



DEPARTMENT OF ENVIRONMENT & NATURAL RESOURCES
Provincial Environment and Natural Resources
Tandag City, Surigao del Sur

MEMORANDUM

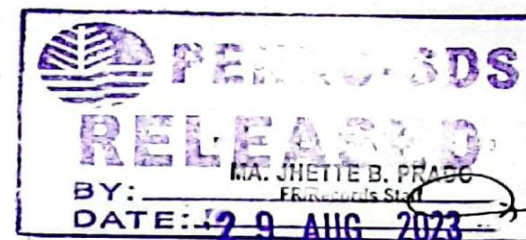
FOR : **The Regional Executive Director**
Caraga Region XIII, Ambago
Butuan City

Att'n. : **The Chief, Planning & Management Division**

FROM : **The OIC PENR Officer**
Tandag City, Surigao del Sur

SUBJECT : **ENR STATISTICAL PROFILE OF PENRO SURIGAO DEL SUR**
FOR CALENDAR YEAR 2023

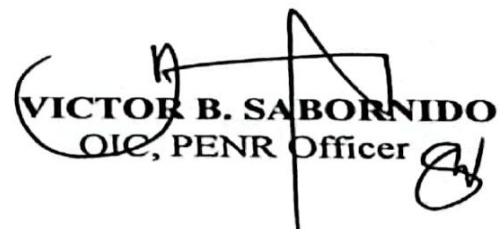
DATE : **29 AUG 2023**



Respectfully submitted herewith is the ENR Statistical Profile of this office for Calendar Year 2023. Data mentioned/presented herein are methodically gathered thru field offices and other government agencies, hence in order.

Electronic copy of the same are emailed to denrcaraga@yahoo.com

For information and record.


VICTOR B. SABORNIDO
OIC, PENR Officer



Surigao del Sur Environment and Natural Resources Statistical Profile

August 2023

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Foreword

This Office is honored to publish PENRO Statistical Profile for Calendar Year 2022 in the hope that this may serve as a handy source of vital information for both government agencies and private entities concerning the environment and natural resources of Surigao del Sur. It highlights the program and projects being implemented by the DENR which includes the PENRO and the CENRO's of Bislig City, Lianga and Cantilan.

Believing in the developmental planning and management of environment and natural resources, and thru the collective effort of the different sectors, we believe that this updated data would play a vital role in any developmental activities geared towards sustainable development of our ecosystems.

We sincerely thank all our CENRO Offices and other agencies in the Province both public and private that have extended their support in making this publication possible.

VICTOR B. SABORNIDO
OIC, PENR Officer

Introduction

The Department of Environment and Natural Resources (DENR) is mandated to conserve, manage, develop, and ensure proper use of the country's environment and natural resources, specifically forest and grazing lands, mineral resources, including those in reservations and watershed areas, and lands of the public domain, as well as the licensing and regulation of all natural resources, as may be provided for by law, for equitable sharing of the benefits derived therefrom for the welfare of the present and future generations of Filipinos. As the primary source of Environment and Natural Resources (ENR) data/information, DENR needs to provide reliable statistics on the ENR situations in the country. The relevant figures and information are of great use to planners, policy makers and researchers for formulation of policies, plans and programs.

Executive Summary

The Department of Environment and Natural Resources is tasked to formulate and implement policies, guidelines, rules and regulations relating to environmental management and pollution and control. It formulates, implements and supervises the government's policies, plans and programs pertaining to the management, conservation, development, use and replenishment of the country's natural resources and ecological diversity. DENR also promulgates and implements rules and regulations governing the exploration, development, extraction, disposition, and use of forests, lands, minerals, wildlife and other natural resources.

The Surigao del Sur Environment and Natural Resources Statistical Profile covers the Demographic as well as the lands, biodiversity, forestry and water sectors in a tabular data and information.

The data provided herein well support planning and decision making not only within the Province but also of other stakeholders such as the Local Government Unit in their provincial and municipal planning.

