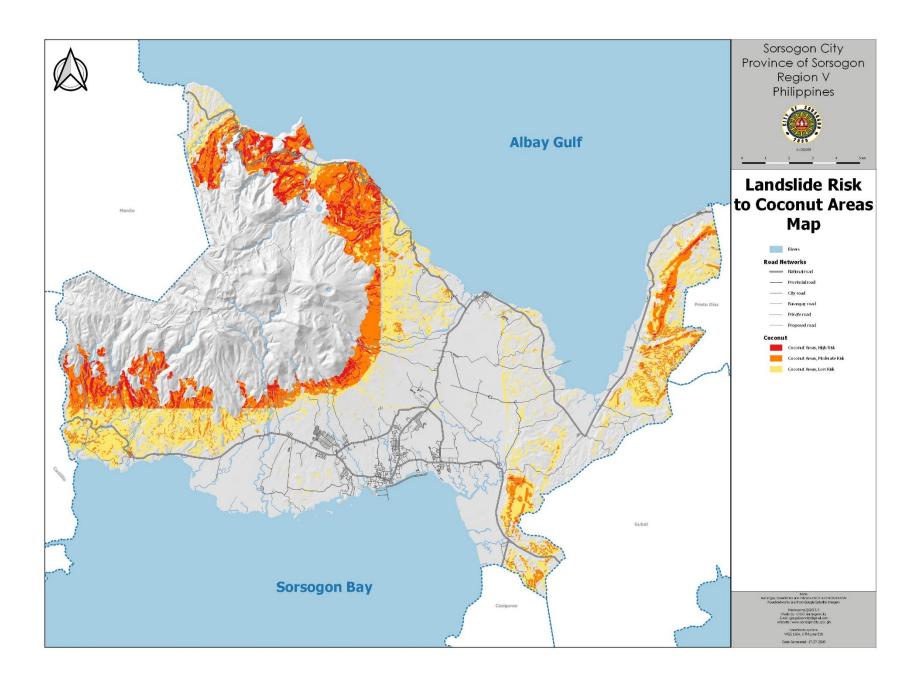


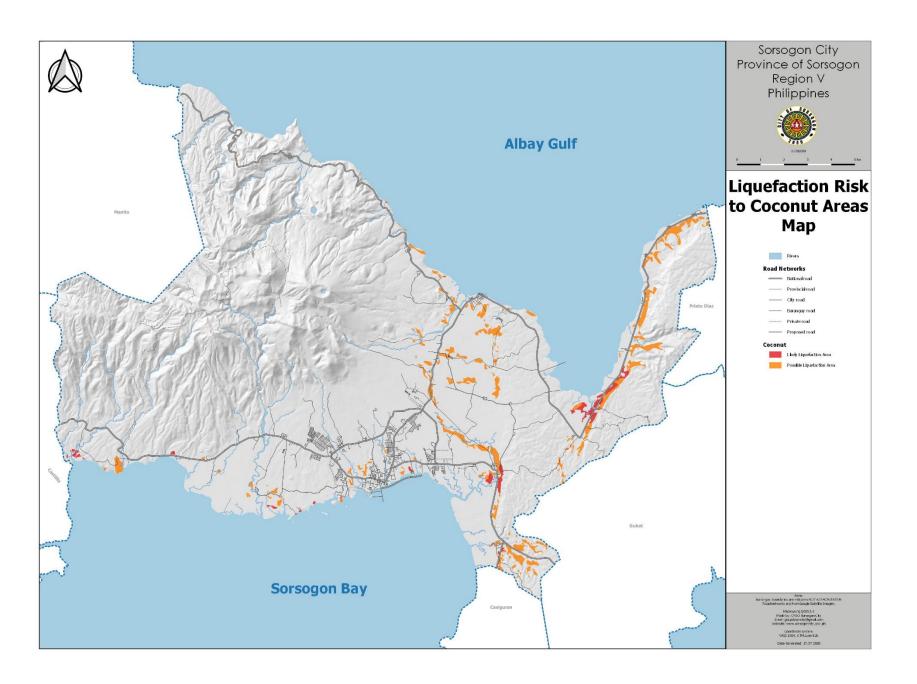


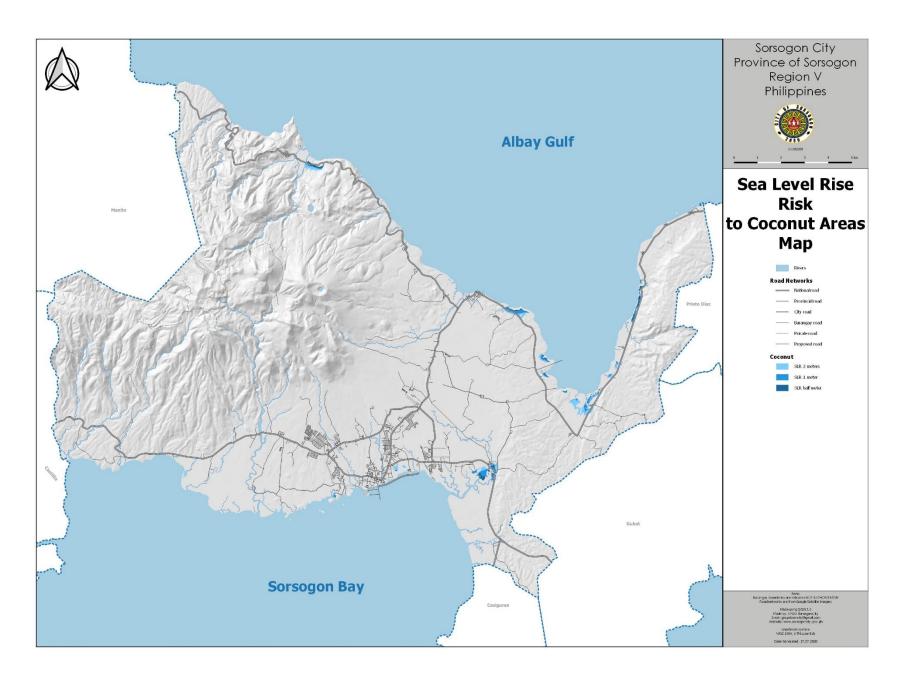
NATURAL-RESOURCED BASE PRODUCTION AREA Coconut

