

BUGUIAS ACHIEVING

Sustainable Development Goals



What is SDG?

FROM MDGs TO SDGs

2015
MILLENNIUM
DEVELOPMENT
GOALS



**Sustainable
Development
Goals**

2016-2030



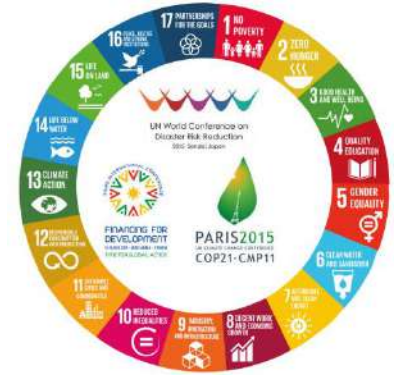
To Five P's



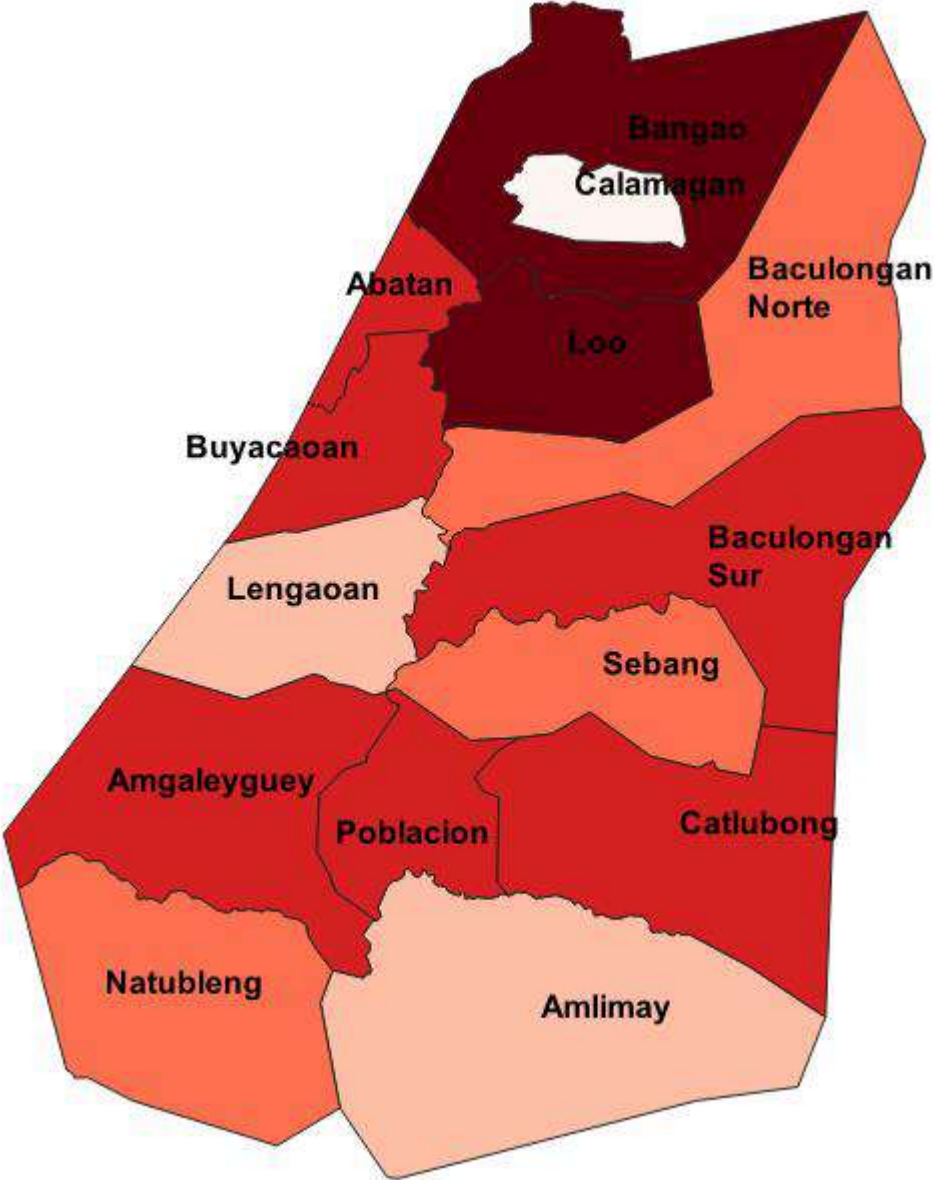
Municipality of Buguias

Demography:

Barangay	No. of HH	HH Pop. (2015 PSA)	Land Area (ha.)	Pop Density
Abatan	877	3,375	344.43	10
Amgaleyguey	760	3,480	1,973.54	2
Amlimay	481	2,206	2,930.50	1
Baculongan Norte	745	2,778	2,336.83	1
Baculongan Sur	964	3,556	2,211.23	2
Bangao	1,191	4,730	2,214.90	2
Buyacaoan	818	3,326	737.93	5
Calamagan	221	816	361.38	2
Catlubong	768	3,125	1,952.86	2
Lengaoan	543	2,049	1,166.96	2
Loo	1,229	5,262	1,103.88	5
Natubleng	709	2,670	1,843.08	2
Poblacion	858	3,507	805.67	4
Sebang	710	2,747	1,247.78	2
Buguias	10,874	43,627	21,230.97	2



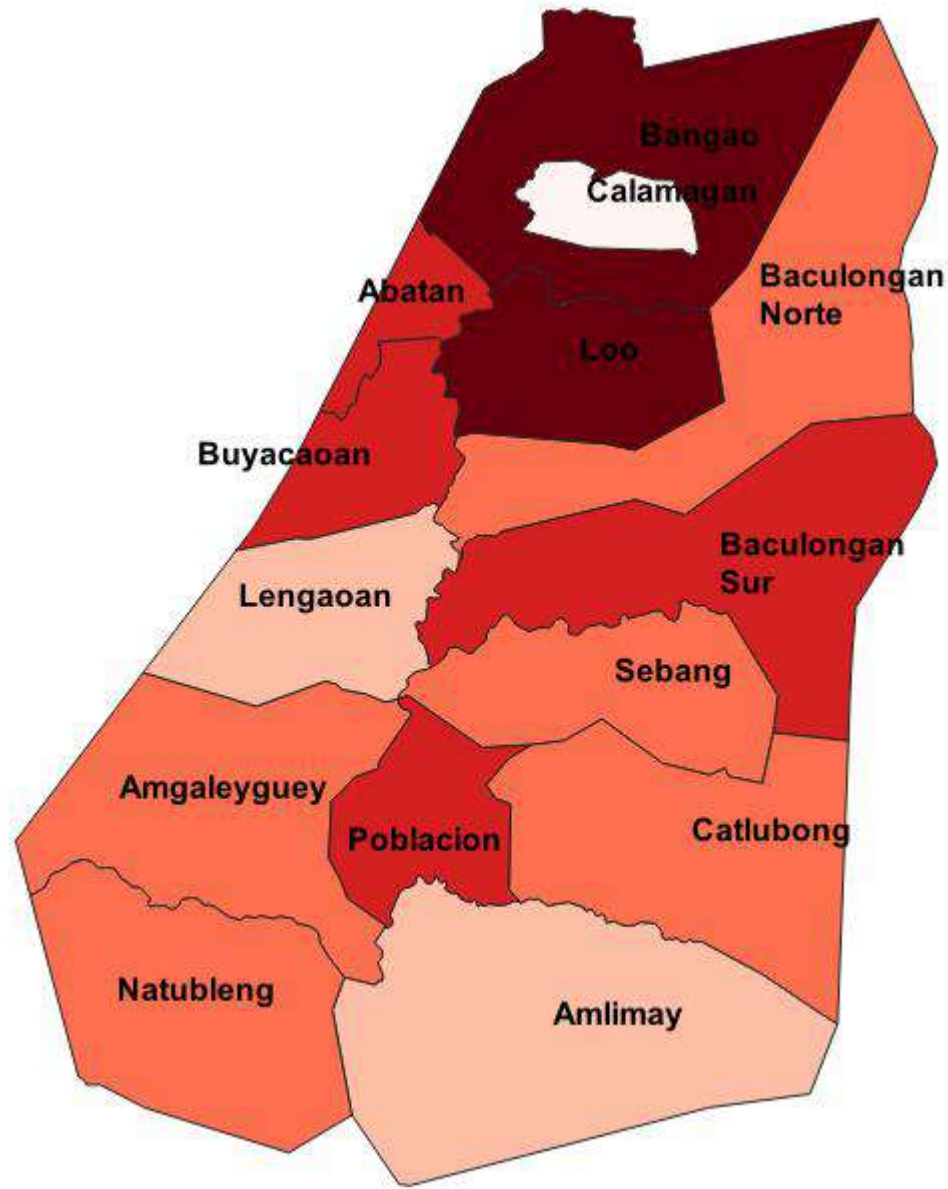
Population per Barangay as of 2015



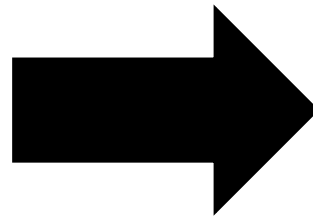
Barangays	No. of Population
Loo	5,262
Bangao	4,730
Poblacion	3,507
Baculongan Sur	3,556
Amgaleyguey	3,480
Abatan	3,375
Buyacaoan	3,326
Catlubong	3,125
Baculongan Norte	2,778
Sebang	2,747
Natubleng	2,670
Amlimay	2,206
Lengaoan	2,049
Calamagan	816
Total	43,627



Number of Households per Barangay, 2015



Barangay	No. of HH
Loo	1229
Bangao	1191
Baculongan Sur	964
Poblacion	858
Abatan	877
Buyacaoan	818
Amgaleyguey	760
Catlubong	768
Baculongan Norte	745
Sebang	710
Natubleng	709
Lengaoan	543
Amlimay	481
Calamagan	221
Total	10874



1 NO
POVERTY



GOAL 1

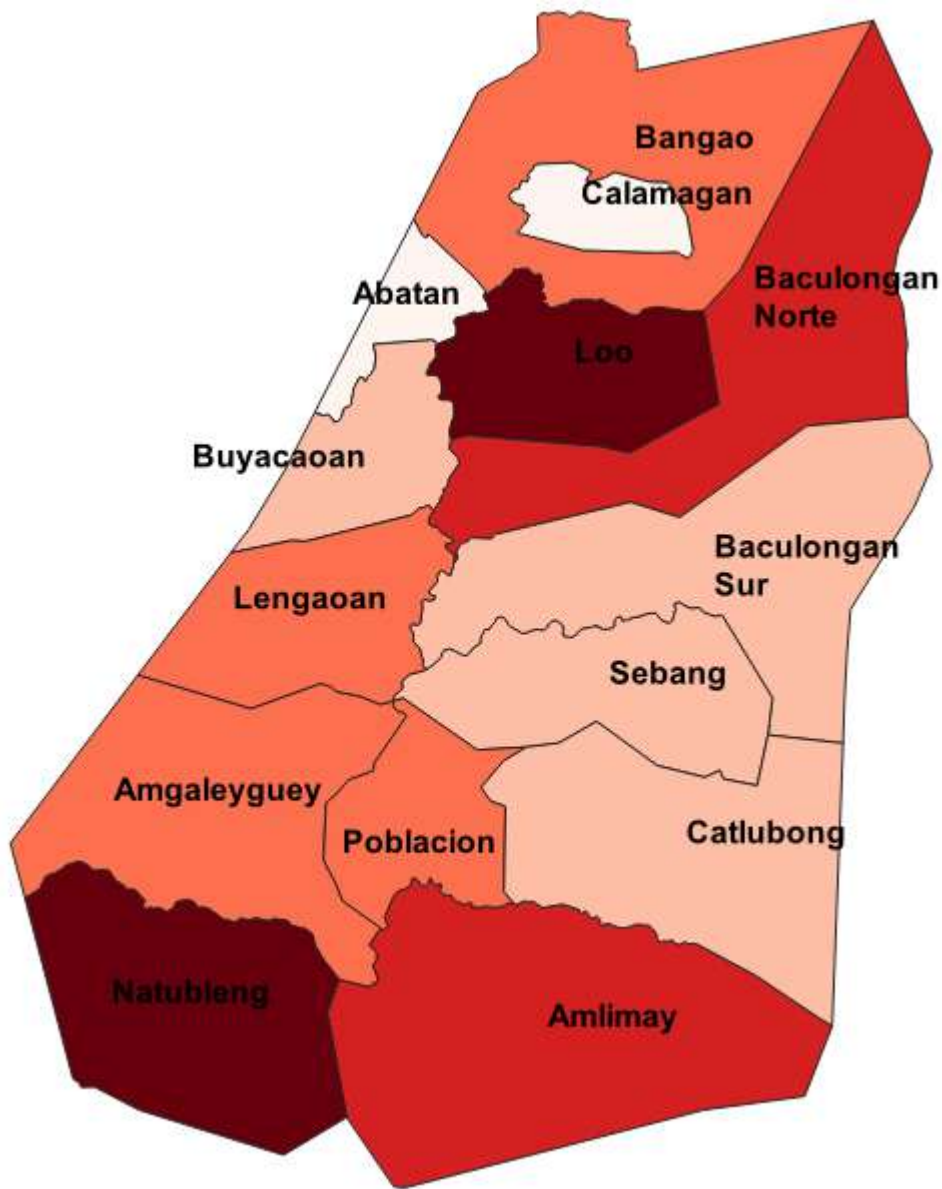
END POVERTY IN ALL ITS FORMS EVERYWHERE

SUSTAINABLE DEVELOPMENT GOALS

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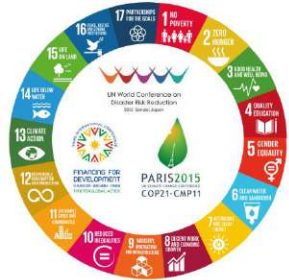


Household with income below the poverty threshold

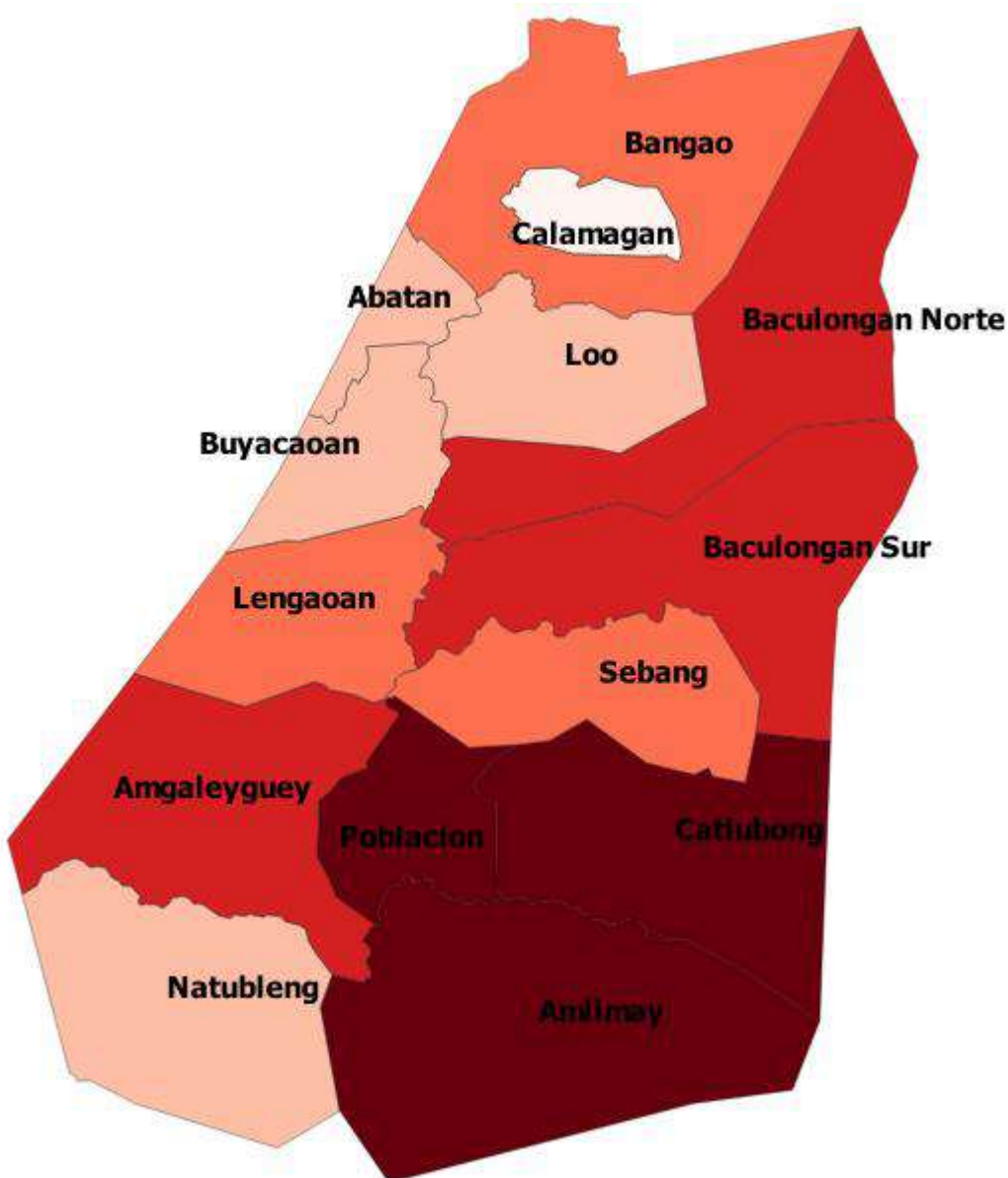


Barangay	Household with income below the poverty threshold
Natubleng	472
Loo	423
Amlimay	378
Baculongan Norte	321
Amgaleyguey	253
Poblacion	241
Lengaoan	221
Bangao	203
Baculongan Sur	121
Catlubong	129
Buyacaoan	111
Sebang	91
Calamagan	61
Abatan	42