Demographic Profile

A. Population

Surigao del Sur registered a population of 592, 250 in the CY 2015 census, making it the third most populated province in the region. The province accounts for 23 percent of the total population of region, and 1 percent of the Philippines. Its average annual population growth between the census years 2000, 2010 and 2015 was 1.03 percent and 1.12. percent.

Annual Population Growth Rate		
Province	Population Growth Rate	
	2010-2015	2000-2010
Surigao del Sur	1.03	1.12

Source: Region XIII-Caraga (Based on the 2000, 2010 and 2015 Censuses)

B. Population and Land Area by Municipality

Municipalities	Area (has.)	Population (2015)	No. of Barangays
Barobo	22,576	49,730	21
Bayabas	3,366	8,164	7
Bislig	42,264	94,535	24
Cagwait	16,518	20,384	11
Cantilan	16,851	31,492	17
Carmen	15,919	10,347	8
Carrascal	28,592	22,479	14
Cortes	12,963	15,912	12
Hinatuan	31,523	39,842	24
Lanuza	24,209	12,001	13
Liangá	24,027	29,493	13
Lingig	47,934	31,485	18
Madrid	18,990	15,223	14
Marihatag	32,689	18,578	12
San Agustin	24,385	22,779	13
San Miguel	57,938	39,340	18
Tagbina	40,998	38,833	25

Municipalities	Area (has.)	Population (2015)	No. of Barangays
Tago	28,435	35,329	24
Tandag	23,593	56,364	21
Surigao del Sur	513,770	592,250	309

Source: PSA

C. Education

Education is a never-ending process of acquiring knowledge and skills. It takes place from conception to death.

From generation to generation, education is considered as the sharpest weapon to combat poverty and survival.

It is now the task of Department of Education (DepEd) to ensure that all school aged children should be in school attending for their basic elementary and secondary education and eventually proceed to tertiary level of education which is the basic requirement in having to be professionally employed.

Basic Performance Indicator	Participation Rate		Graduation Rate	
	SY 2008-2009	SY 2009-2010	SY 2008-2009	SY 2009-2010
Division				
Elementary	Public		Public	Private
Surigao del Sur	76.57	70.75	95.96	97.78
Bislig City	62.84	58.85	94.52	99.47
Secondary Level (Division)	Public	Public	Private	Elementary Level
Surigao del Sur	42.22	43.91	93.88	97.99
Bislig City	51.03	47.78	86.23	99.87
Completion Rate	Elementary		Secondary	
Surigao del Sur	60.25	60.25	64.21	62.40
Bislig City	65.28	65.13	62.16	60.97

C. Religion

Municipality	Roman Catholic	UCCP	Iglesia ni Cristo	PICC	Baptist	Adventist	Assembly of God
Carrascal	79%	4%	6%	5%	3%	1%	1%
Cantilan	75%	5%	6%	3%	3%	4%	4%
Madrid	79%	4%	11%	5%	8%	1%	2%

Municipality	Roman Catholic	UCCP	Iglesia ni Cristo	PICC	Baptist	Adventist	Assembly of God
Carmen	70%	4%	9%	8%	4%	3%	2%
Lanuza	64%	6%	18%	6%	3%	1%	2%
Cortes	54%	10%	5%	20%	3%	2%	6%
Tandag	60%	4%	25%	2%	3%	2%	4%
Liangá	75%		5%	5%	5%	5%	
Marihatag	75%		5%	5%	5%	5%	
San Agustin	75%		5%	5%	5%	5%	
Tago	54%	6%	18%	5%	6%	9%	2%
San Miguel	49%	6%	10%	30%	1%	1%	3%
Bayabas	71%	1%	6%	3%	2%	2%	15%
Cagwait	58%	12%	24%	0%	2%	2%	2%
Barobo	75%		5%	5%	5%	5%	
Bislig	44%	6%	20%	6%	3%	13%	8%
Hinatuan	51%	4%	22%	8%	1%	9%	5%
Tagbina	62%	5	12	8%	6%	6%	1%
Lingig	49%	10%	21%	4%	6%	6%	4%