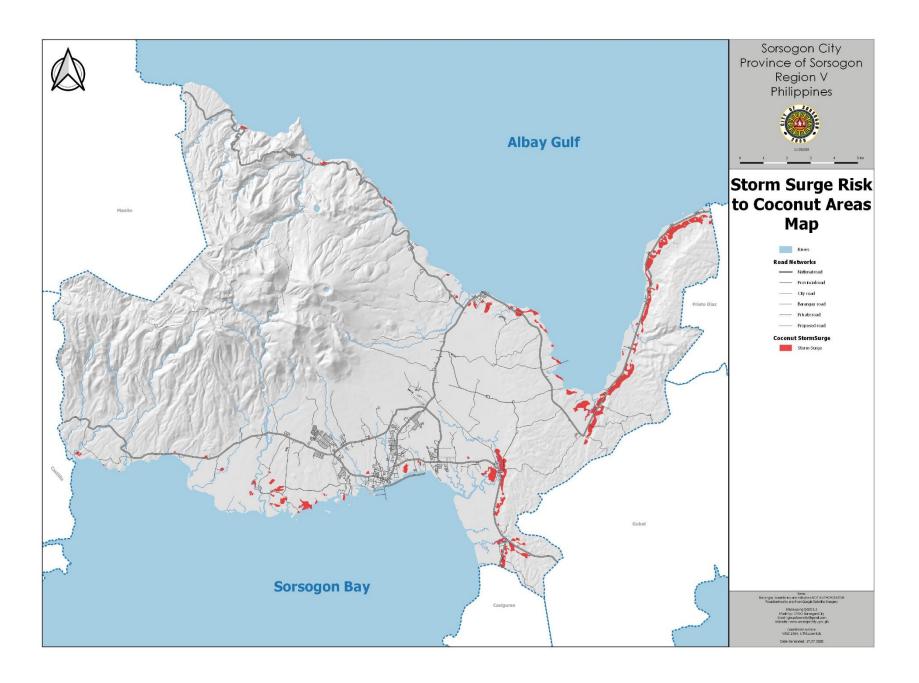


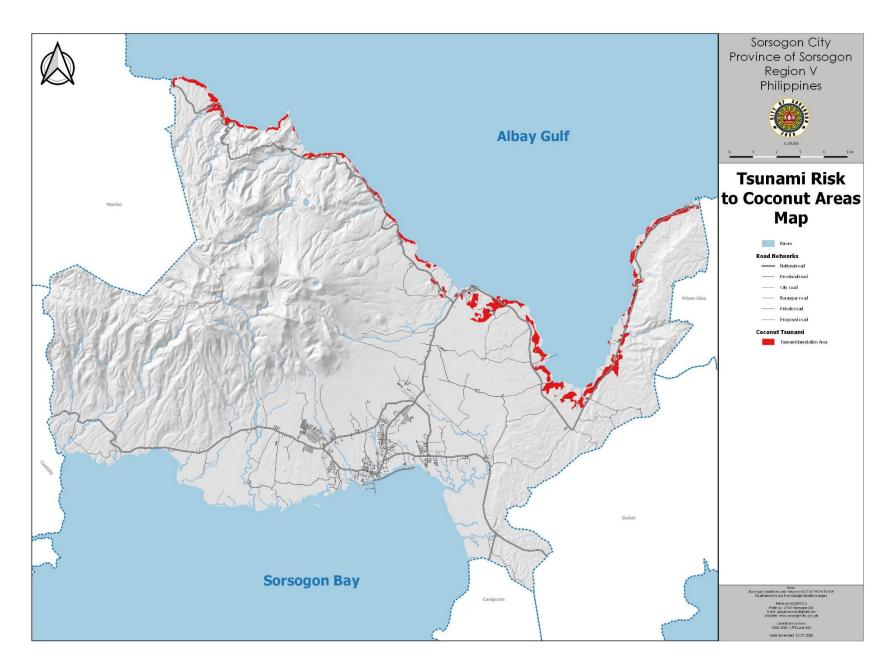




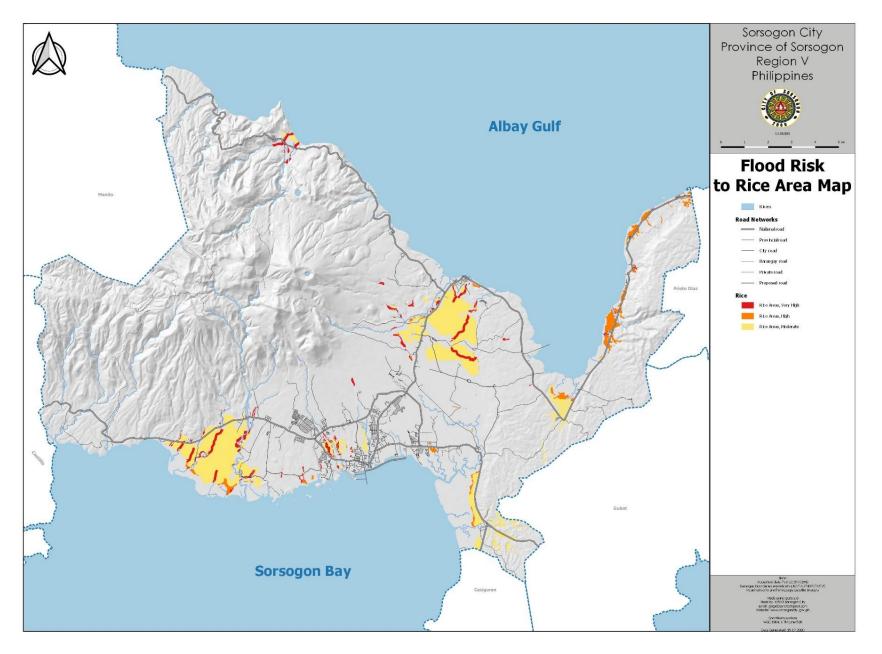


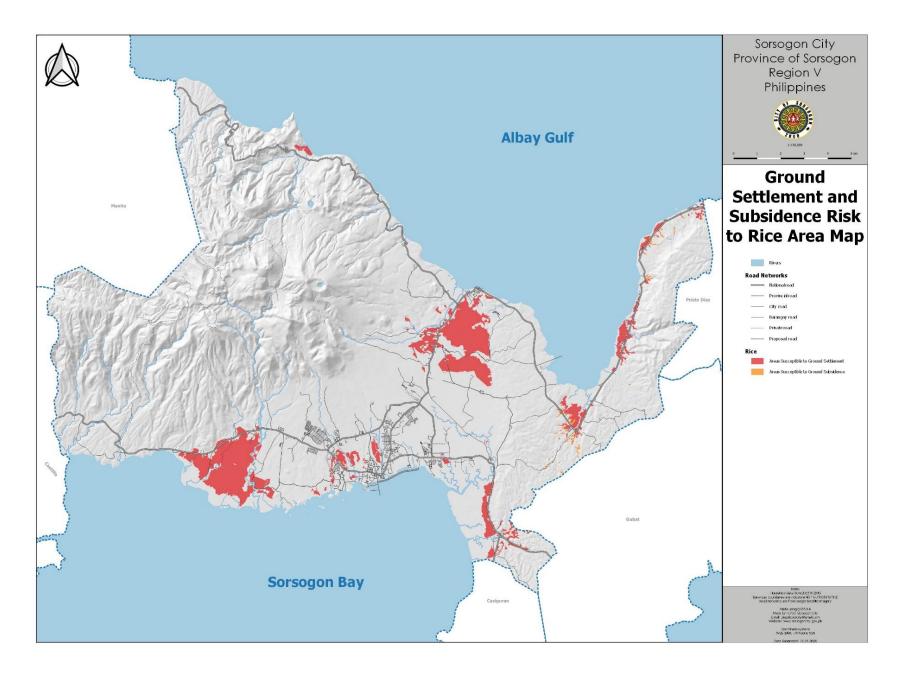


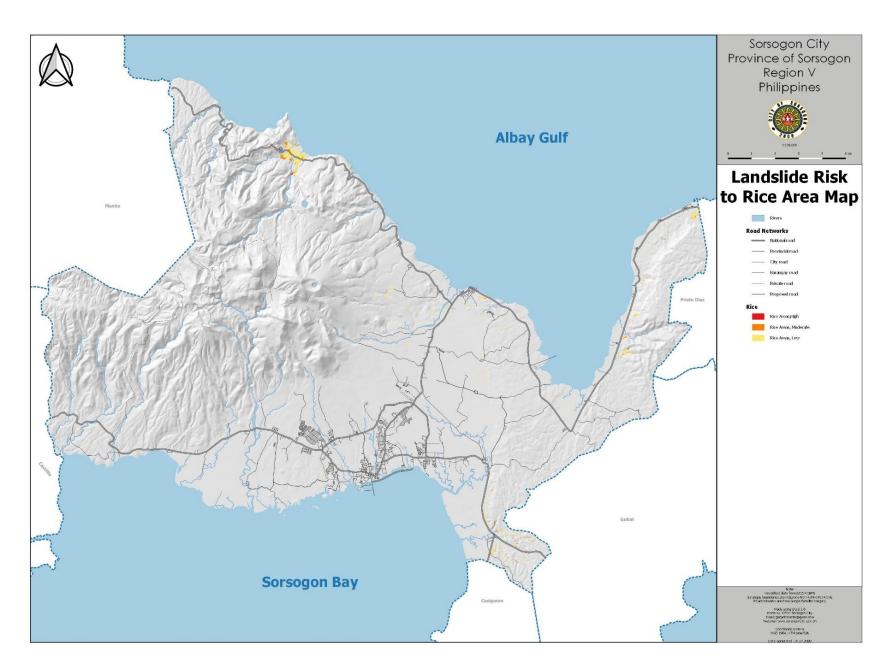


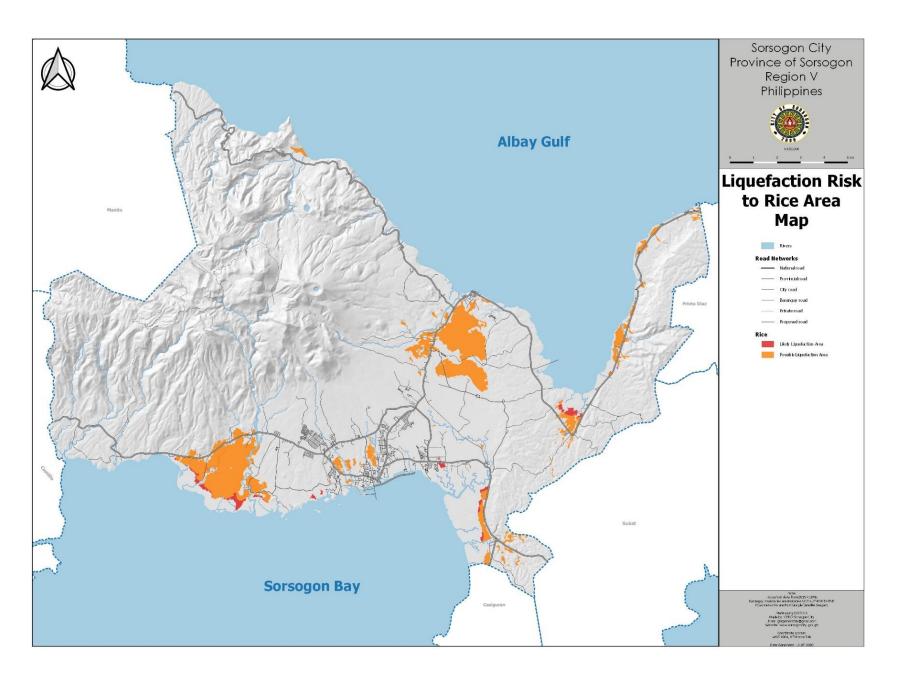