Source: CBMS, 2015

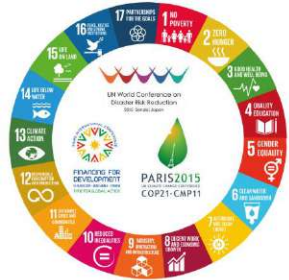


Number of 4Ps Beneficiary per Barangay, 2017

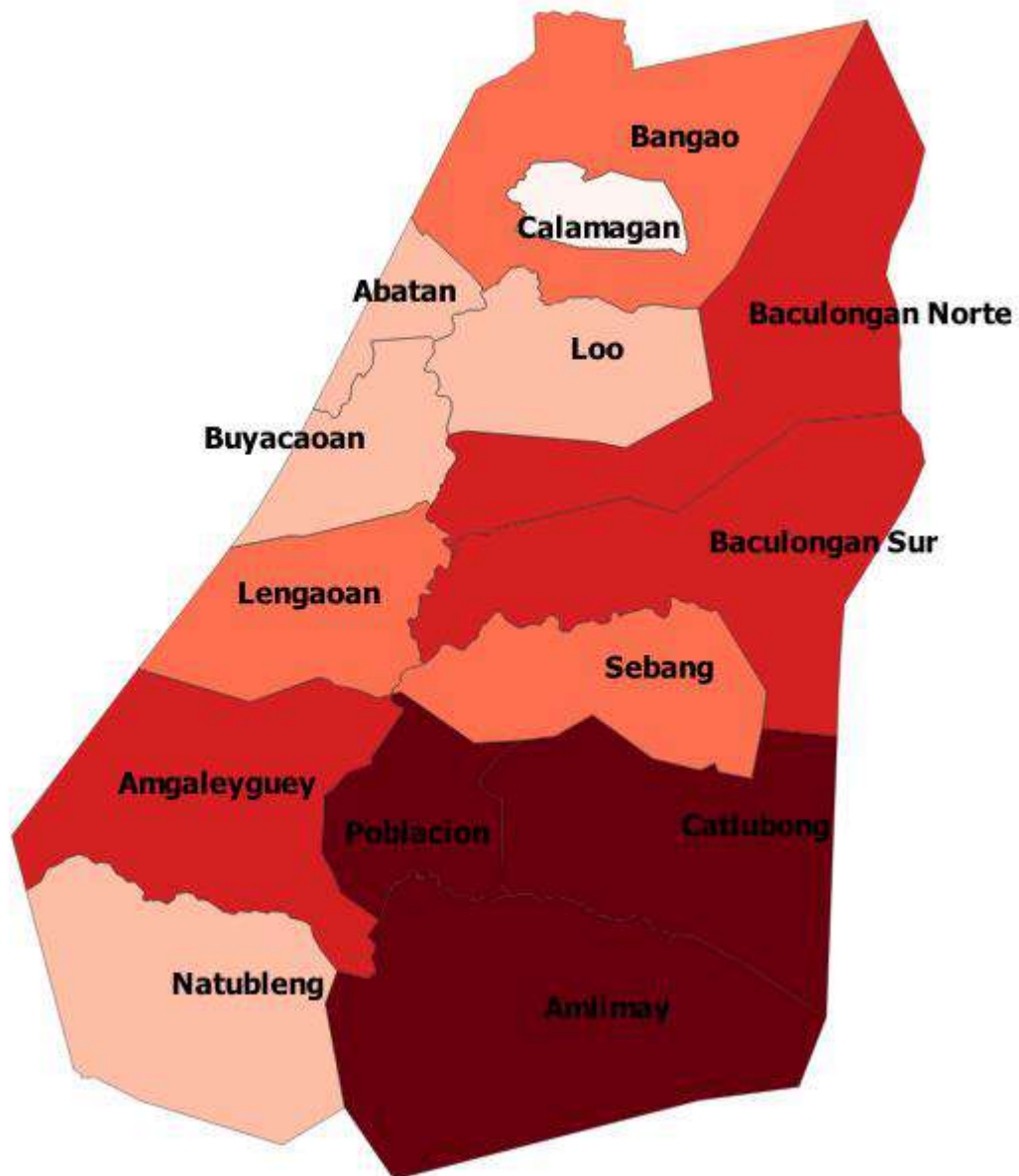


BARANGAY	No. of Beneficiaries
AMLIMAY	152
CATLUBONG	151
POBLACION	140
AMGALUEYGUEY	118
BACULONGAN SUR	102
BACULONGAN NORTE	101
SEBANG	84
BANGAO	80
LENGAOAN	79
BUYACAOAN	73
LOO	72
ABATAN	71
NATUBLENG	70
CALAMAGAN	52

Source: MSWDO, 2017

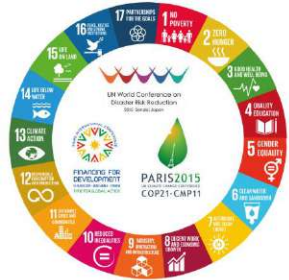


Number of 4Ps Beneficiary per Barangay, 2018

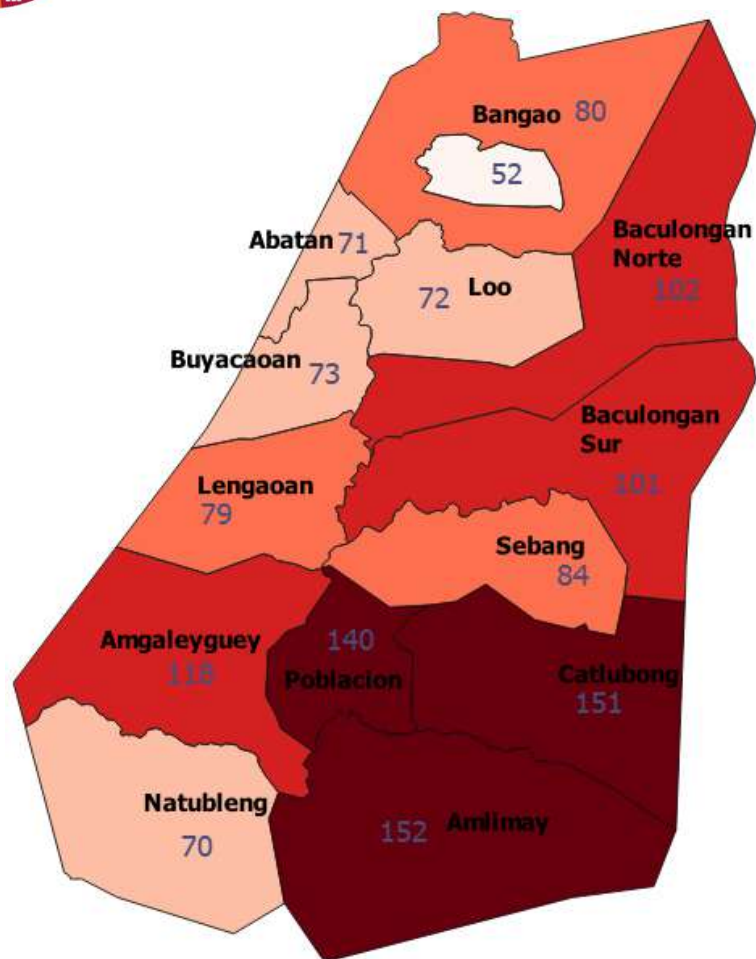


Barangay	No. of Beneficiaries
AMLIMAY	149
CATLUBONG	147
POBLACION	141
AMGALUEYGUEY	121
BACULONGAN NORTE	102
BACULONGAN SUR	101
SEBANG	82
BANGAO	80
LENGAOAN	77
BUYACAOAN	73
LOO	73
NATUBLENG	71
ABATAN	71
CALAMAGAN	52

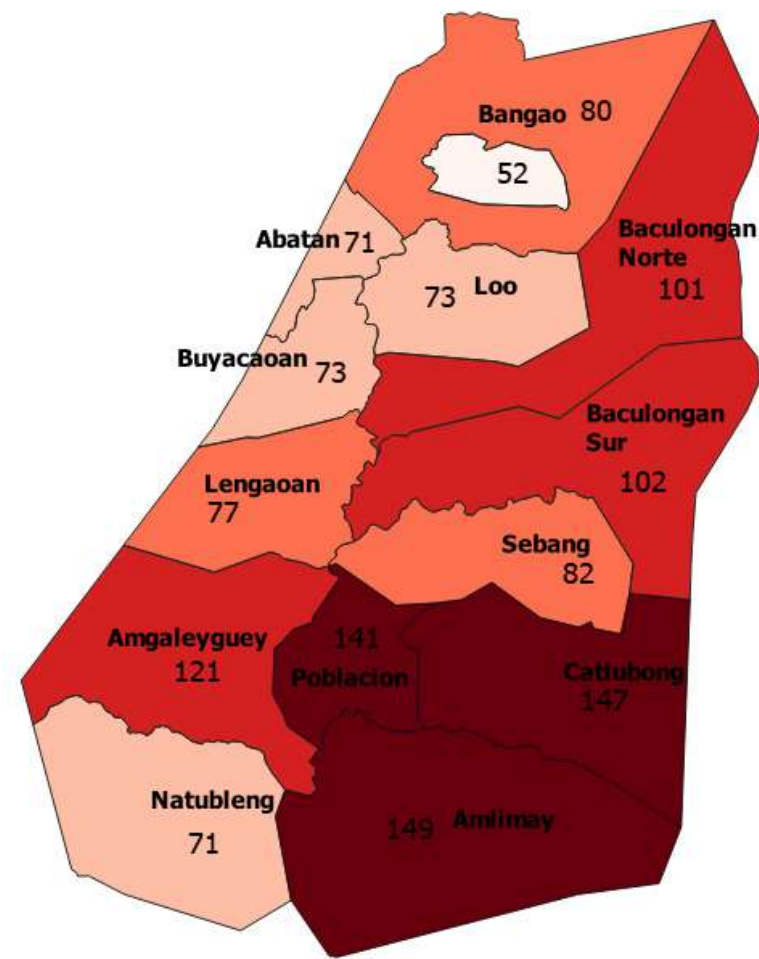
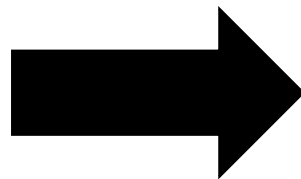
Source: MSWDO, 2018



Number of 4Ps Beneficiary per Barangay, 2017 - 2018



2017



2018

Source: MSWDO, 2017 - 2018

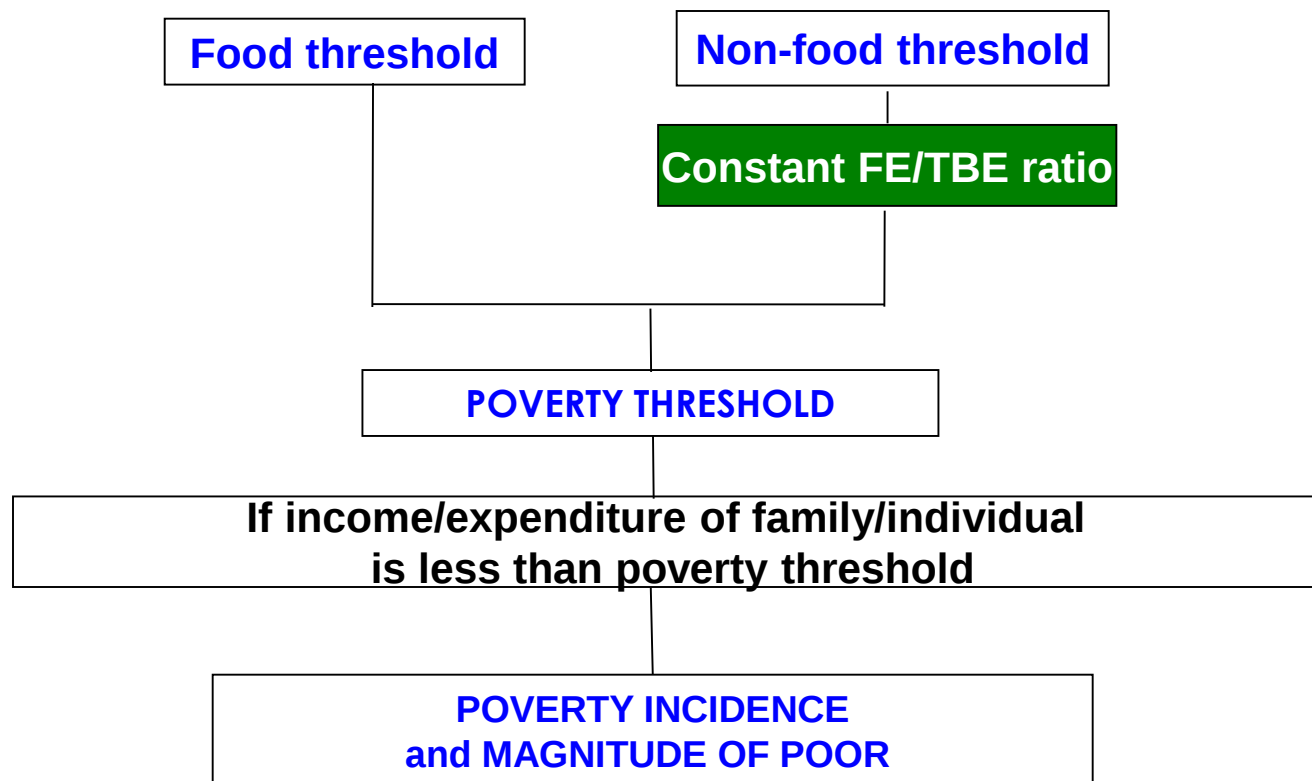


III. The Results

Region/Province	1st Sem 2019 Per Capita Poverty Threshold (in PhP)		1st Sem 2019 Per Capita Food Threshold (in PhP)	
	2015*	2018	2015*	2018
PHILIPPINES	11,344	12,577	7,920	8,804
CAR	11,583	12,352	8,149	8,616
Abra	11,361	12,406	7,934	8,664
Apayao	11,776	11,523	8,224	8,047
Benguet (incl. Baguio City)	10,778	11,820	7,534	8,245
Ifugao	12,553	12,944	8,766	9,037
Kalinga	10,679	11,864	7,475	8,279
Mt. Province	11,900	13,343	8,324	9,320

* Food Thresholds are estimated using actual prices collected by PSA for the estimation of the Consumer Price Index (CPI). In consonance with the updating of the market basket for the collection of prices for CPI, First Semester 2015 Poverty Statistics were revised accordingly.

II. Methodology



ACTUAL Non-Food Basic Needs

- Education
- Clothing & footwear
- Medical care
- Transportation & communication
- Fuel, light & water
- Housing
- Housing maintenance & other minor repairs
- Non-durable furnishings
- Household operations
- Personal care & effects
- Rental of occupied dwelling unit

2 ZERO
HUNGER

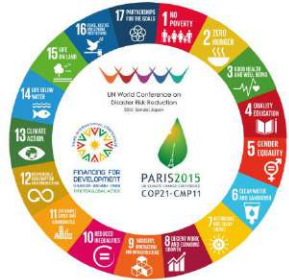


GOAL 2

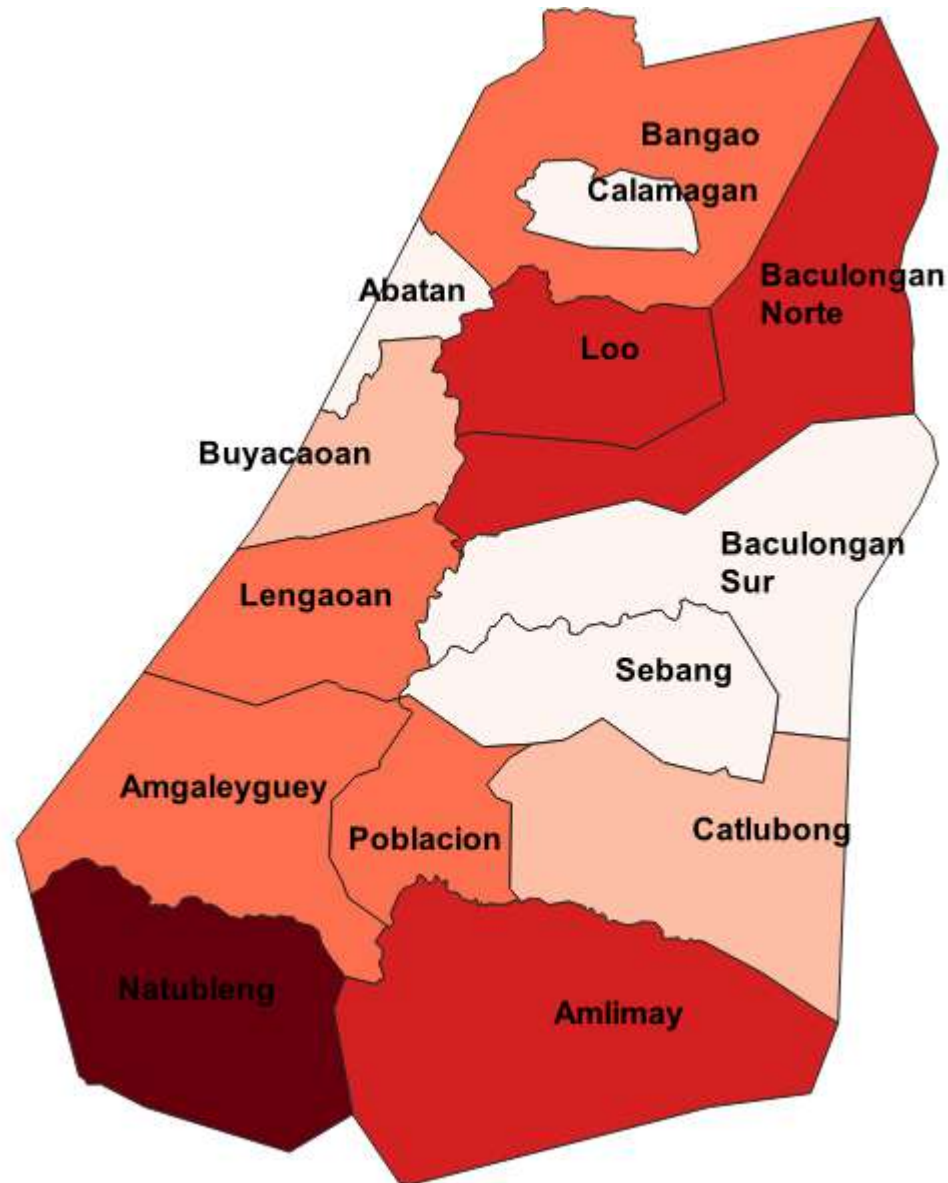
END HUNGER, ACHIEVE FOOD SECURITY AND
IMPROVED NUTRITION AND PROMOTE
SUSTAINABLE AGRICULTURE

SUSTAINABLE DEVELOPMENT GOALS

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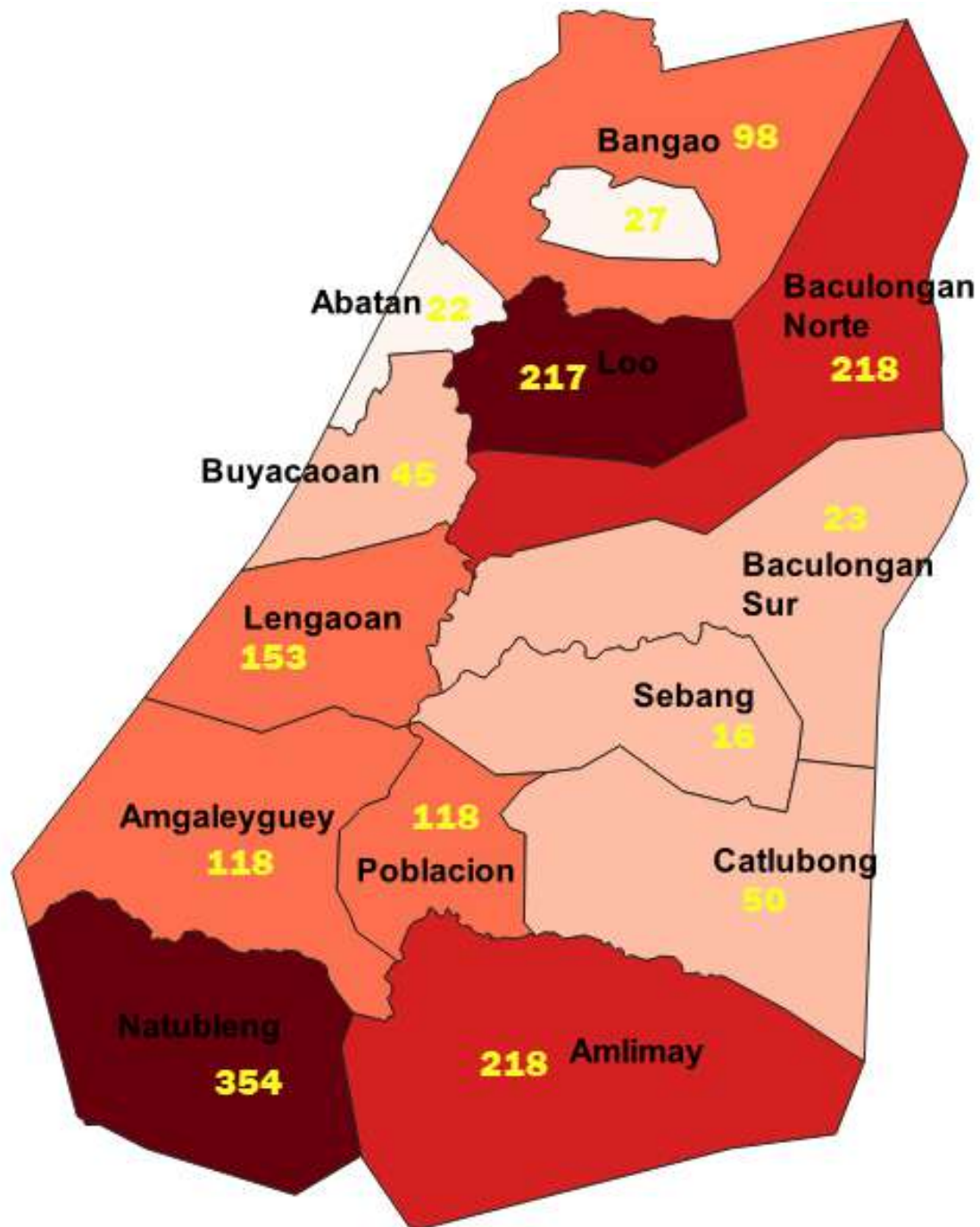
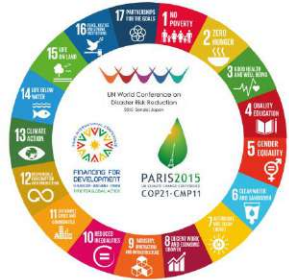