Source: PSA

D. Infrastructure

D.1 Sea Port/Airport

Municipality	No. of Seaport	No. of Airport
Tandag	1	1
Carrascal	1	None
Cantilan	1	None
Cagwait	1	None
Bislig	1	1
Lingig	1	None
Surigao del Sur	5	2

D.2 Existing National Bridges (length and number)

District Engineering Office	Permanent Bridges						Temporary Bridges					
	Concrete		Steel		Total		Bailey		Timber		Grand Total	
	Number	Length	Number	Length	Number	Length	Number	Length	Number	Length	Number	Length
Surigao del Sur 1 st District	89	3,256	27	1,438	116	4,694	0	-	0	-	116	4,694
Surigao del Sur 2 nd District	25	860	11	365	36	1,225	0	-	0	-	36	1,225

*Unit of Measure: In Linear Meter

Source: RBIA Database (Nov. 17, 2022)

D.3 National Roads with Classification, Surface Type and Condition

District Engineering Office	Good	Fair	Poor	Bad	No Assessment	Grand Total
Surigao del Sur 1st DEO	88.47	97.73	23.71	5.73	6.02	221.66
Asphalt	7.86	-	-	-	0.64	8.75
Concrete	79.98	97.73	23.71	5.73	5.38	213.19
Surigao del Sur 2nd DEO	95.18	41.73	7.93	7.24	3.95	156.03
Asphalt	45.58	12.97	3.28	7.2	2.15	2.15
Concrete	49.6	28.76	4.65	0.73	1.78	130.27
TOTAL	183.65	139.46	31.64	12.97	9.97	377.69

*Unit of Measure: Kilometer (km)

Source: RBIA Database (Oct. 14, 2022)

ENR Statistical Profile
Lands Sector

A. Land Management

1. Land Area

Province	Contested Area (in hectares)	Uncontested Area (in hectares)
Surigao del Sur	5,590,507.89	0.0000

Source: Cadastral Survey and GIS One Control Map

2. Patrimonial Properties

Province/Municipality/City	No of Lots	Total Land Area (in hectares)	Income (Php)	
			Sale	Lease
Surigao del Sur	NONE	NONE	NONE	NONE

Source:

B. Land Disposition

1. Public Land Application Patents

1.1. Residential Free Patent Issued

Province	No. of Transmitted to RoD	Area (in hectares)	Number of Beneficiaries		
			Total Beneficiaries	Female	Male
Surigao del Sur	551	10.64041	551	257	294

Source: ROD Transmittal Copy

1.2. Agricultural Free Patent Issued

Province	No of Transmitted to RoD	Area (in hectares)	Number of Beneficiaries			List of other Patents issued more than hectares5 hectares
			Total Beneficiaries	Female	Male	
Surigao del Sur	134	25382.881	134	55	79	2

Source: ROD Transmittal Copy

1.3. Homestead

Province	No. of Transmitted to RoD	Area (in hectares)	Number of Beneficiaries		
			Total Beneficiaries	Female	Male
Surigao del Sur	0	0.0000	0	0	0

Source:

1.4. List of Special Patent of LGUs and NGAs

Name of Patentee	Area (in hectares)	Location		Patent No.	Date Transmitted to RoD	Government Sites/Housing Project endorsed to Central Office for Issuance of Proclamation/Special Patent	
		Barangay	Municipality				
SCHOOL SITE							
Bislig City National High School - Coletto Annex	2.9676	Coletto	Bislig City	SP-SCH-SUR-0119	03/17/2022	FALSE	
Coletto Elem. School	1.8017	Coletto	Bislig City	SP-SCH-SUR-0120	03/17/2022	FALSE	
Loyola Elem. School	0.7579	Loyola	Hinatuan	SP-SCH-SUR-0118	03/17/2022	FALSE	
Calatngan Integrated School	2.0121	Calatngan	Cantilan	SP-SCH-SUR-0131	11/15/2023	FALSE	
Banuison Elementary School	0.1868	Burgos	Cortes	SP-SCH-SUR-0123	09/09/2022	FALSE	
Uba Elementary School	0.6473	Uba	Cortes	SP-SCH-SUR-0125	09/09/2022	FALSE	
Tag-Anungan Elementary School	0.1439	Tag-Anungan	Cortes	SP-SCH-SUR-0127	09/09/2022	FALSE	