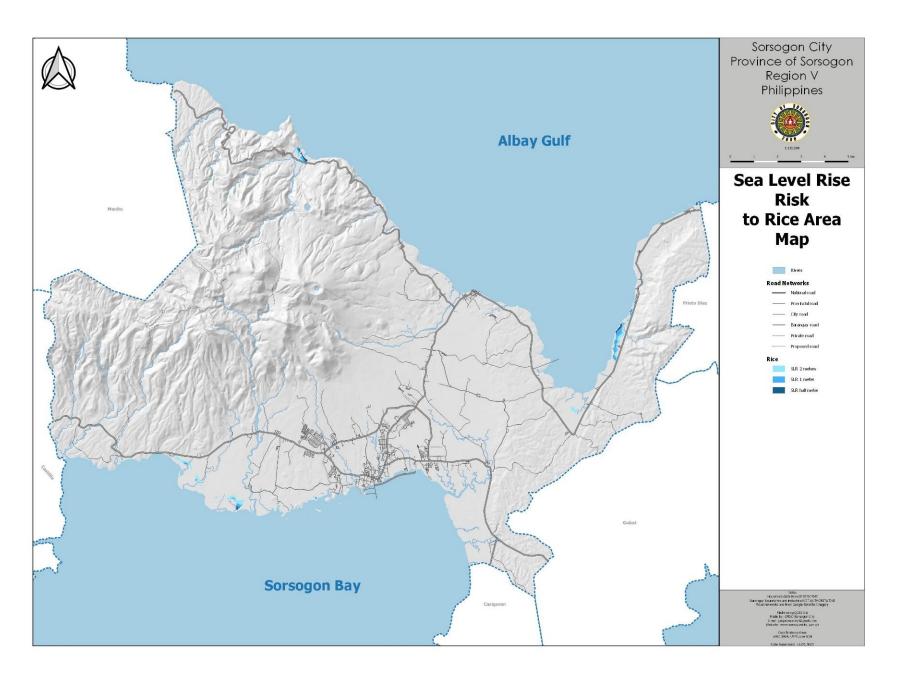
Rice

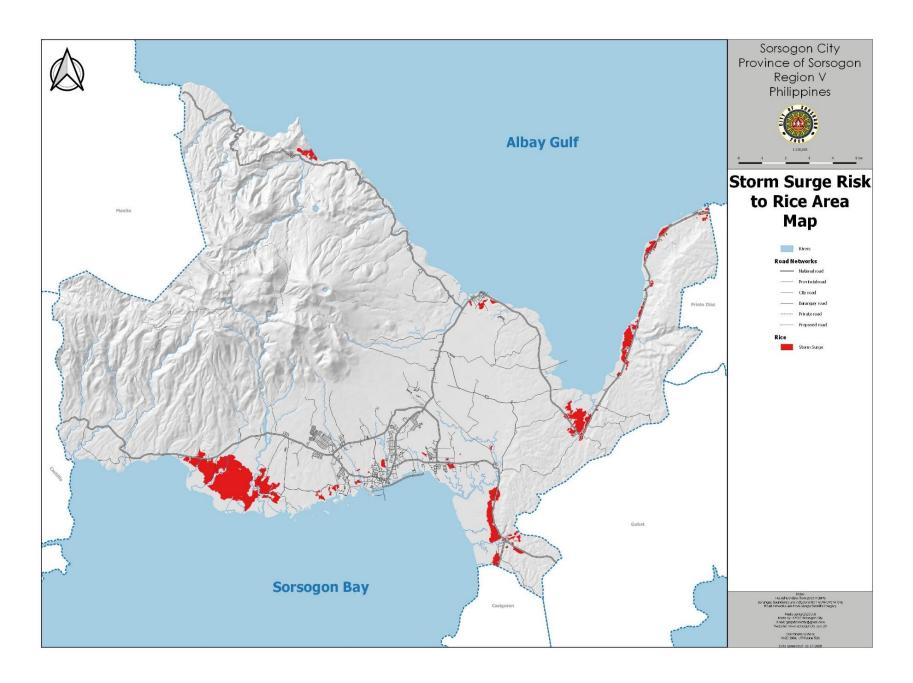


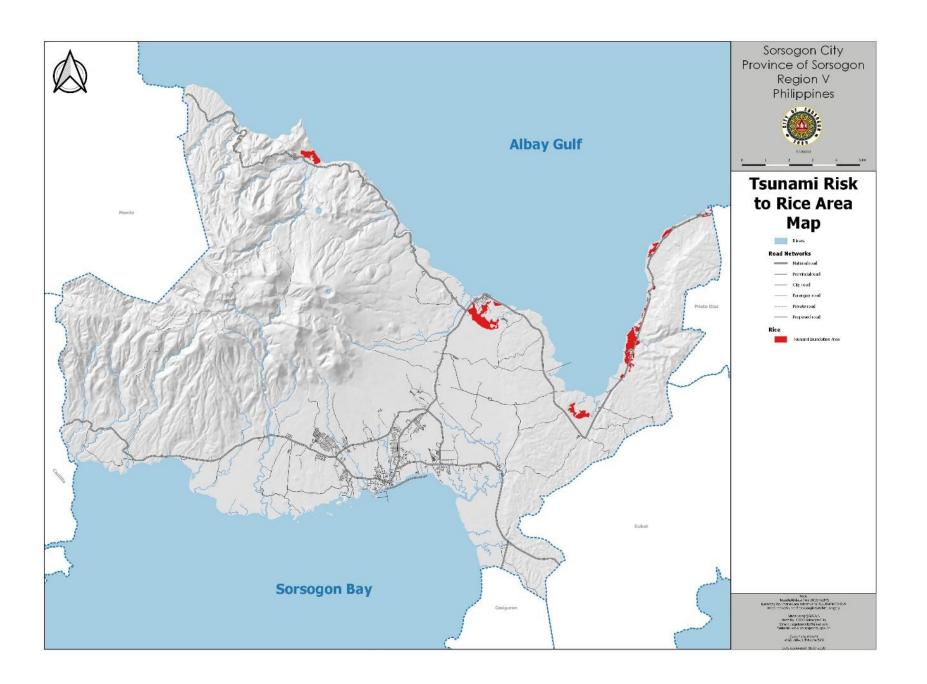












B. Adaptive Capacity

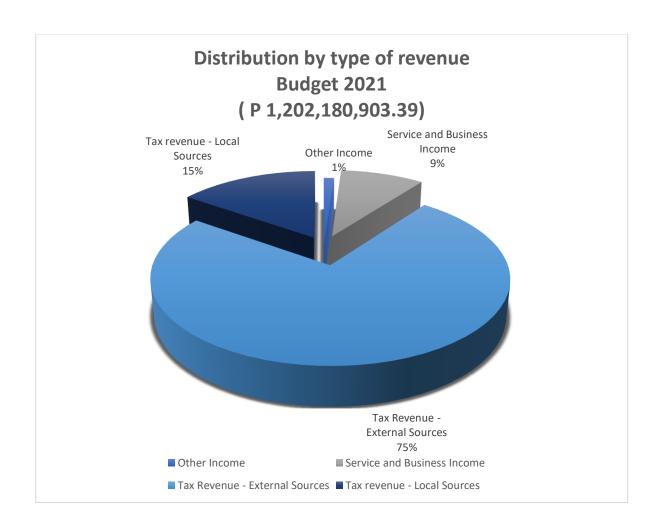
1. Wealth – Financial Resource

In an effort of continuing the transformation of Sorsogon City into a globally competitive city and despite of the challenges that the city is facing due to effects of the pandemic, mandated programs, project and activities will be implemented giving emphasis to the Ten-Point Agenda - the flagship program of the current administration. These are Sorsogon Exclusively Living for Individual Enhancement (SELFIE) Program, Mercado, Orgulyo Ko, Yes to Children Assistance Program, Tanging Yaman, Kalusugan Mo, Sagot Ko, GROUPIE (Gender Responsive for Organized and United Persons with Disabilities, Indigents, and the Elderly), Seguridad, Kaayusan, Katranquilohan asin Kauswagan (SK3), Sulay sa Futuro (Youth Assistance Program), Gayon Sorsogon and Taas Noo, Ciudadano Ako.