Households with income below the food threshold, 2015



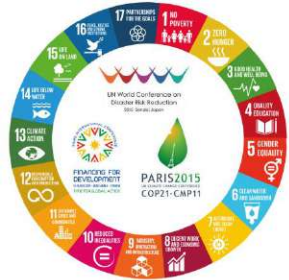
Barangay	Household with income below the food threshold
Natubleng	22
Loo	118
Amlimay	218
Baculongan Norte	218
Amgaleyguey	23
Poblacion	98
Lengaoan	45
Bangao	27
Baculongan Sur	50
Catlubong	153
Buyacaoan	217
Sebang	354
Calamagan	118
Abatan	16

Source: CBMS 2015



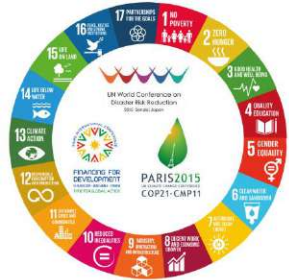
Household with income below the poverty threshold, 2015
vs.
Households with income below the food threshold, 2015

Barangay	Household with income below the poverty threshold
Natubleng	472
Loo	423
Amlimay	378
Baculongan Norte	321
Amgaleyguey	253
Poblacion	241
Lengaoan	221
Bangao	203
Baculongan Sur	121
Catlubong	129
Buyacaoan	111
Sebang	91
Calamagan	61
Abatan	42

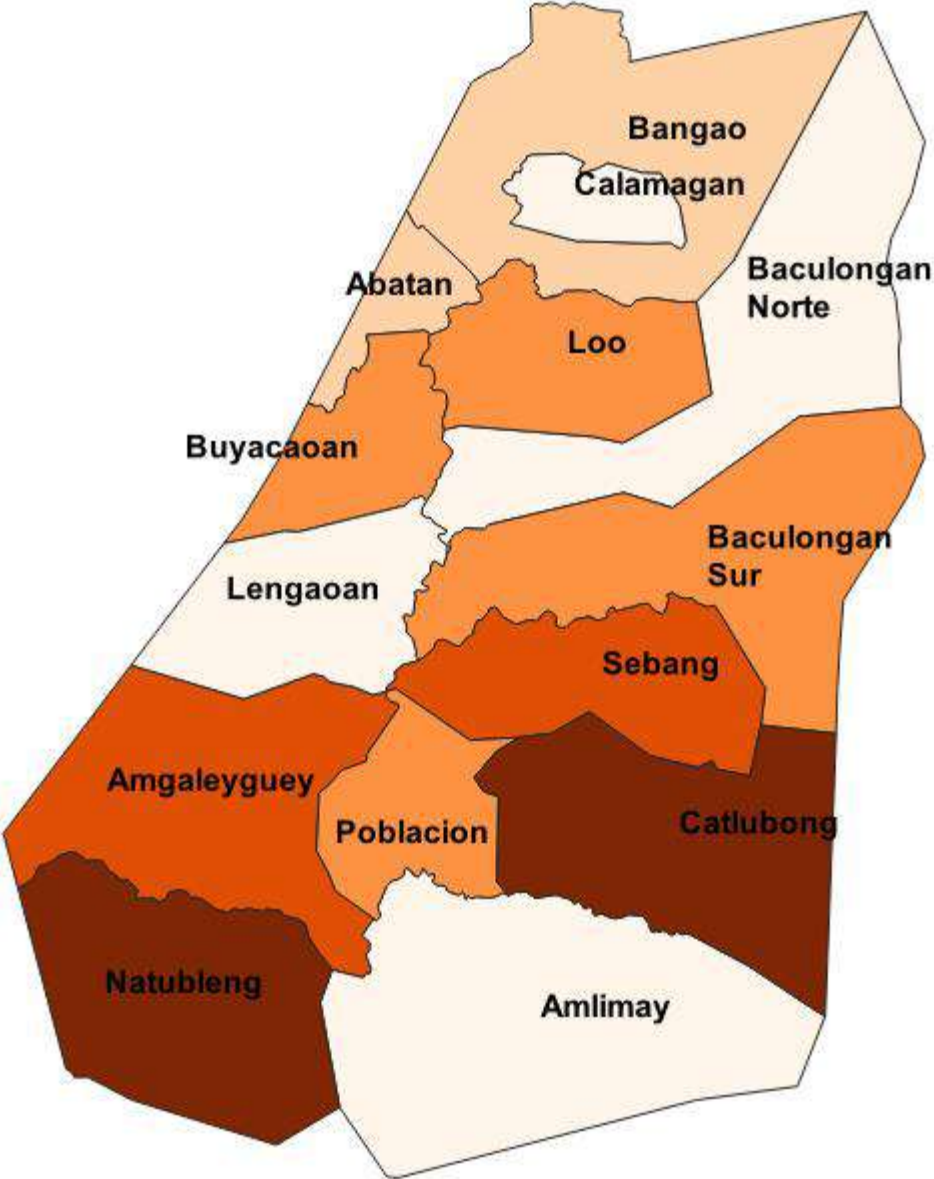


Household who experience hunger due to food shortage, 2015





Number of Malnourished children under 0-5 years old, 2015



Barangay	Malnourished children (0-5 years old)
Baculongan Sur	16
Sebang	15
Abatan	12
Loo	5
Amgaleyguey	3
Lengaoan	3
Buyacaoan	2
Calamagan	2
Natubleng	1
Poblacion	1
Amlimay	0
Baculongan Norte	0
Bangao	0
Catlubong	0

Source: CBMS 2015



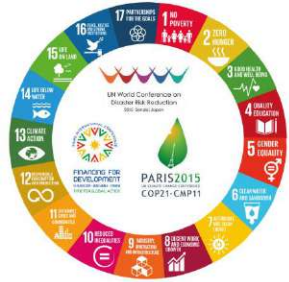
GOAL 3



ENSURE HEALTHY LIVES AND
PROMOTE WELL-BEING FOR ALL AT ALL AGES

SUSTAINABLE DEVELOPMENT GOALS

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Medical Facilities

a. Hospitals:

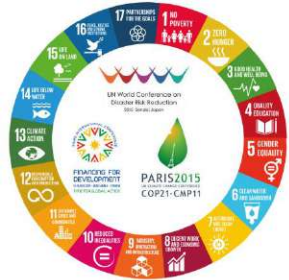
1. Lutheran Hospital Incorporated
2. Northern Benguet District Hospital
formerly Abatan Emergency Hospital

b. Rural Health Center:

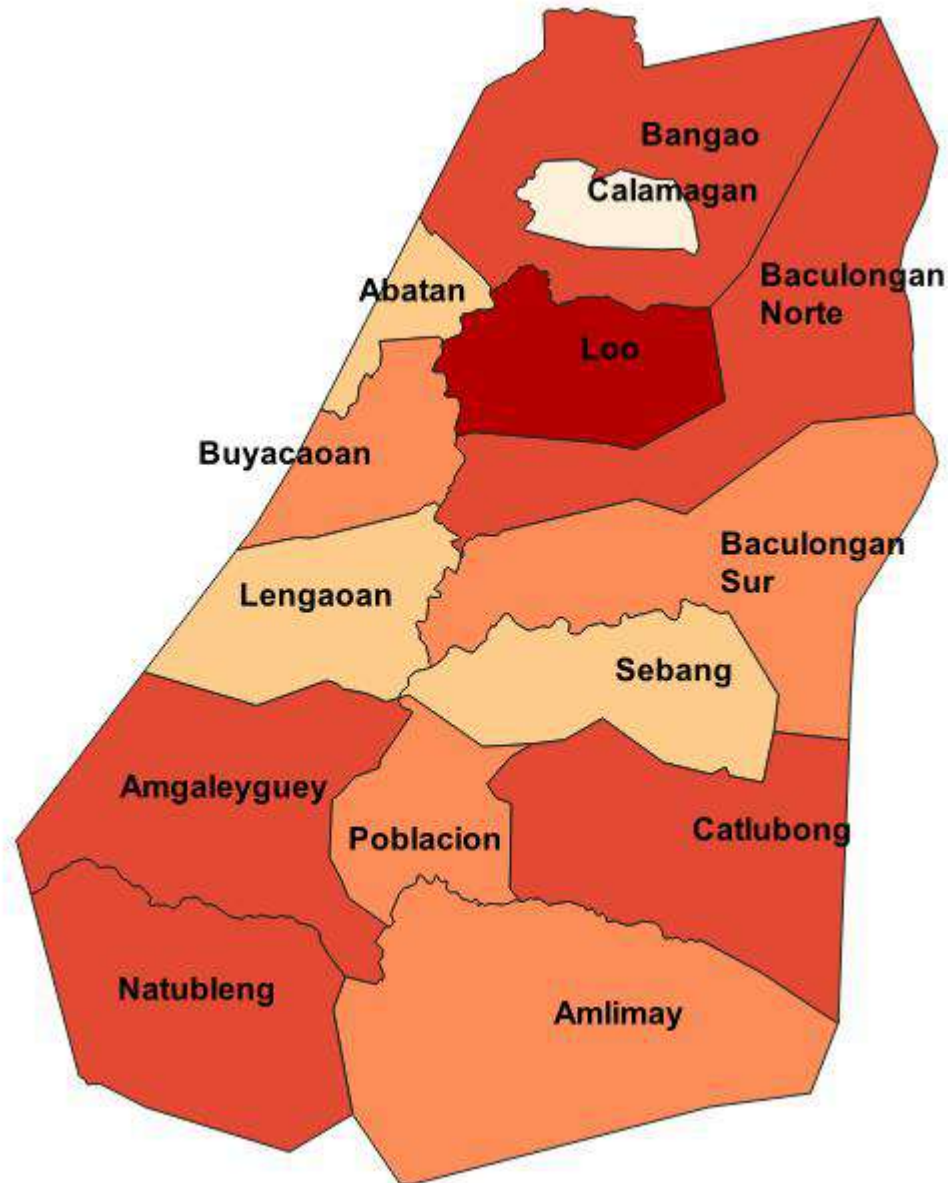
- 1 unit, at Loo

c. Barangay Health Station

- 14 BHS, all Barangay

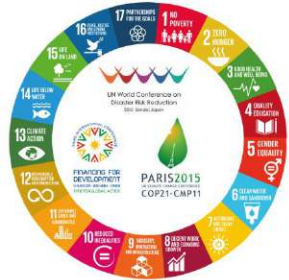


Number of children under 5 years old, 2015

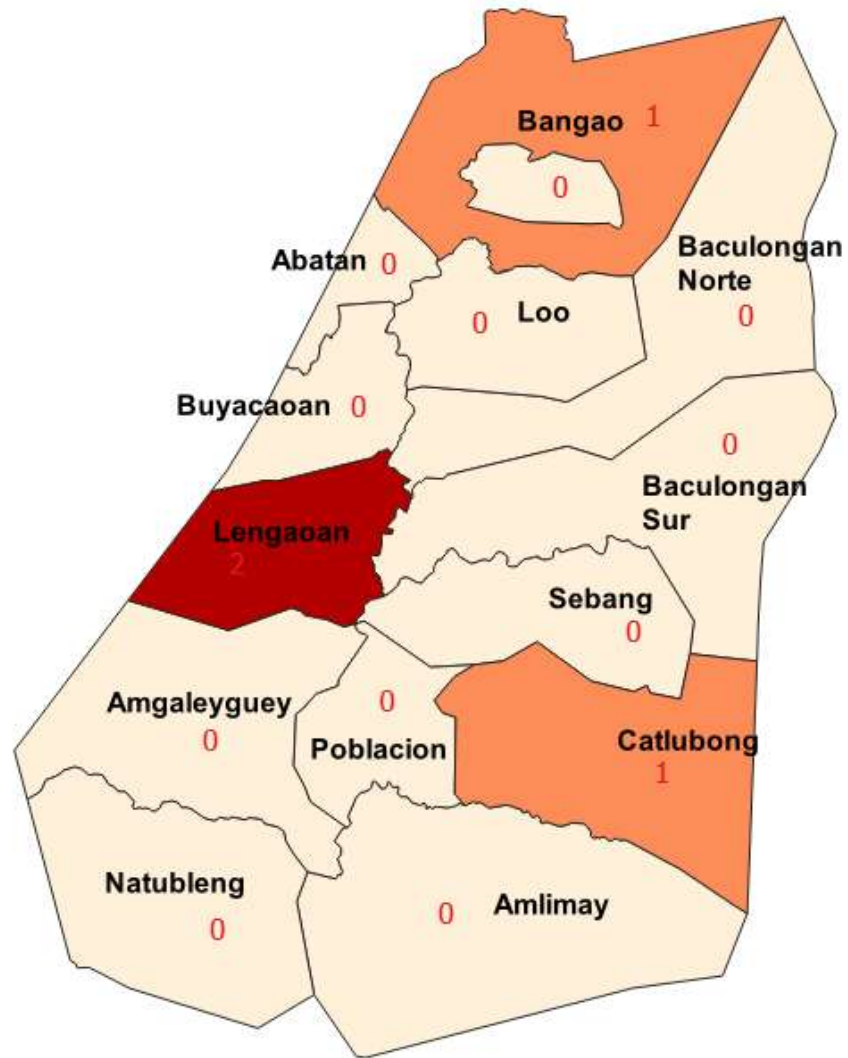


Barangay	No. of children under 5 years old
Amlimay	500
Baculongan Norte	319
Lengaoan	317
Loo	298
Sebang	288
Amgaleyguey	254
Abatan	244
Natubleng	297
Bangao	226
Buyacaoan	210
Baculongan Sur	169
Catlubong	192
Poblacion	186
Calamagan	92

Source: CBMS, 2015

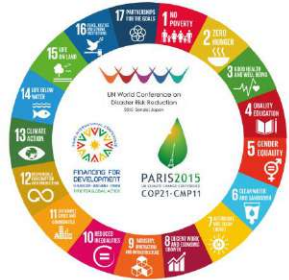


Number of children under 5 years old who died, 2015



Barangay	Children under 5 years old who died
Bangao	1
Catlubong	1
Lengaoan	2

Source: CBMS, 2015



Women deaths due to pregnancy- related causes, 2015



4 QUALITY
EDUCATION

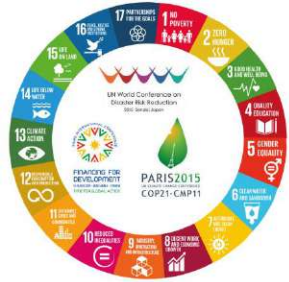


GOAL 4

ENSURE INCLUSIVE AND EQUITABLE QUALITY
EDUCATION AND PROMOTE LIFELONG LEARNING
OPPORTUNITIES FOR ALL

SUSTAINABLE DEVELOPMENT GOALS

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Education

Primary and Elementary:

Public 43

Private 01

Secondary:

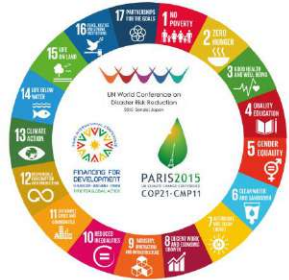
Public 06

Private 01

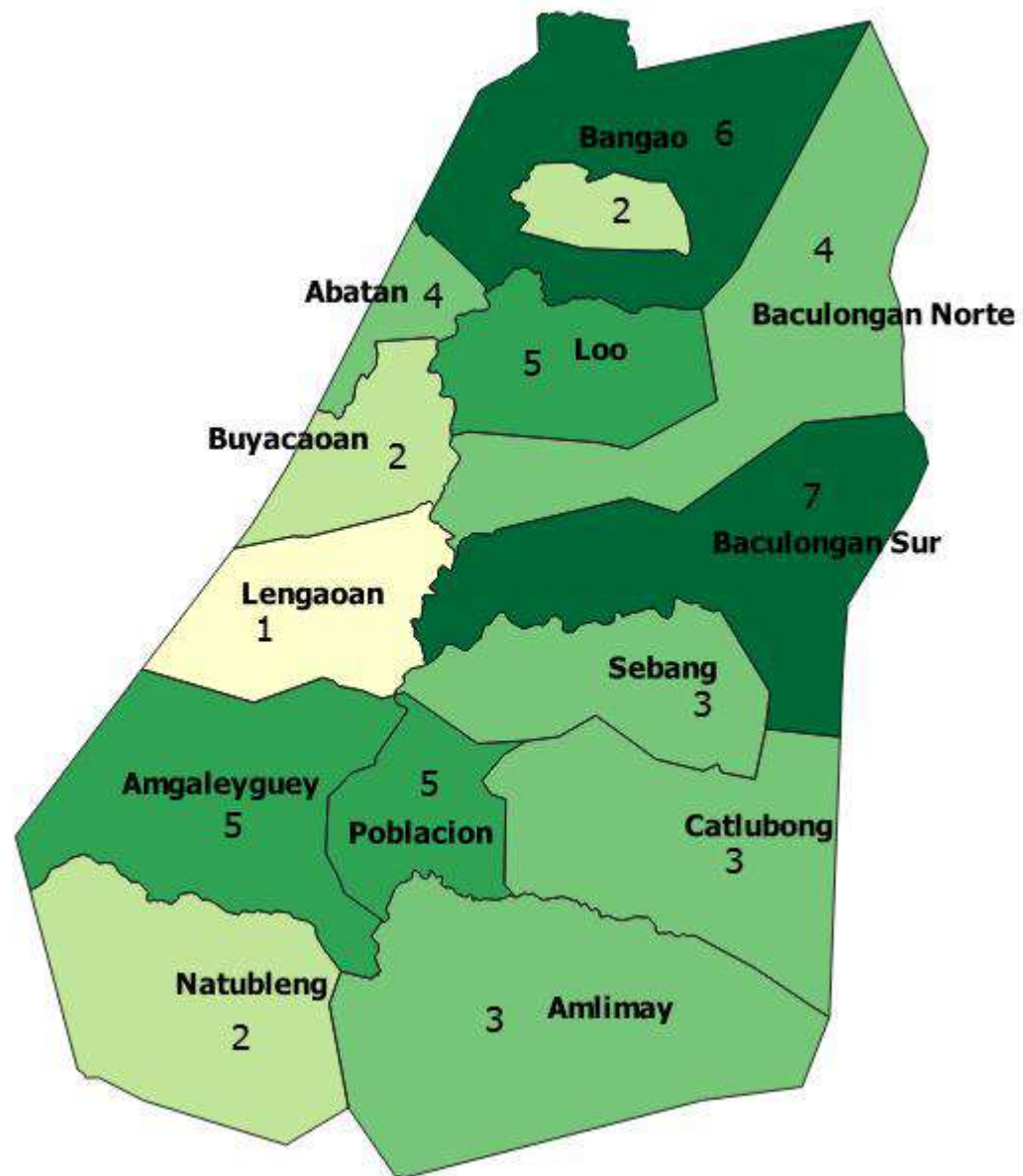
Tertiary:

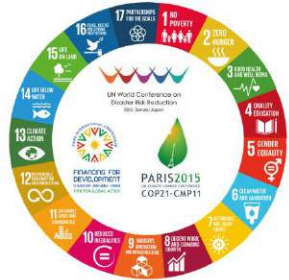
BSU- Buguias Campus

Source: MPDO, 2019

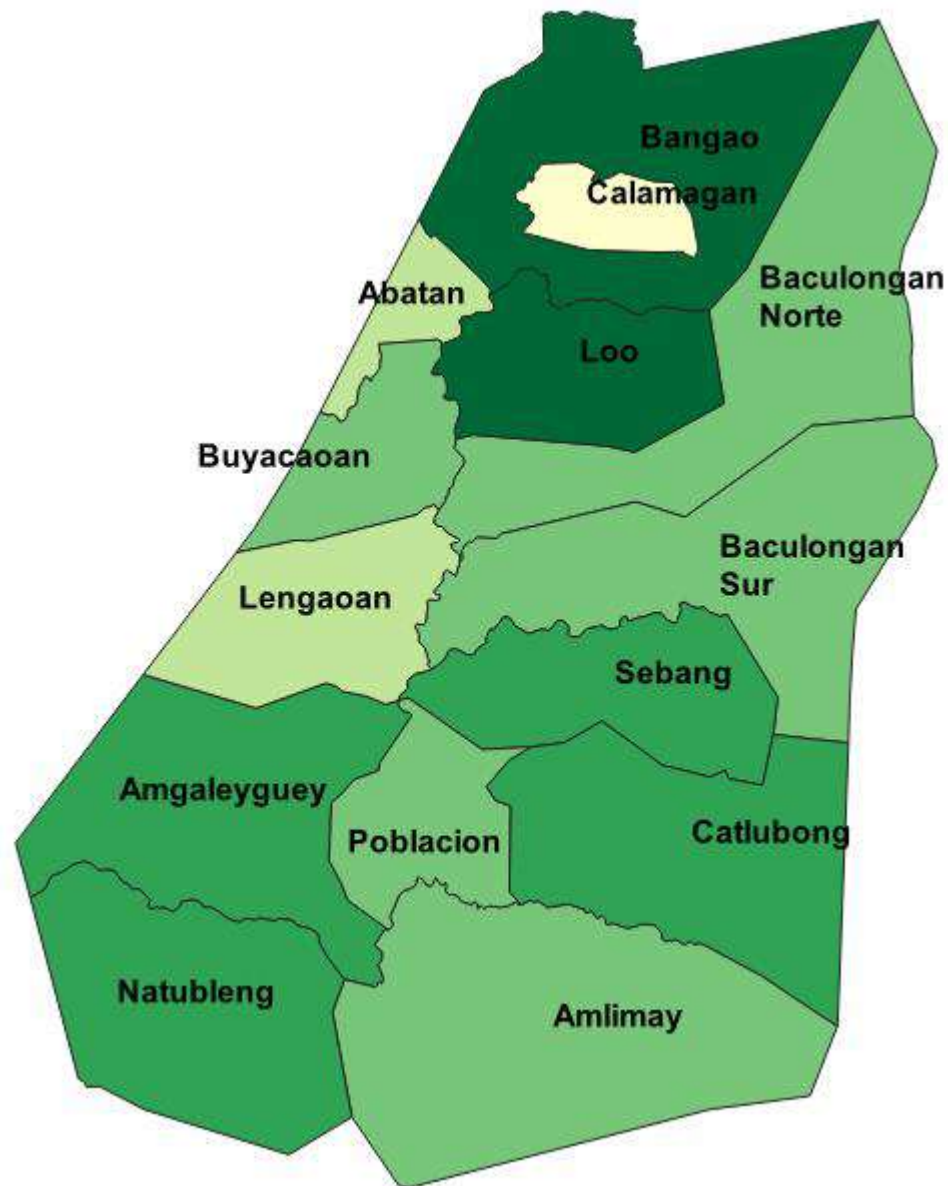


Number of Day Care Centers per Barangay



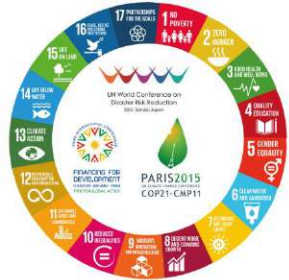


No. of children (6-11 years old), 2015

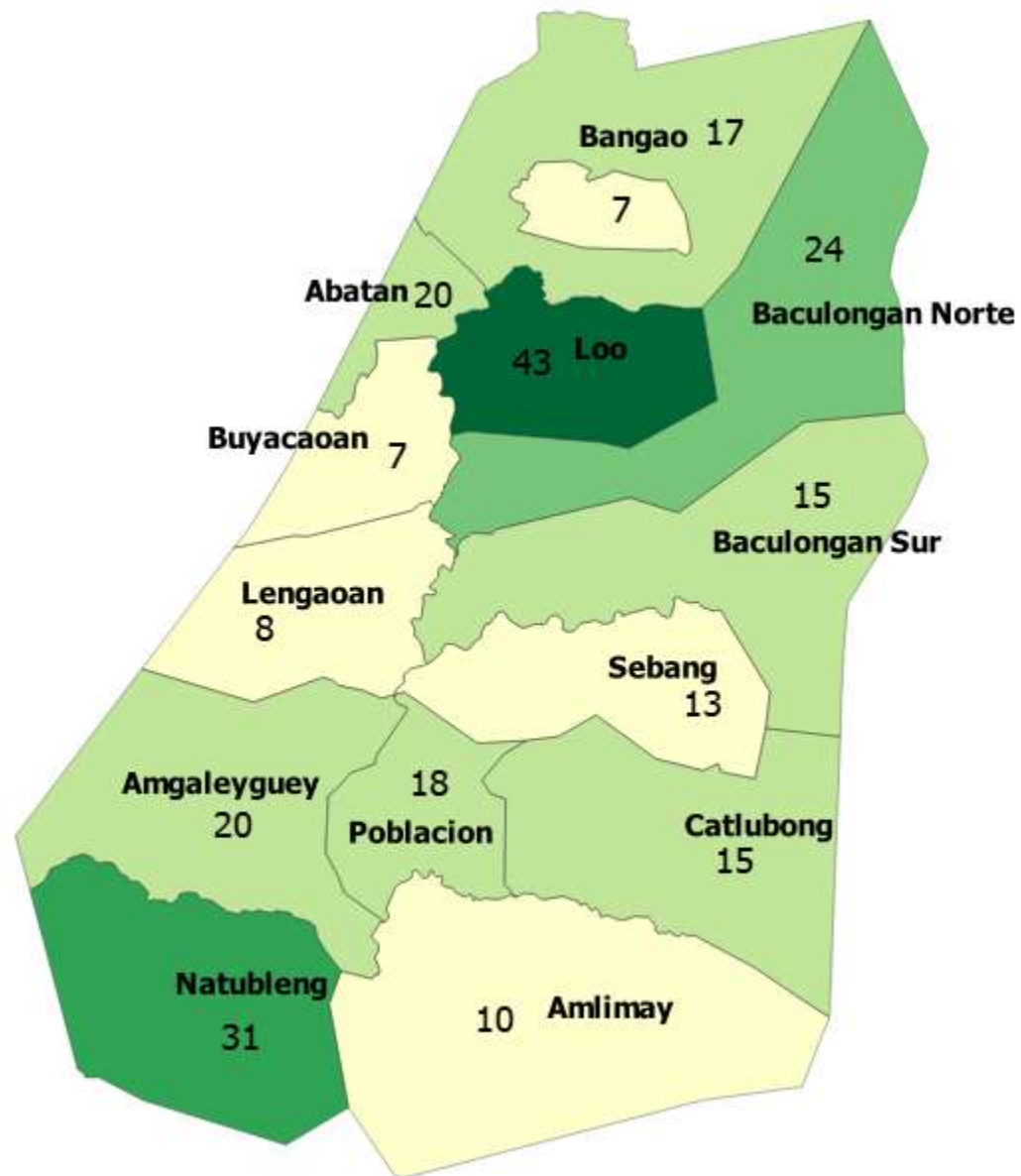


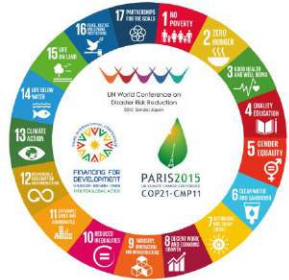
Barangay	No. of children (6-11 years old)
Loo	550
Bangao	496
Natubleng	369
Amgaleyguey	352
Catlubong	321
Sebang	303
Baculongan Norte	287
Amlimay	279
Baculongan Sur	256
Poblacion	252
Buyacaoan	245
Abatan	228
Lengaoan	197
Calamagan	110

Source: CBMS 2015

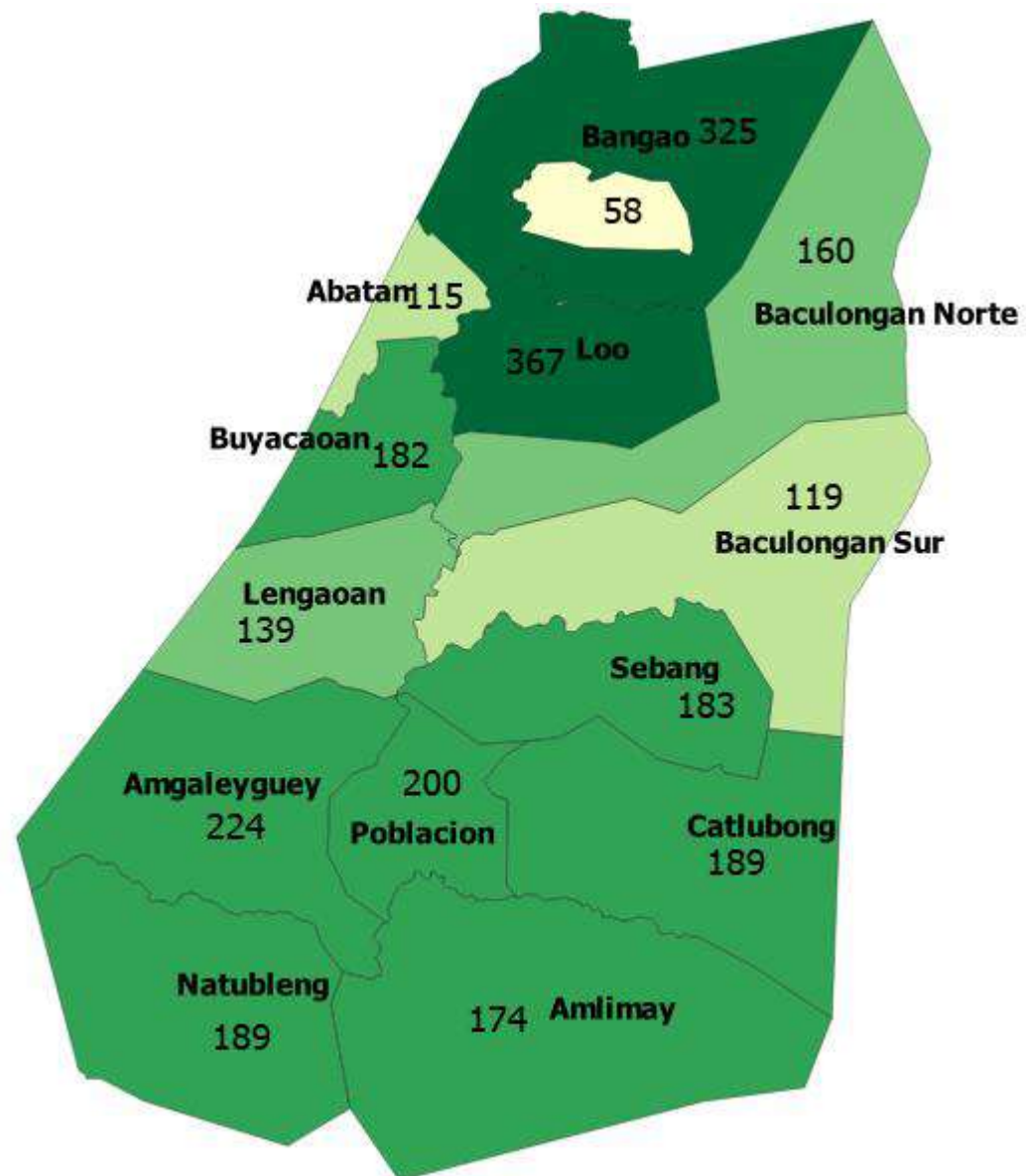


Number of Children not attending Elementary School (6-11 years old), 2015

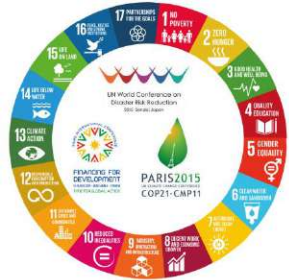




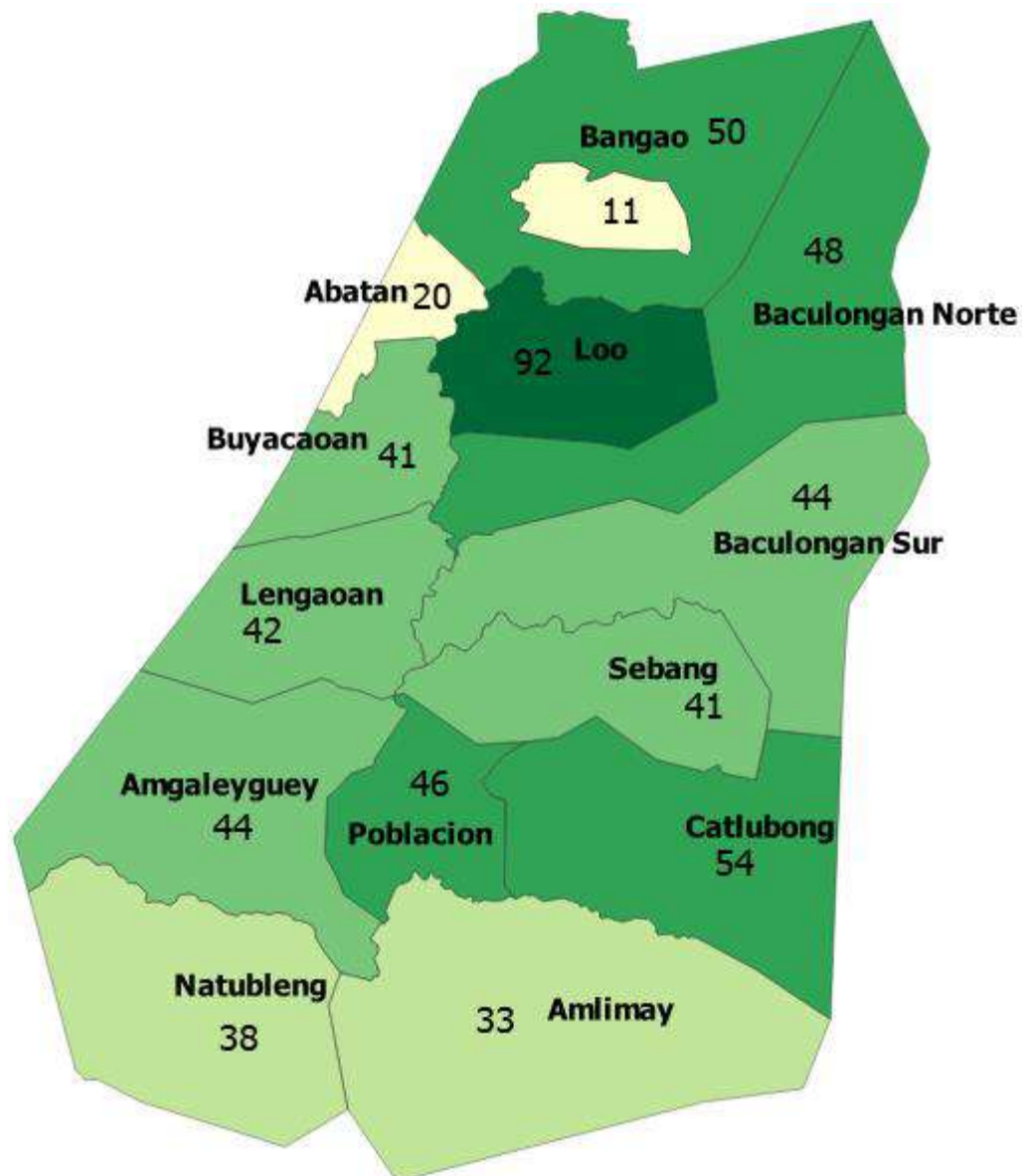
Number of of children (12-15 years old), 2015



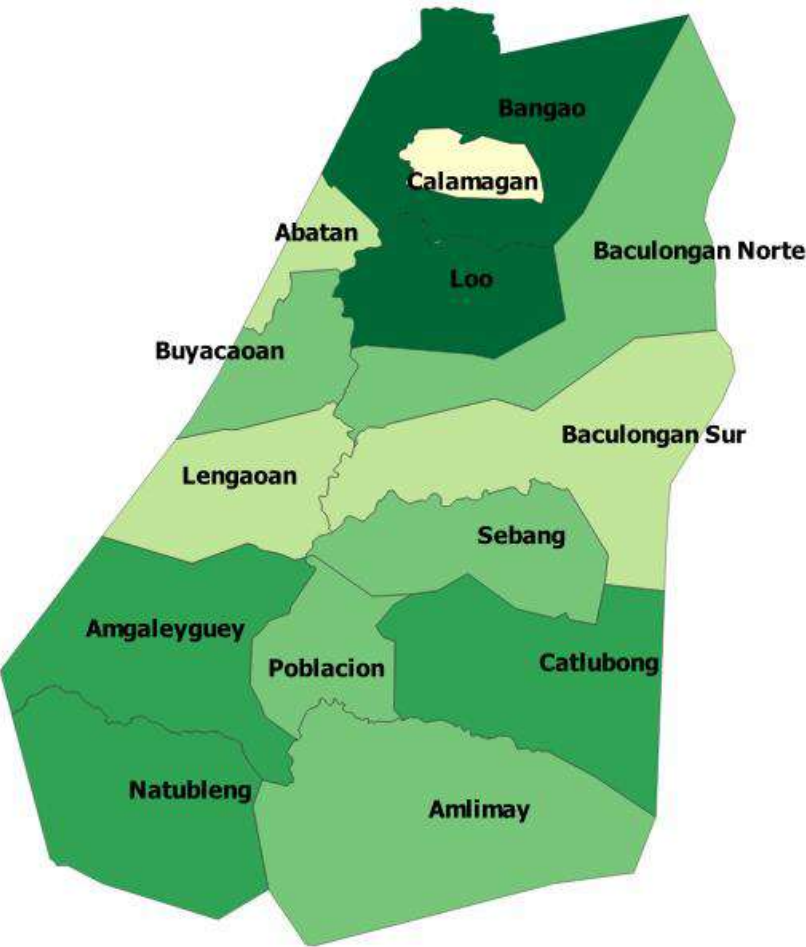
Source: CBMS 2015



Number of Children not attending High School (12-15 years old), 2015



No. of children (6-15 years old)