Name of Patentee	Area (in hectares)	Location		Patent No.	Date Transmitted to RoD	Government Sites/Housing Project endorsed to Central Office for Issuance of Proclamation/Special Patent	
		Barangay	Municipality				
Cortes Central Elementary School	0.5282	Poblacion	Cortes	SP-SCH-SUR-0128	09/09/2022	FALSE	
Lobo Elementary School	0.51	Lobo	Cantilan	SP-SCH-SUR-0122	09/09/2022	FALSE	
Antao Elementary School	0.7976	Antao	Carmen	SP-SCH-SUR-0126	09/09/2022	FALSE	
Carmen National Agricultural High School	0.6262	Poblacion	Carmen	SP-SCH-SUR-0124	09/09/2022	FALSE	
Nurcia	0.7072	Nurcia	Lanuza	SP-SCH-SUR-0121	09/09/2022	FALSE	
Bolhoon National High School	4.6524	Bolhoon	San Miguel	SP-SCH-166816-009	03/02/2022	FALSE	
Hagumitan Elementary School	0.8704	Bolhoon	San Miguel	SP-SCH-SUR-0117	03/02/2022	FALSE	
Patong Elementary School	1.071	Patong	San Miguel	SP-SCH-SUR-0113	03/02/2022	FALSE	
Baras Elementary School	0.5034	Baras	San Miguel	SP-SCH-SUR-0129	10/20/2022	FALSE	
San Pedro, Marihatag, Surigao del Sur	1	San Pedro	San Miguel	SP-SCH-SUR-0130	08/11/2022	FALSE	
Calatngan Integretaed School	20121	Calatngan	San Miguel	SCH-166816-011	07/11/2022	FALSE	
Libas-Sud Integrated School	1.5129	Libas-Sud	San Miguel	SP-SCH-SUR-0133	05/12/2022	FALSE	
Anibongan Elementary School	0.6537	Anibongan	Liangá	SP- SCH-SUR-0132	05/12/2022	FALSE	
LGU's/NGA's							
Philippine National Police	0.0516	Aquino	Hinatuan	SP-NGA-SUR-0060	1/11/2022		FALSE
LGU of the Municipality of Hinatuan	0.1607	Aquino	Hinatuan	SP-LGU-SUR-0061	4/7/2022		FALSE
LGU of the Municipality of Hinatuan	0.2919	Aquino	Hinatuan	SP-LGU-SUR-0064	4/7/2022		FALSE
LGU of the Municipality of Hinatuan	0.6523	Aquino	Hinatuan	SP-LGU-SUR-0062	4/7/2022		FALSE

Name of Patentee	Area (in hectares)	Location		Patent No.	Date Transmitted to RoD	Government Sites/Housing Project endorsed to Central Office for Issuance of Proclamation/Special Patent	
		Barangay	Municipality				
LGU of the Municipality of Hinatuan	0.3950	Aquino	Hinatuan	SP-LGU-SUR-0063	4/7/2022		FALSE
Philippine National Police	0.0409	Poblacion	Carmen	SP-NGA-0065	09/16/2022		FALSE

Source: Transmittal of Patents

2. Non-Patentable Public Land Application

2.1. Management of Foreshore Areas

Province/Municipality	Foreshore Lease Agreements Issued		
	No. of Lots	Total Land Area (in hectares)	Total Forecasted Annual Revenue (Php)
Surigao del Sur	NONE	NONE	NONE