For FY 2021, the proposed budget is P 1,202,180,903.39 distributed to the following:

a. Personal Services	P 311,107,887.25
b. Maintenance & Other Operating Expenses	P 279,220,536.74
c. Capital Outlay	P 33, 703,795.51
d. Financial Expenses	P 100,000.00
e. City Special Programs, Projects and Activities	P 332,871,000.00
f. 20% Development Fund	P 175,500,000.00
g. 5% Calamity Fund	P 60,109,045.17
h. Special Purpose Appropriations	P 8,568,638.72

In order to sustain and support the identified programs for social, economic, environment, infrastructure and institutional sectors, locally sourced revenue collection must be intensified since the city is still IRA dependent.



2. Information – Level of Knowledge

Communication infrastructure in City of Sorsogon is very much created and at standard with the most recent technology accessible in the country. Different companies take part in the procurement of mobile telecommunications, internet, broadcast media and publishing services.

The Smart Communication and Globe cellular network are easily accessible and have good transceiving signals through mobile system while internet services are being provided by Globe, Smart, DCTV, PLDT Converge.

To keep the people, appraise with the government services, two (2) regular radio program are being broadcast over 2 local radio stations in the province and Facebook a social media platform is also being used as medium of communication.

3. Technology

As a growing city and center of trade, commerce and education, research and applied studies plays a vital role. The increase in number of business establishment not only in the central business district of the city but also in the nearby urban barangays means more garbage, more people will be visiting thus their safety is the utmost priority of the local government. Researcher and studies on the air, water and soil quality of the city must be updated likewise in the field of agriculture to sustain food sufficiency in the city.

4. Socio-capital -Organized Groups, CSO and Trained Staff

There are various organized groups, Civil Society Organization operating in the City of Sorsogon. The 7th City Council of the city has accredited twenty-six (26) Civil Society Organizations representing women, farmers, fisherfolks and transport. Their activities include livelihood and skill trainings for their members, environmental management and other social development programs.

5. Infrastructure-Structures that could withstand climate projection

There are various socio – economic programs and projects has been implemented by the city. These includes roads, bridges, health facilities, day care centers, evacuation centers, multi-purpose hall, street light (solar and electric), water system, irrigation system and river controls funded under the 20% Development Fund, 5% Calamity Fund, Trust Fund and General Fund.

These facilities are all prone to damages brought by typhoon, flooding, earthquake and fire. Not only this infrastructure implemented by the city that are affected, communication and utilities are also at risk.

With the projection of stronger and more frequent occurrence of typhoons in the country and considering the location of the city, a more comprehensive disaster management and contingency plan must be formulated and adopted by the city especially by the barangays. Old structures must be retrofitted. Disaster preparedness must be instituted.

IX. Scoring System

SCORING

%	SCORE	%	SCORE	%	SCORE
0.00%	1	0.00%	4	Low	4
5.00%	2	5.00%	3	Moderate	3
10.00%	3	10.00%	2	High	2
20.00%	4	20.00%	1	Very High	1

NOTE:

- Residential Structures Have Different Ranges/Parameters For Exposure Scoring 0-5%, 5-10%, 10-20%, >20%
- Non-Residential Urban Structures Use The Range/Paramenter Of 0-10%, 10-20%, 20-40%, >40%

Н	Hazard/Likelihood Score	Risk =	HEV, where V = S/Ac
E	Exposure Score	SevCon =	EV
S	Sensitivity Score		
Ac	Adaptive Capacity Score		
V	Vulnerability Score (Sensitivity and Adaptive Capacity)		
SevCon	Severity of Consequence Score (Exposure and Vulnerability)		
R	Risk Score		

INDICATIVE LIKELIHOOD OF OCCURRENCE SCORES

MEASURES OF LIKELIHOOD	RETURN PERIOD IN YEARS	LIKELIHOOD SCORE
Frequent	Every 1-3 years	6
Moderate	Every >3-10 years	5
Occasional	Every >10-30 years	4
Improbable	Every >30-100 years	3
Rare event	Every >100-200 years	2
Very rare event	Every >200 years	1