Barangay	No. of children (6-15 years old)	Children not attending School (6-15 years old)
Abatan	343	8
Amgaleyguey	576	11
Amlimay	453	5
Baculongan Norte	447	18
Baculongan Sur	375	14
Bangao	821	7
Buyacaoan	427	8
Calamagan	168	4
Catlubong	510	18
Lengaoan	336	8
Loo	917	17
Natubleng	558	15
Poblacion	452	11
Sebang	486	11

Children not attending School
(6-15 years old)



Source: CBMS 2015

6 CLEAN WATER
AND SANITATION

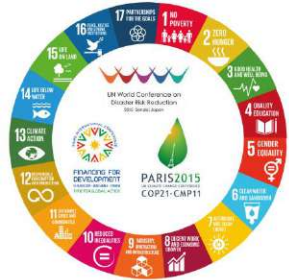


GOAL 6

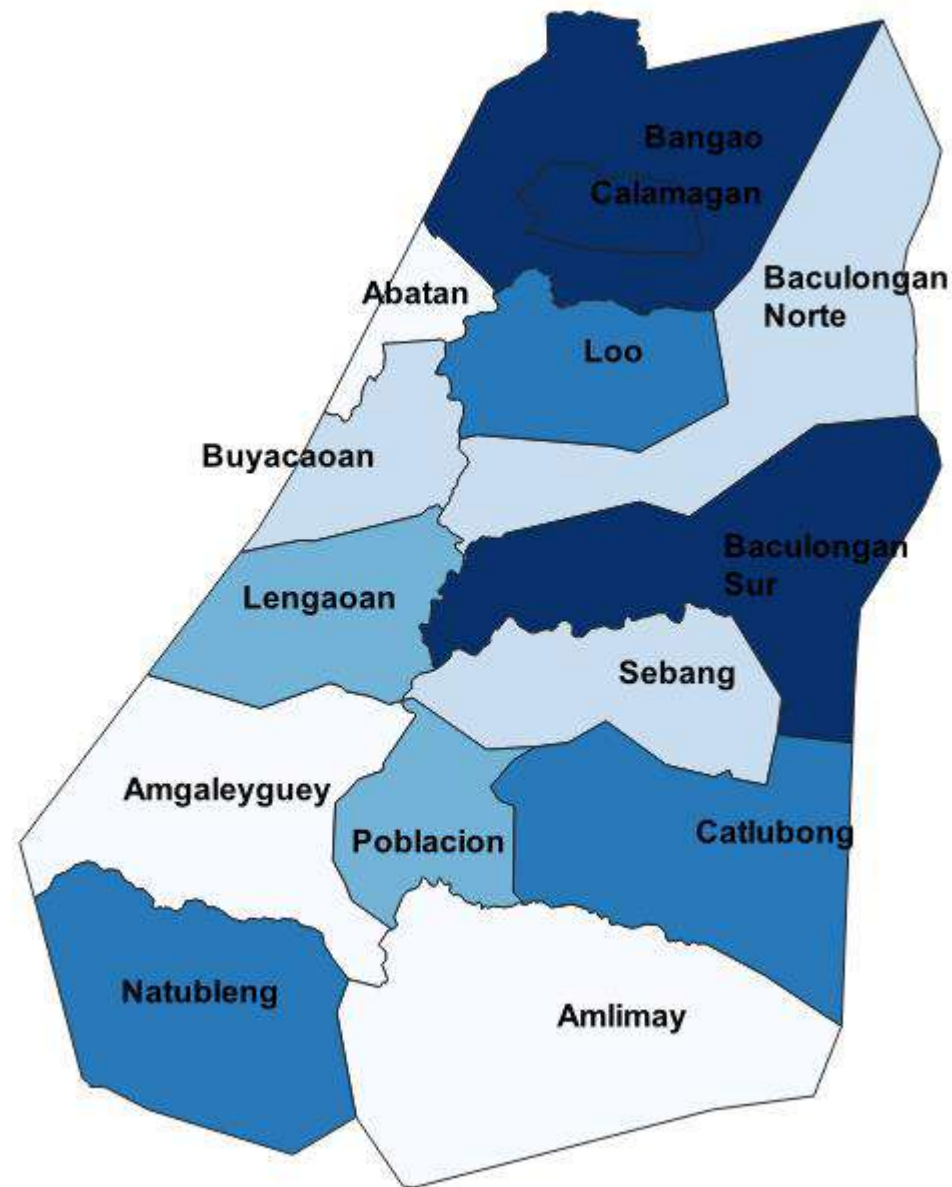
ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT
OF WATER AND SANITATION FOR ALL

SUSTAINABLE DEVELOPMENT GOALS

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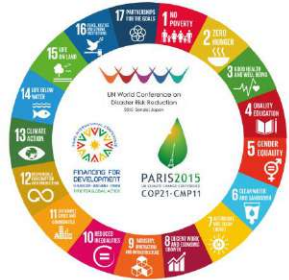


Number of HH with access to safe water , 2015

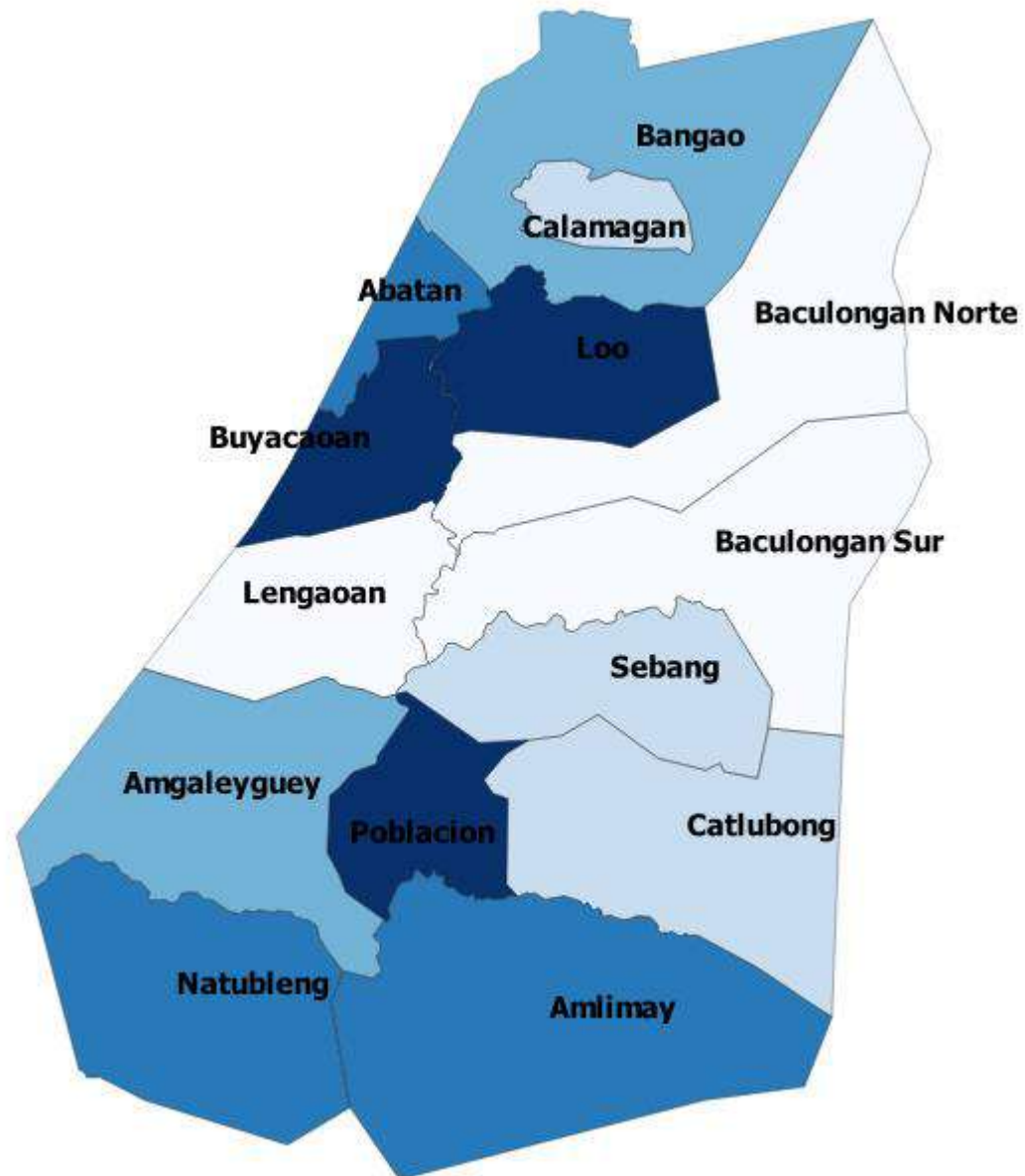


Barangay	No. of HH with access to safe water , 2015
Abatan	180
Amgaleyguey	129
Amlimay	186
Baculongan Norte	204
Baculongan Sur	523
Bangao	472
Buyacaoan	204
Calamagan	418
Catlubong	312
Lengaoan	245
Loo	407
Natubleng	402
Poblacion	303
Sebang	221

Source: CBMS 2015

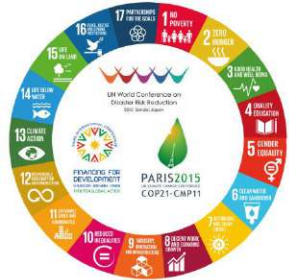


Number of Households with access to Safe Water, 2017

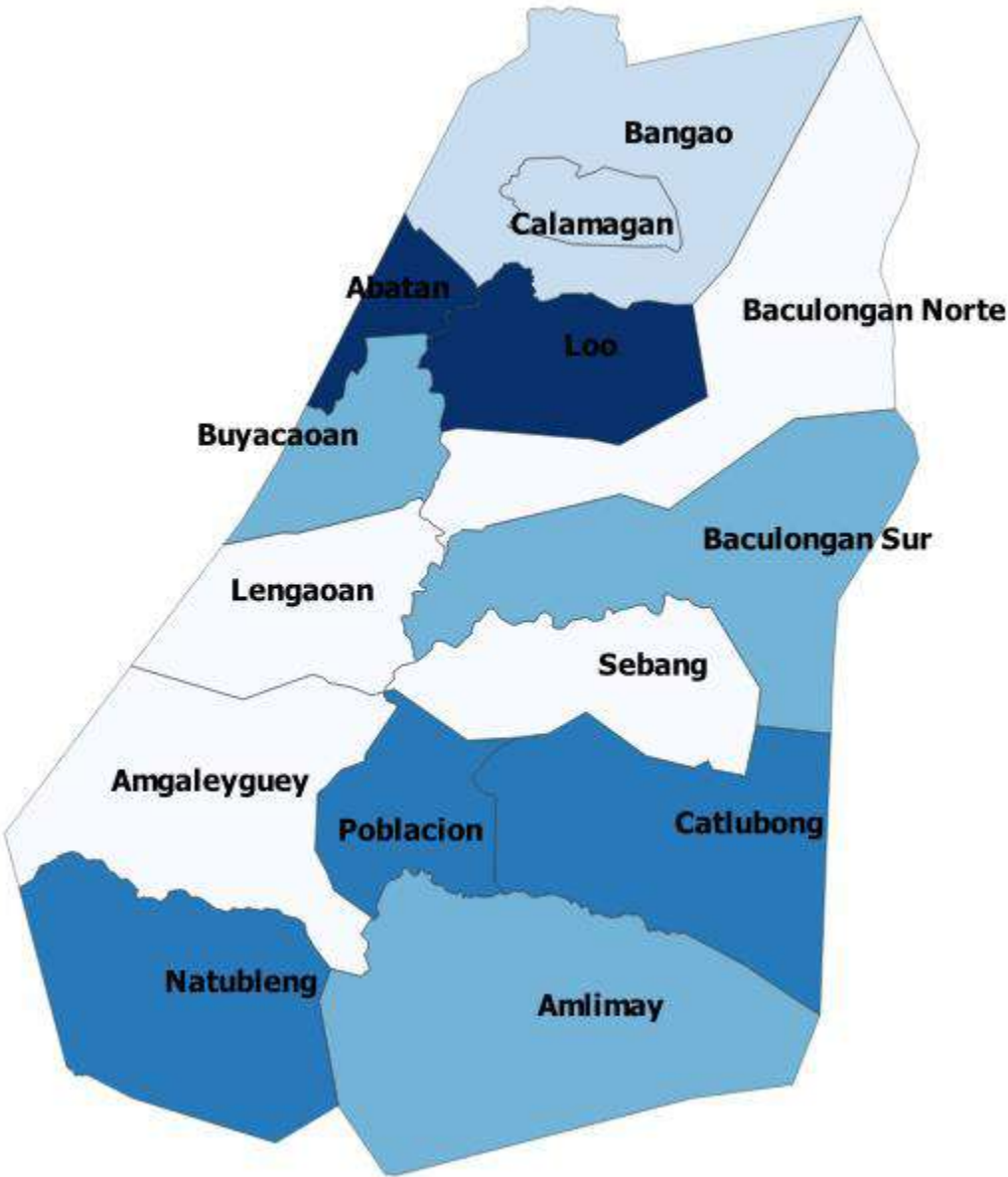


Barangay	2017 Access to Safe Water
Abatan	178
Amgaleyguey	129
Amlimay	186
Baculongan Norte	2
Baculongan Sur	0
Bangao	169
Buyacaoan	747
Calamagan	27
Catlubong	128
Lengaoan	0
Loo	443
Natubleng	229
Poblacion	532
Sebang	7

Source: RSI, 2017

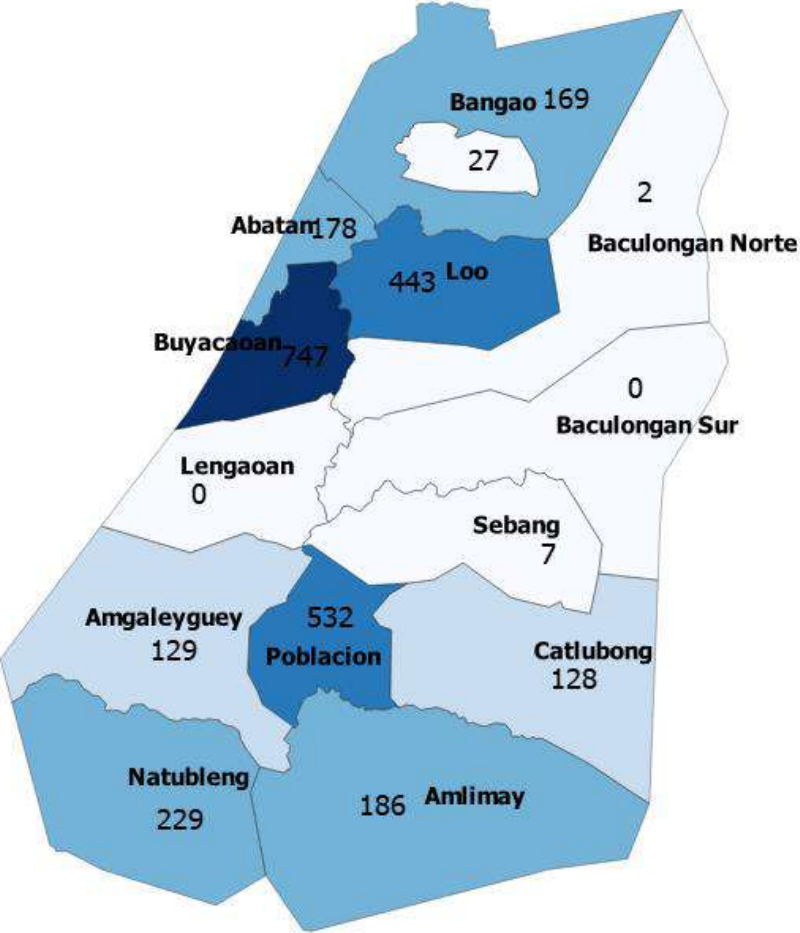


Number of Households with access to Safe Water, 2018

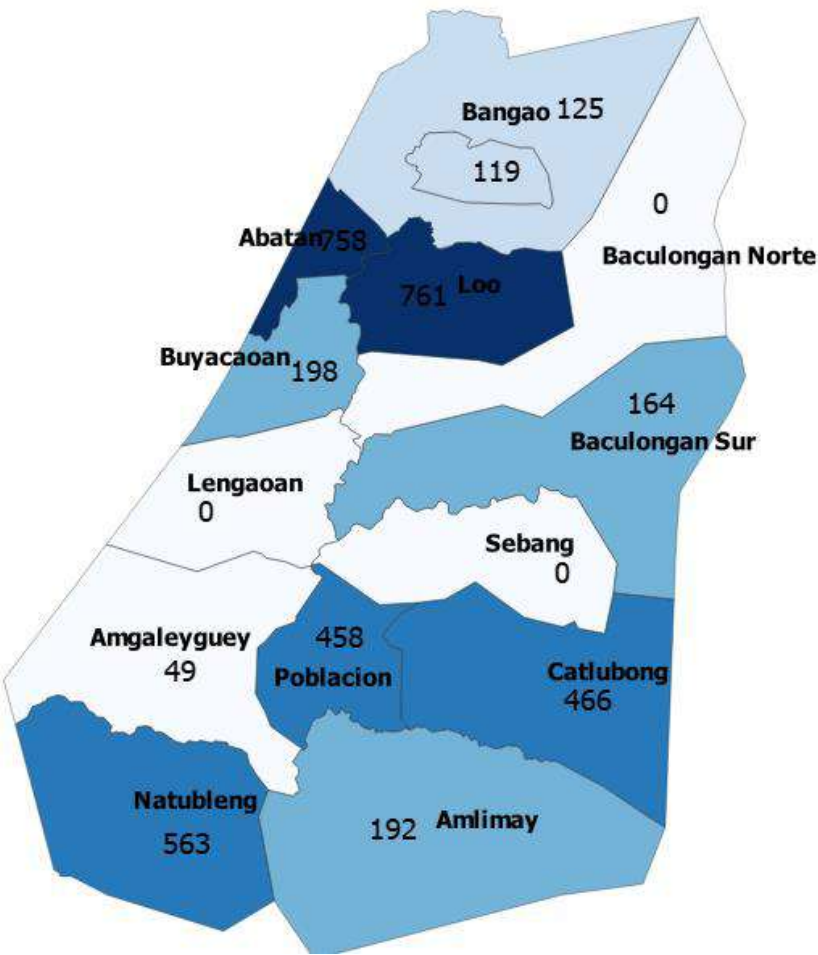


Barangay	No. of HH with access to Safe Water
Abatan	758
Amgaleyguey	49
Amlimay	192
Baculongan Norte	0
Baculongan Sur	164
Bangao	125
Buyacaoan	198
Calamagan	119
Catlubong	466
Lengaoan	0
Loo	761
Natubleng	563
Poblacion	458
Sebang	0

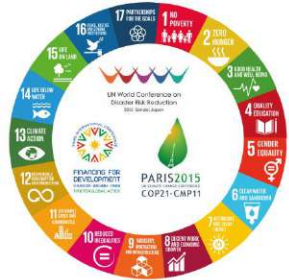
Number of Households with access to Safe Water, 2017 - 2018