Source: No lease contracts in the AOR of CENRO Bislig and Lianga, CENRO Cantilan has 2 FLAs and 1 MLA which are issued prior to 2022

3. Other Land Activity

3.1. Inspection Verification and Approval Survey (IVAS Form 1)

Total Number of Plans	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
No. of Approved Surveys	1	1			1	4			3	1	1		12
Original Surveys			1										1
Subsequent Surveys (Titled & Untitled)					3	1	3		1	1			9
Untitled (e.g. CSD, CVN, CCS etc)	1				1			1	1				4
Titled (PSD, PCS, etc)													

Source:

ENR Statistical Profile
Biodiversity Sector

A. Protected Area

ALAMIO, BUYAAN, CARAC-AN, PANIKIAN RIVERS AND SIPANGPANG FALLS WATERSHED FOREST RESERVES

1. Profile of Protected Area within the Region

General Information	
Location	Covering the Municipalities of Carrascal, Cantilan, and Madrid in the Province of Surigao del Sur; and the Municipalities of Santiago and Jabonga, an the City of Cabadbaran in the Province of Agusan del Norte
Category	Protected Landscape
Ecosystem Type	Terrestrial
Legal Basis (Proclamation Number)	Presidential Proclamation No. 1747
Legal Status	Proclaimed
Total Area (hectares)	43,601 hectares
Area by Management Zone	
Multiple Use Zone Area (hectares)	26,594.7 hectares
Strict Protection Zone Area (hectares)	17,006.3 hectares
Buffer Zone Area (hectares)	Not Applicable
Area Distribution of Coastal Resources (in hectares)	
Mangrove	Not Applicable
Corals	Not Applicable

Seagrass	Not Applicable			
Income and Economic Activities				
Integrated Protected Area Fund (IPAF) Collection and Disbursement Status	Source of Income	Percentage of Income	Total Income (Php)	
	Not Applicable	Not Applicable	Not Applicable	
List of Major Economic Activities	Not Applicable			
Annual Income Generated (Php)	Not Applicable			
Protected Area Management				
Management Plan		Year Adopted	Implementation Period	
PA Management Plan		2021	2022-2031	
Ecosystem Management Plan		Not Applicable	Not Applicable	
Cave Management Plan		Not Applicable	Not Applicable	
Wetland Management Plan		Not Applicable	Not Applicable	
Survey and Registration of Protected Area Occupants (SRPAO)	Year Completed	2017		
	No. of PA Occupants	Total	Male	Female
		3,325	1,676	1,649
Reforestation				
Area Planted	1,134.06 hectares (NGP); 6,663.81 hectares (CBFM)			
Species Planted	Bamboo, Indigenous Species and Agroforestry			

2. Protected Areas with Protected Area Management Board (PAMB) - if applicable

Name of Organization	Number of PAMB Members		
	Male	Female	Total
Alamio, Buyaan, Carac-an, Panikian Rivers and Sipangpang Falls Watershed Forest Reserves Protected Area Management Board (AlabuyCarPanSip WFR-PAMB)	18	7	25

3. Monitoring of PA Visitors

Type of Visitors	Male	Female	Total
Foreign	Not Applicable	Not Applicable	Not Applicable
Local	Not Applicable	Not Applicable	Not Applicable
Total	Not Applicable	Not Applicable	Not Applicable

Source: DENR CENRO Cantilan, SDS

Category	Number of Visitors
Children <7 yrs old	Not Applicable
Student	Not Applicable
Adult	Not Applicable
Senior Citizen	Not Applicable
Persons with Disability	Not Applicable

4. Inventory of Coastal Resources Condition

Coastal Resource	Date of Inventory	Status	Area (in hectares)	Dominant Species
Mangrove	Not Applicable	Poor	Not Applicable	Not Applicable
		Fair	Not Applicable	Not Applicable
		Good	Not Applicable	Not Applicable
		Excellent	Not Applicable	Not Applicable
Corals	Not Applicable	Poor	Not Applicable	Not Applicable
		Fair	Not Applicable	Not Applicable
		Good	Not Applicable	Not Applicable
		Excellent	Not Applicable	Not Applicable
Seagrass	Not Applicable	Poor	Not Applicable	Not Applicable
		Fair	Not Applicable	Not Applicable
		Good	Not Applicable	Not Applicable
		Excellent	Not Applicable	Not Applicable