Source:

Reference Manual on Mainstreaming Disaster Risk Reduction and Climate Change Adaptation in the Comprehensive Land Use Plans Report, NEDA-HLURB-UNDP,2012

MAGNITUDE SCORE

SUSCEPTIBILITY	INTENSITY	HAZARD MAGNITUDE SCORE	DESCRIPTION
High	1.5m and above	1	Highest possible intensity
Moderate	0.5-1.5m	0.66	Hazard has 66% intensity compared to the highest possible intensity
Low	0.5m and below	0.33	Hazard has 33% intensity compared to the highest possible intensity

VULNERABILITY SCORE

VULNERABILITY INDEX	VULNERABILITY SCORE	DESCRIPTION
<=0.5	0.25	Very low vulnerability
<=1	0.5	Low vulnerability
<=2	0.75	Moderate vulnerability
<=4	1	High vulnerability

RISK SCORES

	Likelihaad of Occurrence	Severity of Consequence Score (EV)			
Indicative Likelihood of Occurrence	Likelihood of Occurrence Score	Very High 4	High 3	Moderate 2	Low 1
Frequent (1-3 Years)	6	24	18	12	6
Moderate (4-10 Years)	5	20	15	10	5
Occasional Slight Chance (11-30 Years)	4	16	12	8	4
Improbable (31-100 Years)	3	12	9	6	3
Rare (101-200 Years)	2	8	6	4	2
Very Rare (>200 Years)	1	4	3	2	1

NOTE:



SCORING FOR PRESENCE AND ADHERENCE TO GOVERNMENT REGULATIONS ADAPTIVE CAPACITY INDICATOR

AC Score	Description
1	(A) - Local government is implementing existing regulations on hazard mitigation and structural design and monitors compliance thereof
2	(B) - Local government is implementing existing regulations on hazard mitigation and structural design
3	(C) - Local government has existing regulations on hazard mitigation and structural design
4	(D) - Local government has no regulations on hazard mitigation and structural design

X. Decision Areas and Risk Management Options

Decision Area/s	Description	Impact/ Implications	Intervention/Policy Recommendation
Coastal/Built-up/ High Risk	 88,873 or 53% of the total population are living in the coastal areas of the city 34 out 64 baranagys in the city are coastal barangays (Abuyog, Balogo, Bitan-o, Bucalbucalan, Buenavista-West, Bulabog, Buhatan, Cabid-an, Cambulaga, Capuy, Gimaloto, Pamurayan, Peñafrancia, Piot, Rizal, Sampaloc, Sirangan, Talisay, Bato, Bogña, Bon-ot, Buenavista-Bacon, Caricaran, Gatbo, del Rosario, Osiao, Poblacion,Rawis, Salvacion – Bacon, Sta. Lucia, Sto. Domingo, Sto. Niño, Sawanga and Sugod) is prone to storm surge Of the 34 coastal barangays, 9 are affected by sea level rise (Balogo-East, Bitan-o, Cabid-an, Cambulaga, Piot, Sampaloc Sirangan, Talisay, and Poblacion) 	 Damage to properties and socio – economic activities Loss of life 	 Disaster Risk Sensitive Redevelopment Minimizing damage Protection of existing assets Assistance to vulnerable communities Preserving and protecting natural environment Preventing further development in very high-risk areas
Inland/agricultural/ Low Risk	Rice areas in San Isidro – West, Guinlajon, Tugos, Macabog, Bibincahan, San Roque, San Pascual, San Isidro - Bacon	Low rice and other crops production	 Agri Optimization and Planned Urban Expansion Preservation of prime agricultural areas Identification of urban expansion areas Waterway's protection and waste water management to protect downstream areas from flooding and pollution Explore possibility of flood water retention areas
Upland/ Agri- forest/Medium Risk	 Agro-forestry (Coconut, abaca, fruit tress) 	Water scarcity will be experienced	 Limited Agro-forestry and Eco Tourism Development Passive recreation (hiking, camping) Watershed protection and management Establishment of leisure farms

		 Slope stabilization for existing critical government facilities (short-term) Relocation of existing critical government facilities (long-term)
Upland/Protected/High Risk	 Located inside the PNOC – EDC properties Approximately 6,000 hectares 	 Conservation/No-build zone Slope protection Reforestation Limited tourism/passive recreation Springs/head water protection Coordination with PNOC EDC in terms of management of resources and promotion of eco-tourism