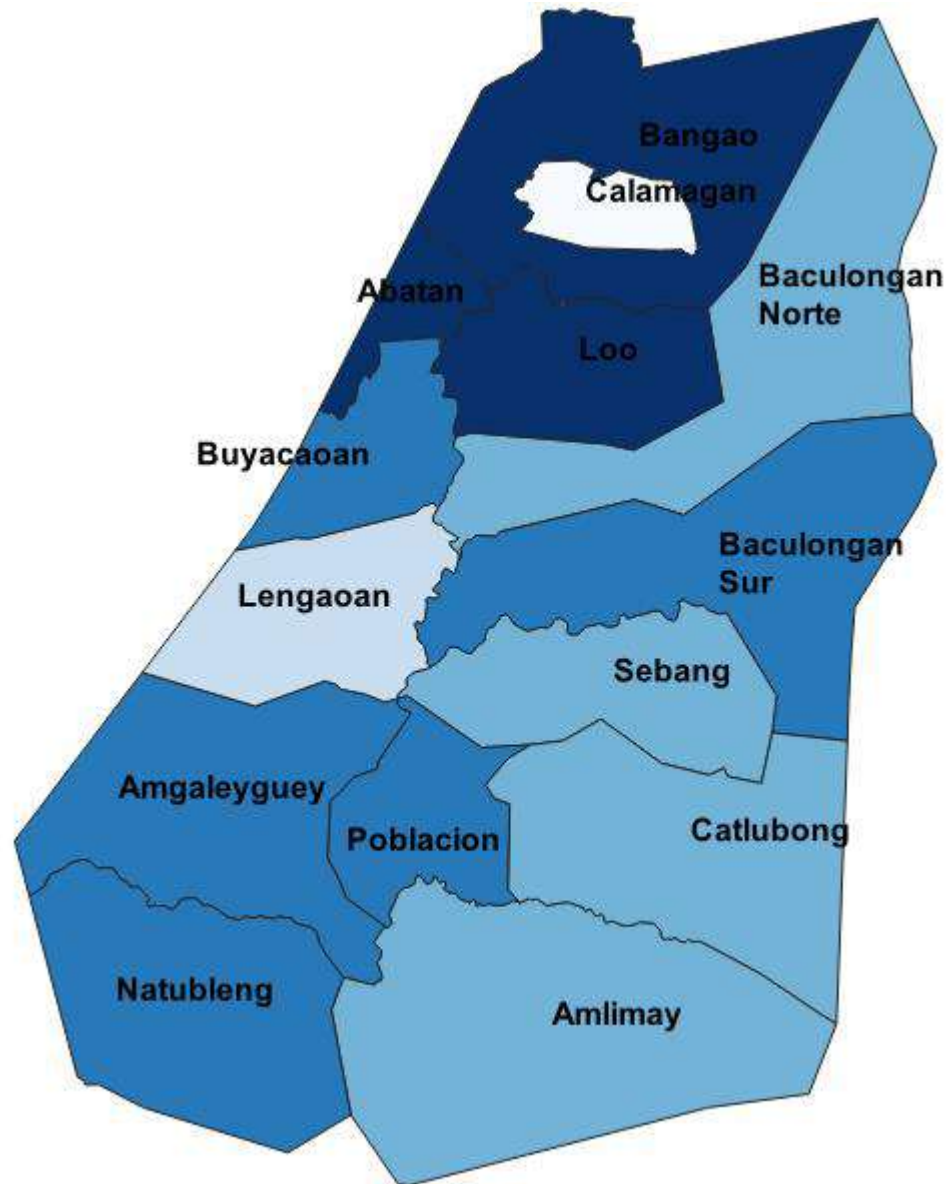
2017



2018

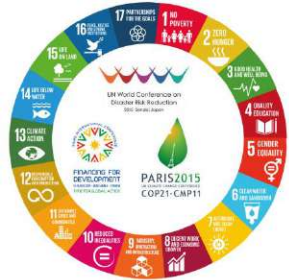


Number of Households with access to Sanitary toilet, 2017

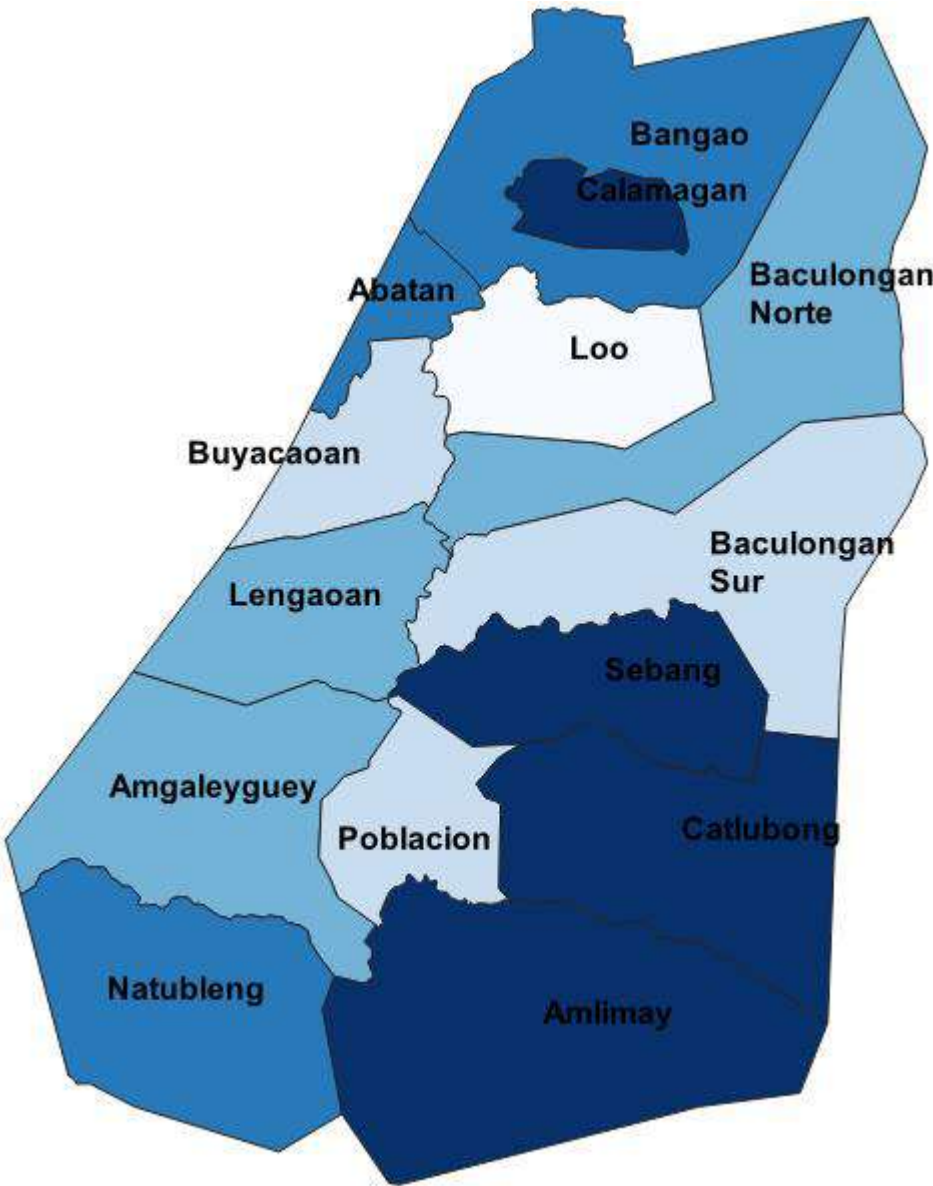


Barangay	With toilet 2017
Abatan	995
Amgaleyguey	674
Amlimay	504
Baculongan Norte	567
Baculongan Sur	648
Bangao	1081
Buyacaoan	689
Calamagan	136
Catlubong	553
Lengaoan	417
Loo	914
Natubleng	644
Poblacion	676
Sebang	531

Source: RSI, 2017

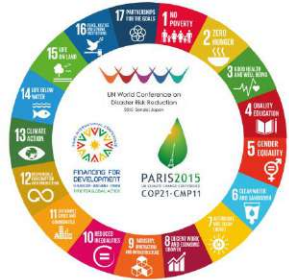


Number of Households without toilet, 2017

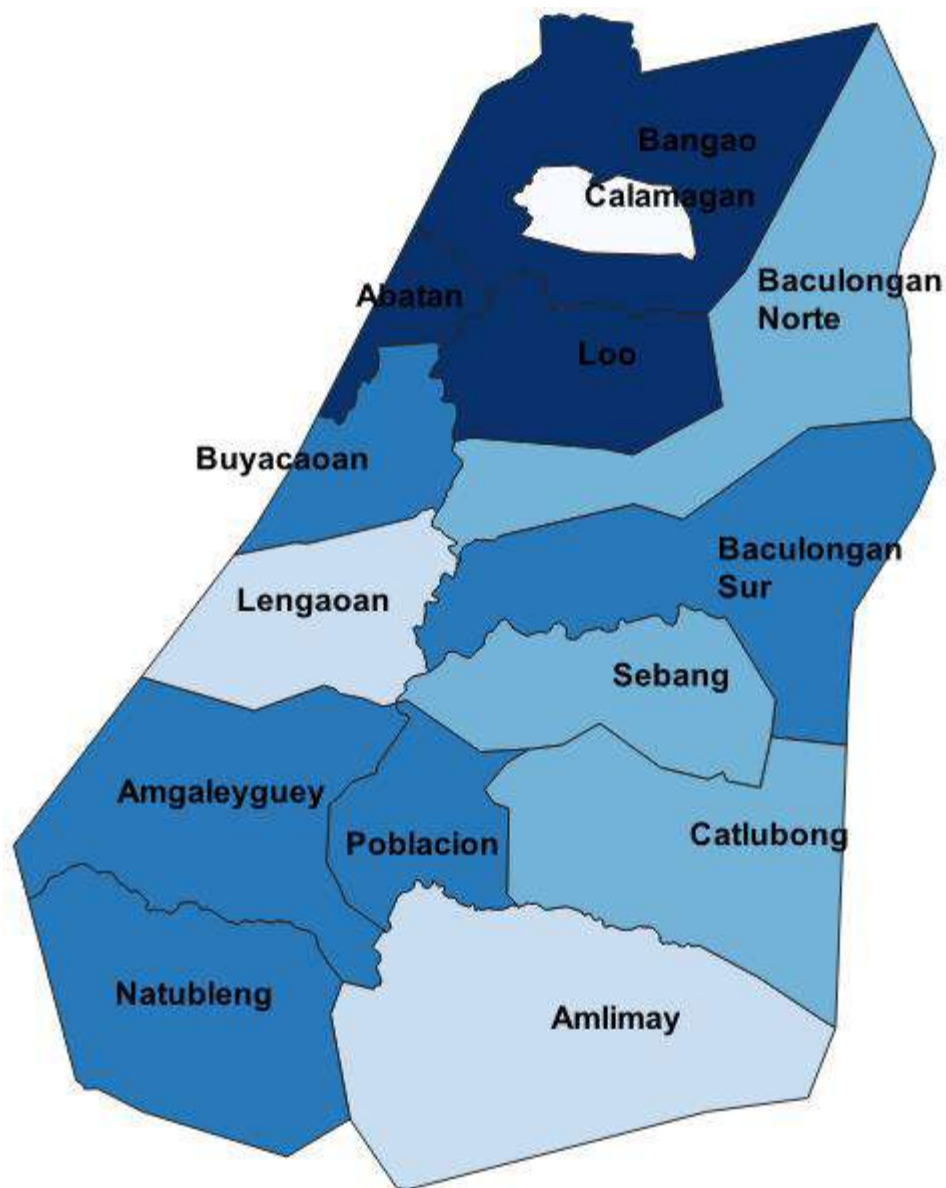


Barangay	HH without Toilet
Abatan	8
Amgaleyguey	43
Amlimay	0
Baculongan Norte	29
Baculongan Sur	75
Bangao	9
Buyacaoan	58
Calamagan	2
Catlubong	5
Lengaoan	30
Loo	96
Natubleng	13
Poblacion	53
Sebang	4

Source: RSI, 2017

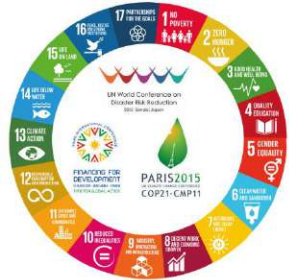


Number of Households with access to Sanitary toilet, 2018

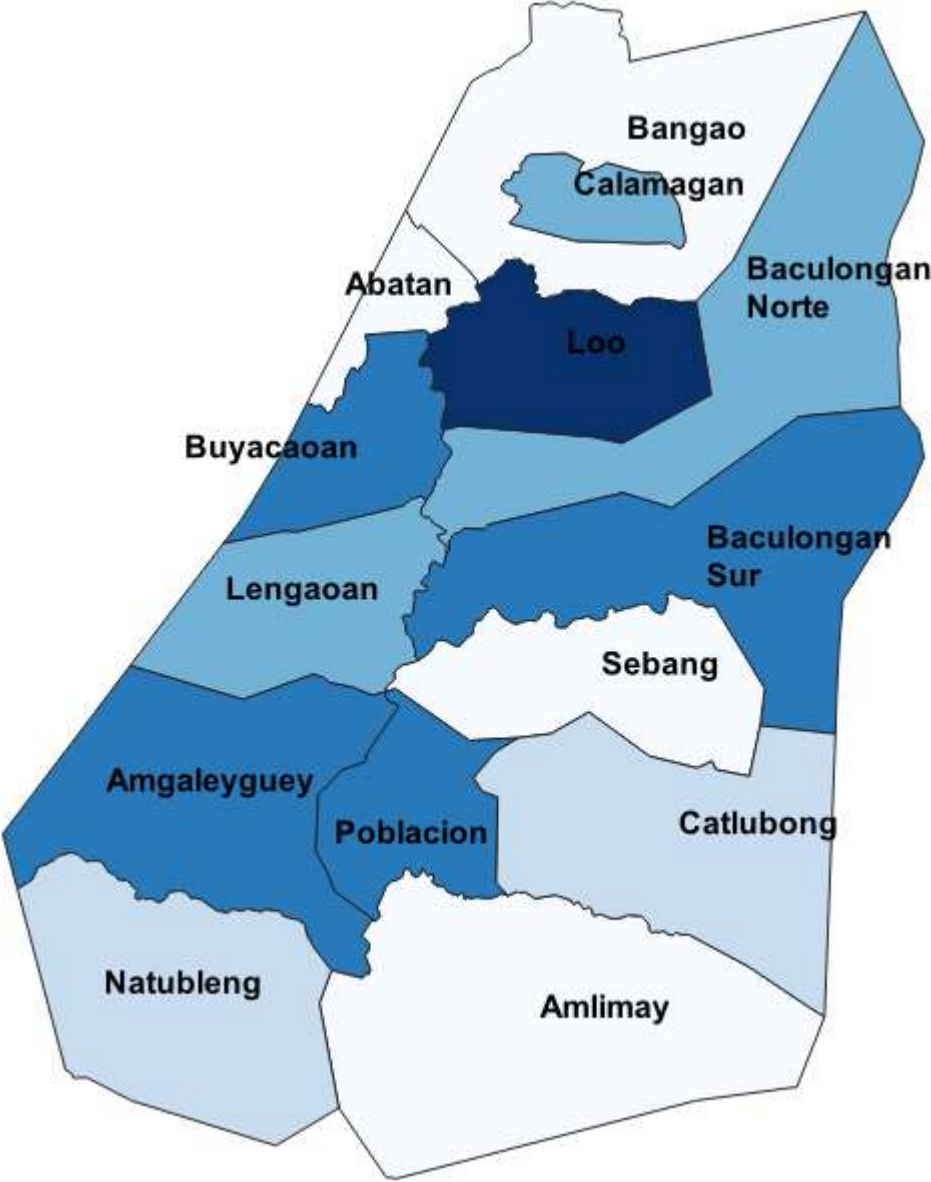


Barangay	Number of Households with sanitary toilet
Abatan	1001
Amgaleyguey	677
Amlimay	469
Baculongan Norte	601
Baculongan Sur	669
Bangao	978
Buyacaoan	697
Calamagan	173
Catlubong	553
Lengaoan	422
Loo	919
Natubleng	646
Poblacion	682
Sebang	531

Source: RSI, 2018



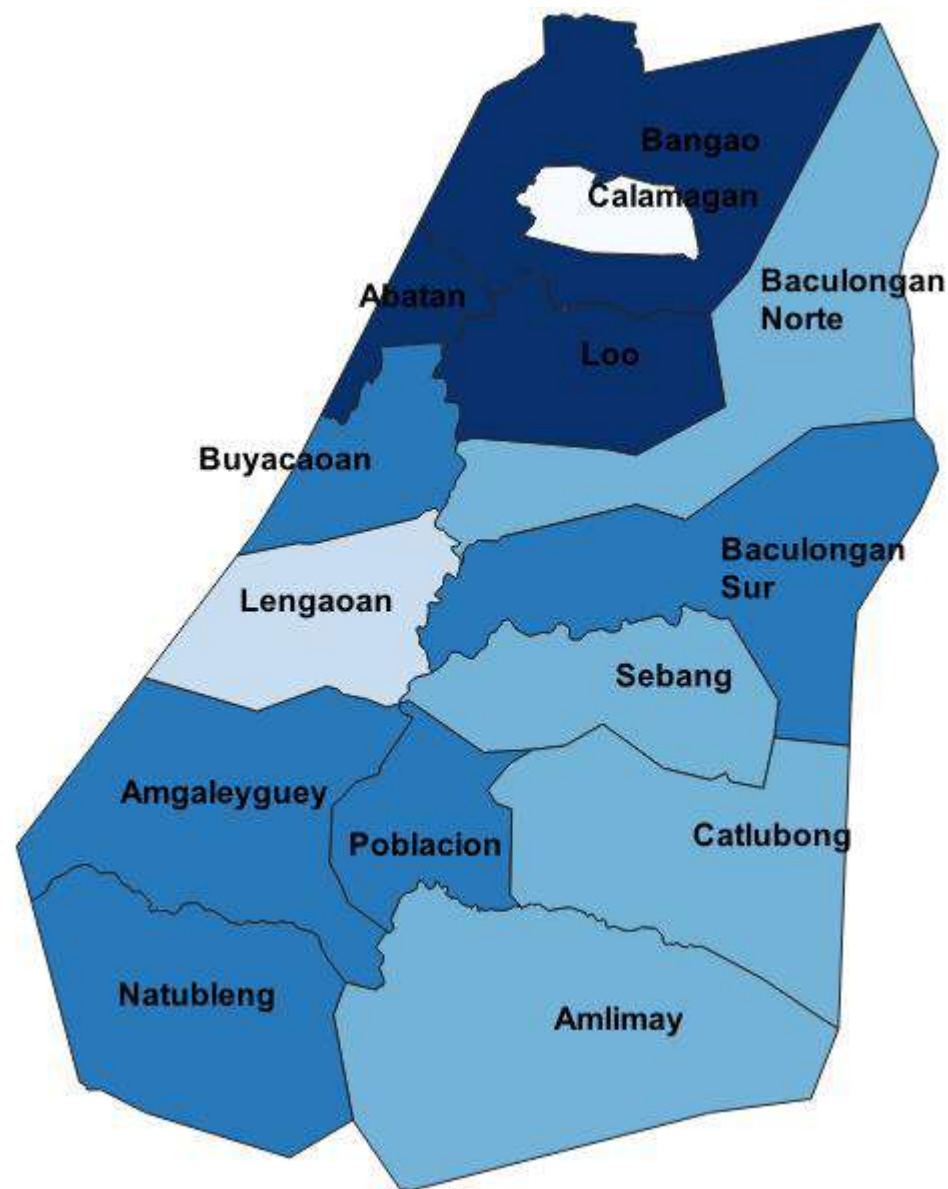
Number of Households without toilet, 2018