Source: DENR CENRO Cantilan, SDS

5. Biodiversity Friendly Enterprise

Name of PO Assisted	Area	Coordinates (DMS)	Name of PA/ Other Conservation Areas	Name of Enterprise	Category of BDFE	Product of BDFE/ Enterprise	No. of members		BDFE Level	Year Established	Net Income	Financial Assistance
							Male	Female				
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

6. Ecotourism Sites Identified/Assessed/Developed

Name of Ecotourism Site	Other Name of Ecotourism Site	Area (in hectares)	Main Attraction	Facilities Available
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

B. Tenurial Instruments within Protected Areas

1. Protected Areas with Protected Area Community-Based Resource Management Agreement (PACBRMA)

Name of PA	Name of People's Org	Area Covered (in hectares)	Date Approved	Date of Expiration	Number of Families	Number of members		
						Male	Female	Total
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

Source: DENR CENRO Cantilan, SDS

2. Protected Areas with Special Use Agreement in Protected Areas (SAPA)

Name of PA	Name of SAPA Holder	Nature of Development	Area Covered (in hectares)	Date Approved	Date of Expiration
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Source: DENR CENRO Cantilan, SDS

BARBOLAVA PROTECTED LANDSCAPE AND SEASCAPE

1. Profile of Protected Area within the Region

General Information			
Location	Brgy. Lawigan, Bislig City & Brgy's. Barcelona, Bongan & Valencia, Lingig, SDS		
Category	Protected Landscape and Seascape		
Ecosystem Type	Terrestrial and Marine		
Legal Basis (Proclamation Number)	PP No. 2152 and RA 11038 ENIPAS Act of 2018		
Legal Status	Initial Component of NIPAS		
Total Area (hectares)	754 hectares		
Area by Management Zone			
Multiple Use Zone Area (hectares)	Not Applicable		
Strict Protection Zone Area (hectares)	Not Applicable		
Buffer Zone Area (hectares)	Not Applicable		
Area Distribution of Coastal Resources (in hectares)			
Mangrove	Not Applicable		
Corals	Not Applicable		
Seagrass	Not Applicable		
Income and Economic Activities			
Integrated Protected Area Fund	Source of Income	Percentage of Income	Total Income (Php)

(IPAF) Collection and Disbursement Status	NONE	NONE	NONE	
List of Major Economic Activities	NONE			
Annual Income Generated (Php)	NONE			
Protected Area Management				
Management Plan	Year Adopted		Implementation Period	
PA Management Plan	NONE		NONE	
Ecosystem Management Plan	NONE		NONE	
Cave Management Plan	NONE		NONE	
Wetland Management Plan	NONE		NONE	
Survey and Registration of Protected Area Occupants (SRPAO)	Year Completed	NONE		
	No. of PA Occupants	Total	Male	Female
		NONE	NONE	NONE
Reforestation				
Area Planted	232.09 hectares			
Species Planted	Mangrove Species			

2. Protected Areas with Protected Area Management Board (PAMB) - if applicable

Name of Organization	Number of PAMB Members		
	Male	Female	Total

BARBOLAVA PLAS Protected Area Management Board	14	5	19
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3. Monitoring of PA Visitors

Type of Visitors	Male	Female	Total
Foreign	Not Applicable	Not Applicable	Not Applicable
Local	Not Applicable	Not Applicable	Not Applicable
Total	Not Applicable	Not Applicable	Not Applicable

Source: DENR CENRO Cantilan, SDS

Category	Number of Visitors
Children <7 yrs old	Not Applicable
Student	Not Applicable
Adult	Not Applicable
Senior Citizen	Not Applicable
Persons with Disability	Not Applicable