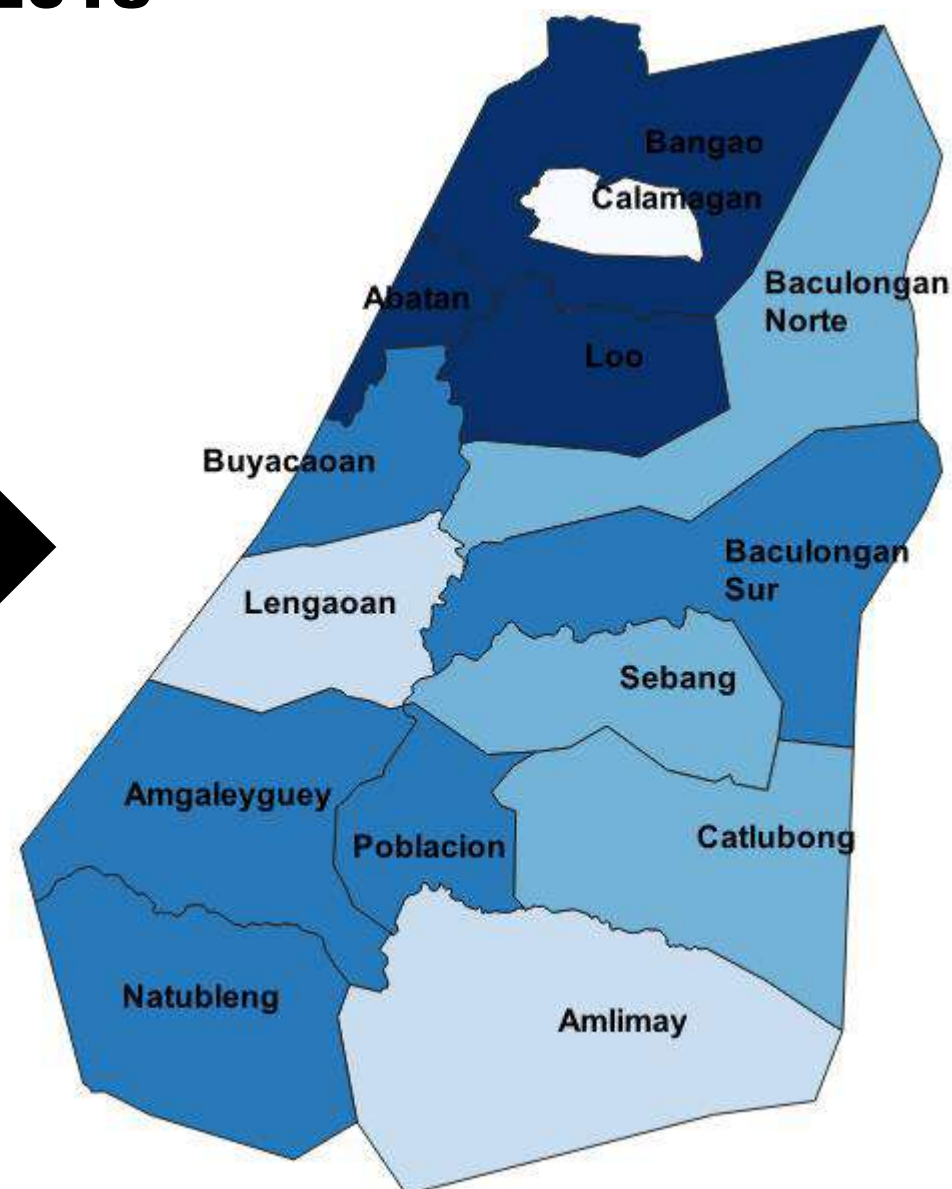
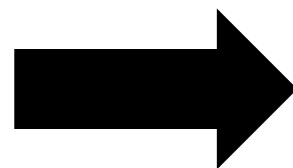
Barangay	Number of Households without toilet
Abatan	2
Amgaleyguey	47
Amlimay	0
Baculongan Norte	26
Baculongan Sur	69
Bangao	1
Buyacaoan	50
Calamagan	22
Catlubong	11
Lengaoan	25
Loo	91
Natubleng	11
Poblacion	47
Sebang	4

Source: RSI, 2018

Number of Households with access to Sanitary toilet, 2017 - 2018



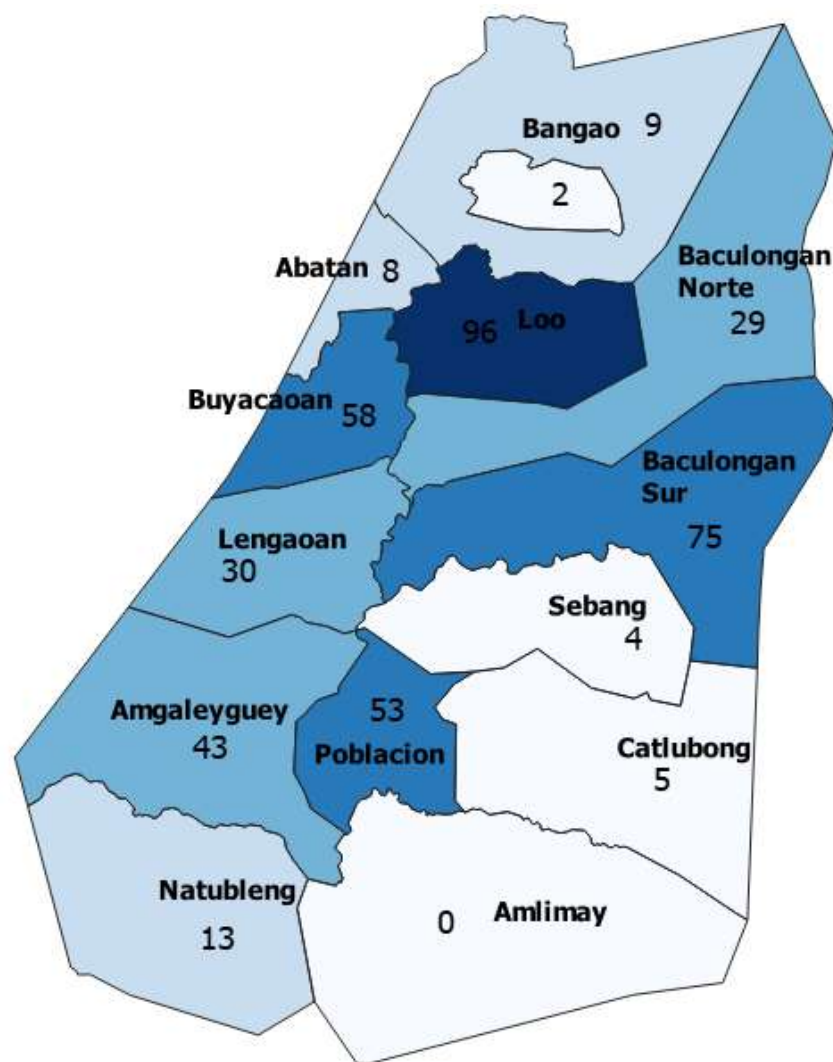
2017



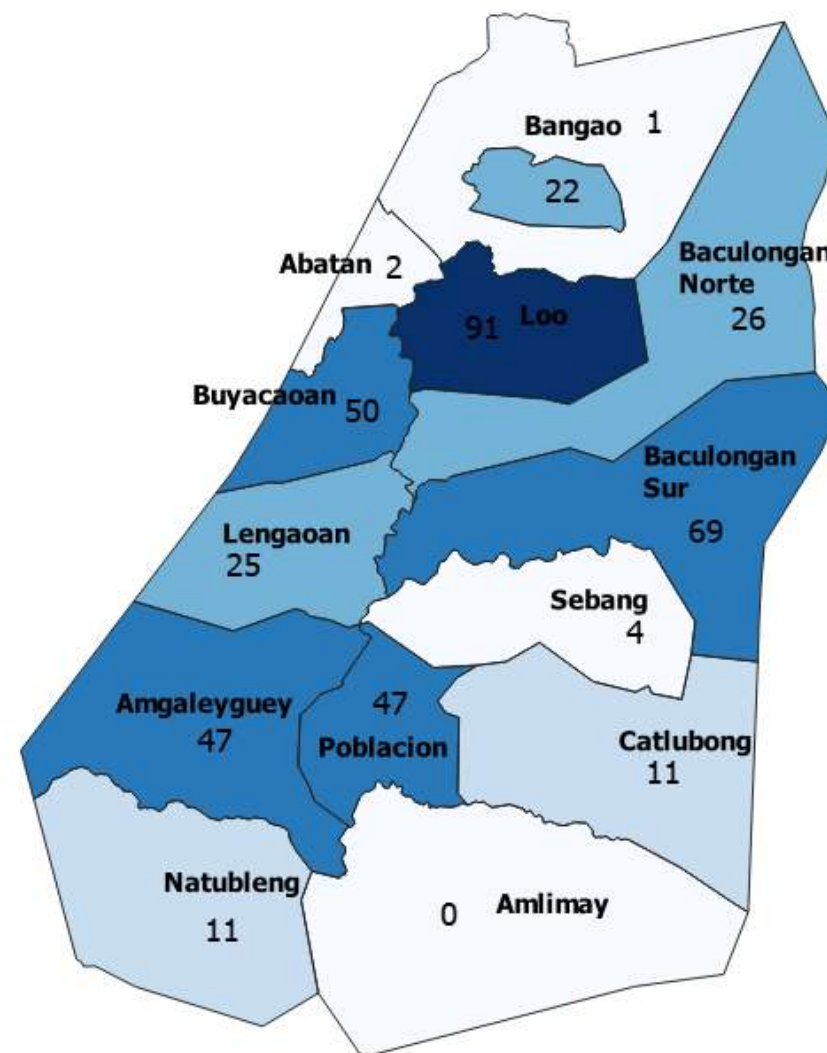
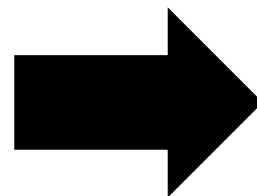
2018

Source: RSI, 2017 - 2018

Number of Households without toilet, 2017 - 2018



2017

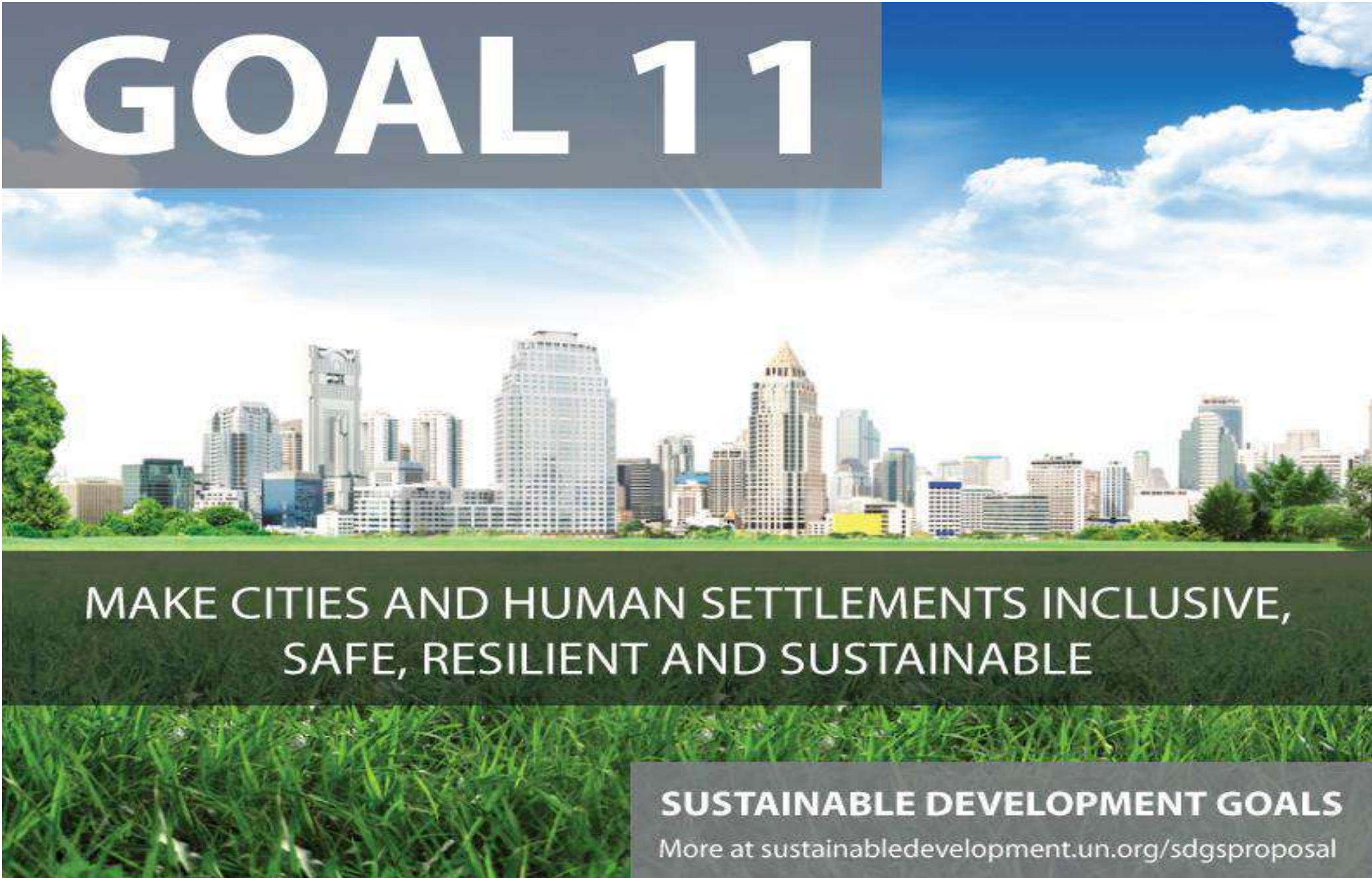


2018

Source: RSI, 2017 - 2018



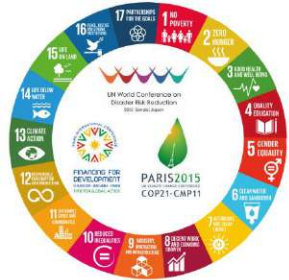
GOAL 11

The background of the slide is a photograph of a city skyline, likely New York City, viewed from a distance across a green field. The sky is blue with white clouds, and the sun is shining brightly, creating a lens flare effect. The city skyline is composed of various skyscrapers and buildings, with some greenery visible in the foreground and along the edges of the city.

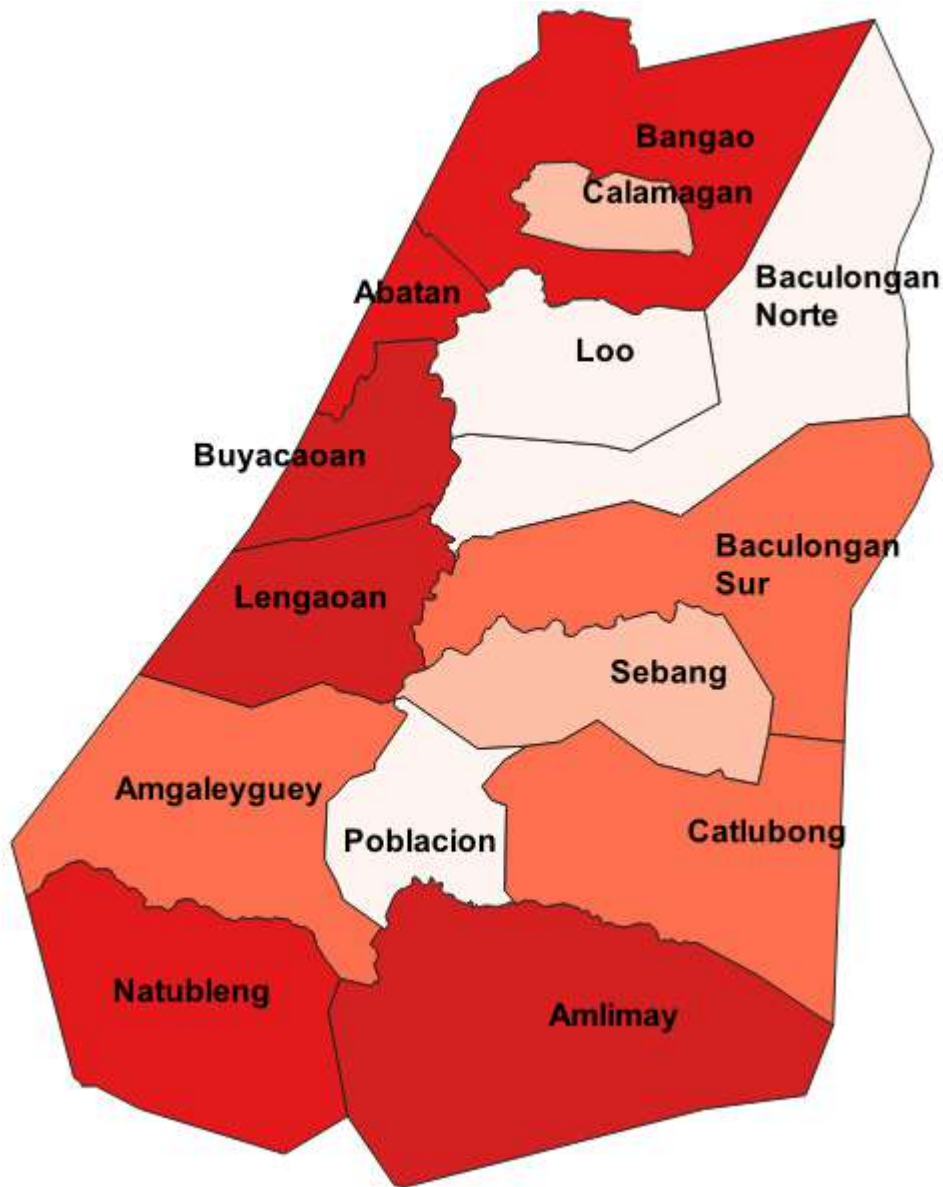
MAKE CITIES AND HUMAN SETTLEMENTS INCLUSIVE,
SAFE, RESILIENT AND SUSTAINABLE

SUSTAINABLE DEVELOPMENT GOALS

More at sustainabledevelopment.un.org/sdgsproposal



Number of informal settlers per Barangay, 2015



Barangay	No. are informal settlers
Abatan	8
Amgaleyguey	4
Amlimay	6
Baculongan Norte	0
Baculongan Sur	3
Bangao	7
Buyacaoan	6
Calamagan	1
Catlubong	4
Lengaoan	5
Loo	0
Natubleng	8
Poblacion	0
Sebang	1

Source: CBMS 2015



GOAL 13

TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE
AND ITS IMPACTS*

Acknowledging that the United Nations Framework Convention on Climate Change is the primary international, intergovernmental forum for negotiating the global response to climate change

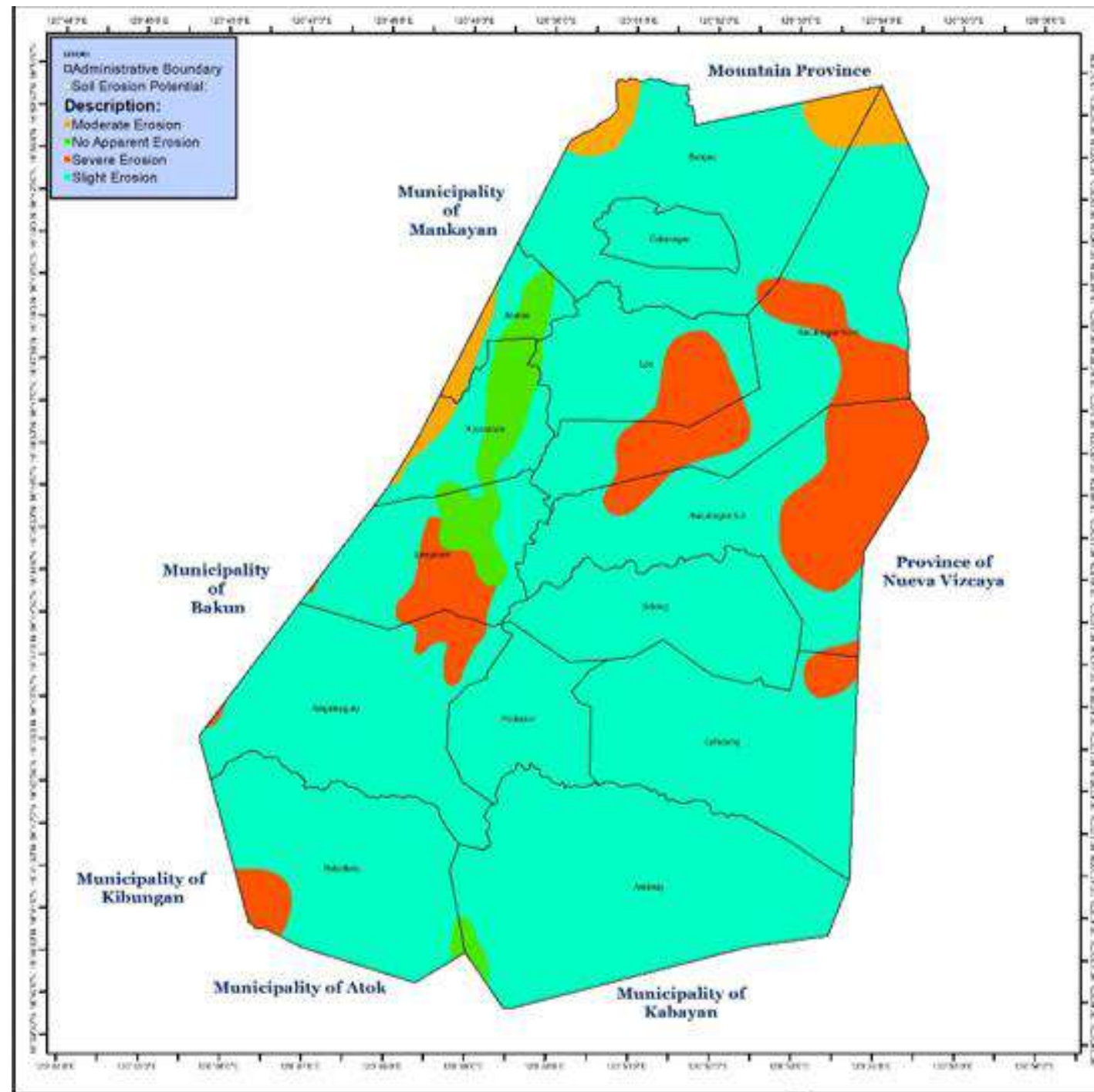
SUSTAINABLE DEVELOPMENT GOALS

More at sustainabledevelopment.un.org/sdgsproposal

a. Hazard Areas

Due to the topography, the ravages of the weather, and the geologic nature of the soils of the municipality, around 17,908 hectares of its territory (84.44% of the total land area) are subject to erosion of varying degrees. According to the Benguet LARIS Report of 1996, 8,793 hectares or 41.42% of Buguias are classified under slight erosion (E1). Three hundred forty seven hectares (1.63% of the total land area) fall under moderate erosion (E2).

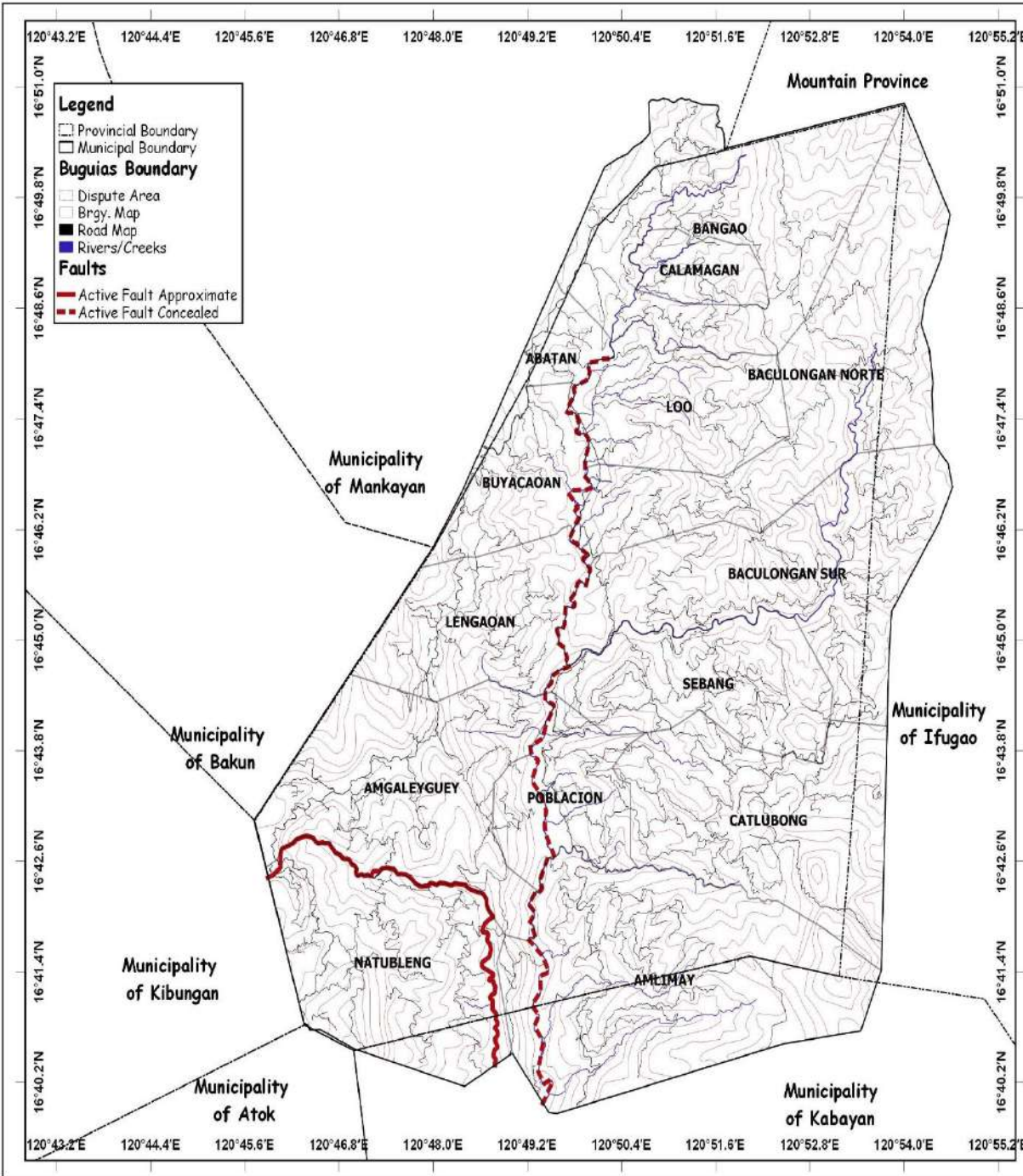
The report also classified 8,563 hectares of the municipality (40.33% of Buguias) under severe erosion (E3) while placing 205 hectares (0.96%) under unclassified erosion (Eu). This means that only 3,323 hectares (15.65% of the municipality) are subject to no apparent erosion (E0) by the report.



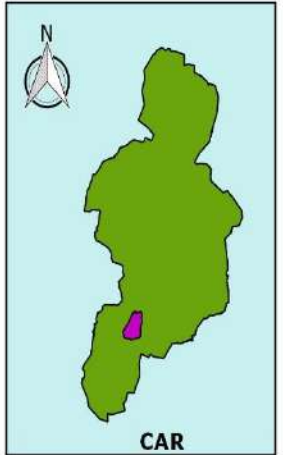


b. Fault Zones

Studies reveal that an intricate pattern of faults transects Benguet Province. As presented by the PHIVOCS, an active fault approximate lies along the Nabalicong River with an approximate length of 10.68 kilometers while an active fault concealed of 20.22 kilometers is found along the Agno River.



LOCATION MAP




FAULT LINES

Republic of the Philippines
MUNICIPALITY OF BUGUIAS
Province of Benguet



Scale: 1:10,000

Projection.....Universal Transverse Mercator (UTM)
Datum.....WGS 1984 , Zone 51N




Prepared by: The Municipal Planning Team & HLURB Technical Assistance
Data Source: Approved Cadastrate
Google Earth
Primary Survey
Date Prepared:
March 2017

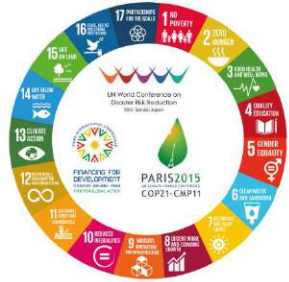


GOAL 15

PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF
TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE
FORESTS, COMBAT DESERTIFICATION, AND HALT AND
REVERSE LAND DEGRADATION AND HALT
BIODIVERSITY LOSS

SUSTAINABLE DEVELOPMENT GOALS

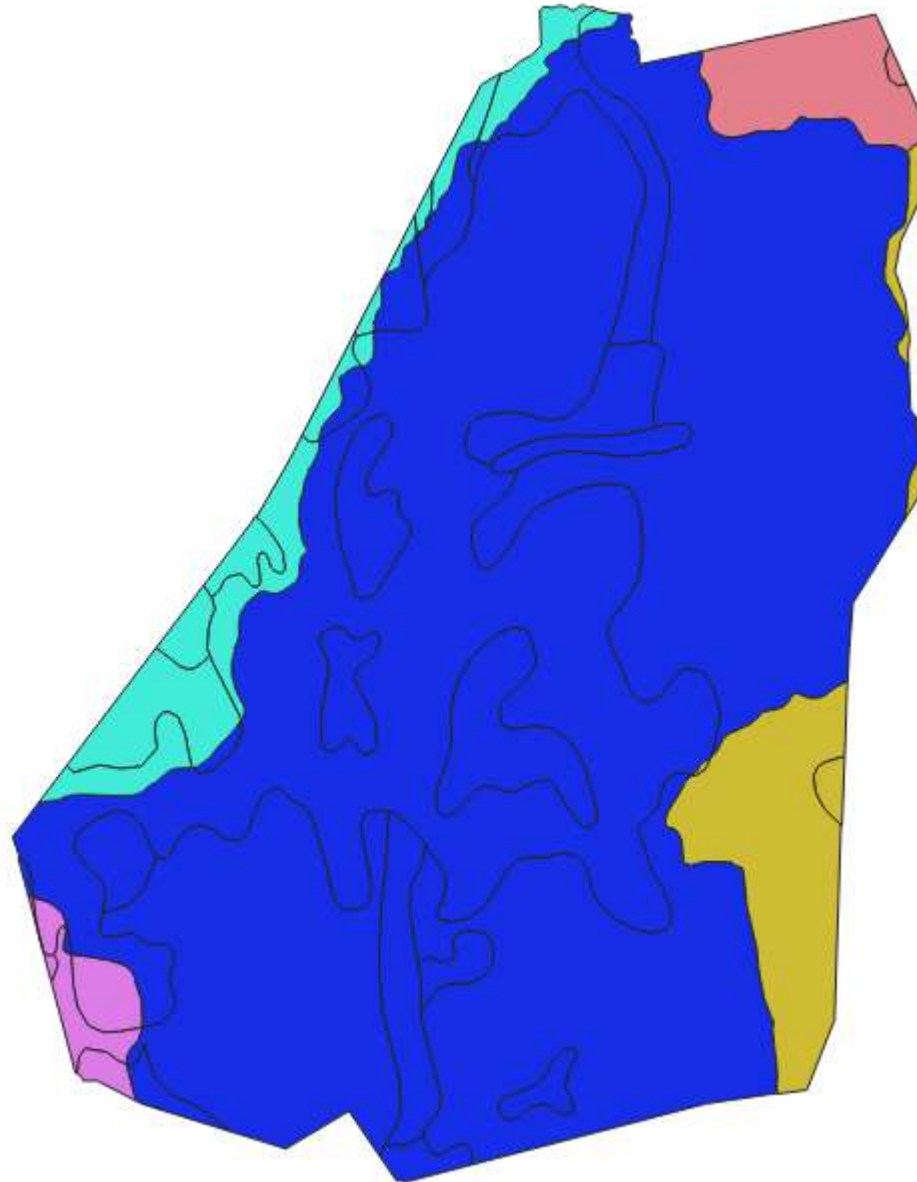
More at sustainabledevelopment.un.org/sdgsproposal



River System

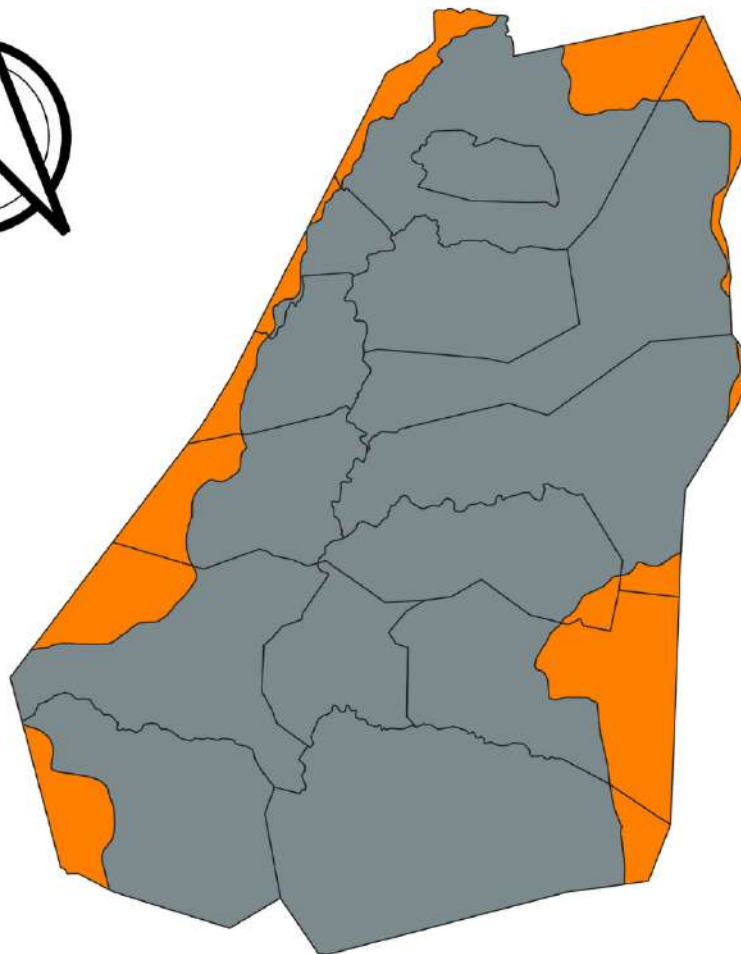
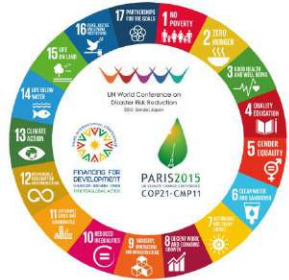
The Agno River system constitutes the main surface drainage of the municipality. It flows southwards from its source at Mt. Data, entering Buguias through Bangao in the north, and bisecting the municipality neatly from north to south, fed by its major tributaries, the Baney River, the Nabalicong River, and the Capuyoan River. Several other smaller streams help drain water in the municipality including Nakibo Creek, Toking Creek, Bano-oy Creek, Gatiley Creek, Daldal Creek, Singi Creek, Guebang Creek, Bongis Creek, Naysuyoc Creek, Pusong Creek and Lusong Creek.

Amburayan River flows at the western part and so with Abra River while Chico River flows northward towards Region I and Magat River flows eastward.



Legend

- Abra River Watershed
- Agno River Watershed
- Amburayan River Watershed
- Chico River Watershed
- Magat River Watershed

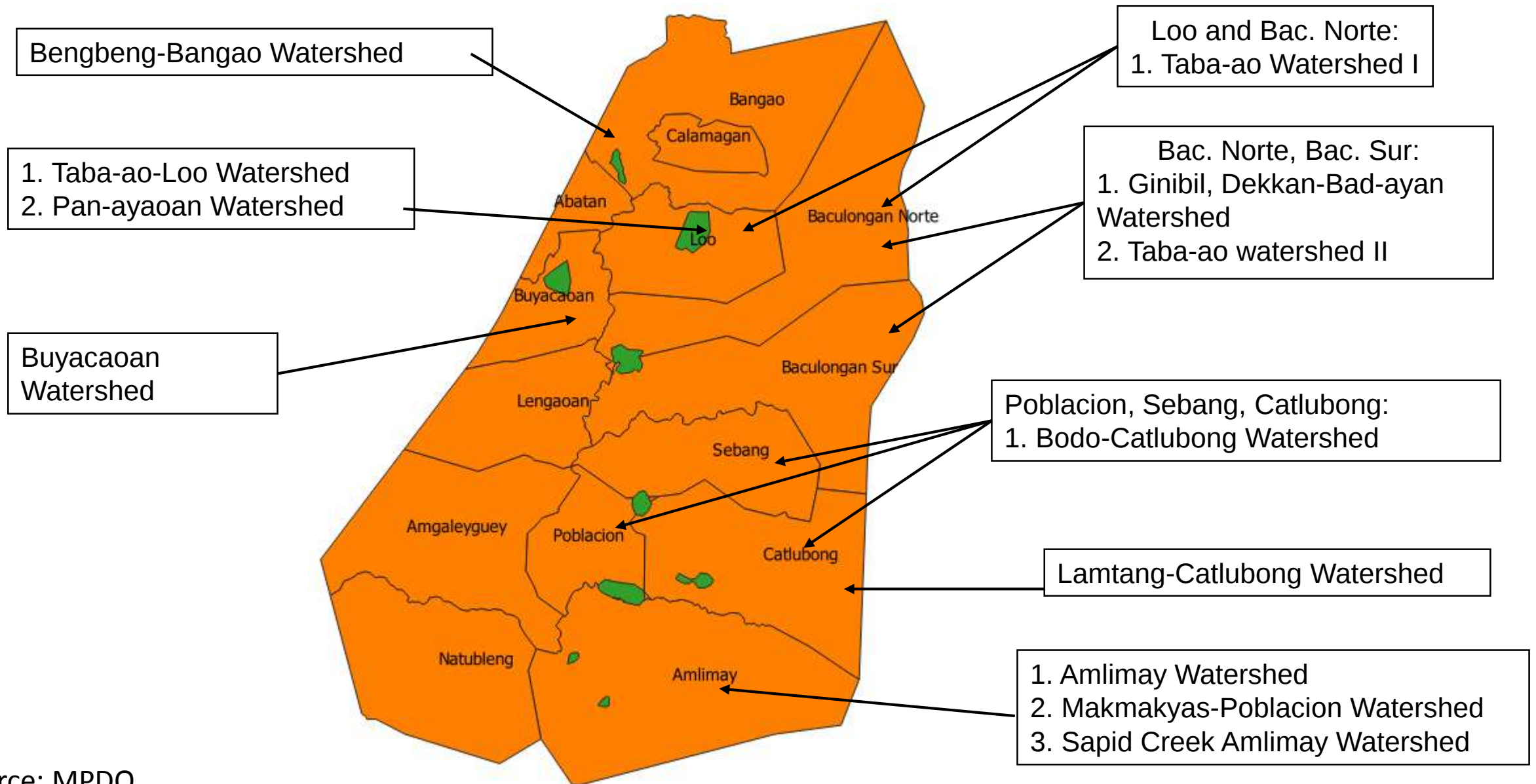


MUNICIPALITY OF BUGUIAS, BENGUET

84.11%*
**OF TOTAL LAND AREA
COVERED BY UPPER AGNO
RIVER BASIN**

***17,849.3530 Has. out of 21,220.2550 Has.**

Communal Forests within the Municipality





Leave
No
Filipino
Behind.

THANK YOU!