4. Inventory of Coastal Resources Condition

Coastal Resource	Date of Inventory	Status	Area (in hectares)	Dominant Species
Mangrove	2017	Excellent	754	Api api, Nigi, Gapas-gapas, Bakauan lalaki, Bakauan babae, Pototan, Pototan-lalaki, Sagasa, Anlutong, Tabigi, Pagatpat
Corals	Not Applicable	Poor	Not Applicable	Not Applicable

Coastal Resource	Date of Inventory	Status	Area (in hectares)	Dominant Species
		Fair	Not Applicable	Not Applicable
		Good	Not Applicable	Not Applicable
		Excellent	Not Applicable	Not Applicable
Seagrass	Not Applicable	Poor	Not Applicable	Not Applicable
		Fair	Not Applicable	Not Applicable
		Good	Not Applicable	Not Applicable
		Excellent	Not Applicable	Not Applicable

Source: DENR CENRO Bislig, SDS

5. Biodiversity Friendly Enterprise

Name of PO Assisted	Area	Coordinates (DMS)	Name of PA/ Other Conservation Areas	Name of Enterprise	Category of BDFE	Product of BDFE/ Enterprise	No. of members		BDFE Level	Year Established	Net Income	Financial Assistance
							Male	Female				
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

6. Ecotourism Sites Identified/Assessed/Developed

Name of Ecotourism Site	Other Name of Ecotourism Site	Area (in hectares)	Main Attraction	Facilities Available
Orange Farm Resort			Beach	Cottages, Rooms, CR
Barkong Bato Beach Resort			Beach	Cottages, Rooms, CR
Baisan Beach Resort			Beach	Cottages

Maribojoc Bonbon Sandbar			Sandbar	Floating Cottage
Maribojoc Banahaw Beach			Beach	Cottages
Garay Beach Resort			Beach	Cottages, Rooms, CR
Tony's Beach Barcelona			Beach	Cottages
Barcelona Floating Cottages			Floating Cottage	Cottages

B. Tenurial Instruments within Protected Areas

1. Protected Areas with Protected Area Community-Based Resource Management Agreement (PACBRMA)

Name of PA	Name of People's Org	Area Covered (in hectares)	Date Approved	Date of Expiration	Number of Families	Number of members		
						Male	Female	Total
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

Source: DENR CENRO Bislig, SDS

2. Protected Areas with Special Use Agreement in Protected Areas (SAPA)

Name of PA	Name of SAPA Holder	Nature of Development	Area Covered (in hectares)	Date Approved	Date of Expiration
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Source: DENR CENRO Bislig, SDS

TINUY-AN FALLS PROTECTED LANDSCAPE

1. Profile of Protected Area within the Region

General Information			
Location	Burboanan, Bislig City, SDS		
Category	Protected Landscape		
Ecosystem Type	Terrestrial		
Legal Basis (Proclamation Number)	RA 11038 ENIPAS Act of 2018		
Legal Status	Legislated		
Total Area (hectares)	4,321.75 hectares		
<i>Area by Management Zone</i>			
Multiple Use Zone Area (hectares)	Not Applicable		
Strict Protection Zone Area (hectares)	Not Applicable		
Buffer Zone Area (hectares)	Not Applicable		
<i>Area Distribution of Coastal Resources (in hectares)</i>			
Mangrove	Not Applicable		
Corals	Not Applicable		
Seagrass	Not Applicable		
<i>Income and Economic Activities</i>			
Integrated Protected Area Fund	Source of Income	Percentage of Income	Total Income (Php)

(IPAF) Collection and Disbursement Status	Not Applicable	Not Applicable	Not Applicable	
List of Major Economic Activities	Ecotourism			
Annual Income Generated (Php)	1,000,000.00 or more			
Protected Area Management				
Management Plan	Year Adopted	Implementation Period		
PA Management Plan	NONE	NONE		
Ecosystem Management Plan	NONE	NONE		
Cave Management Plan	NONE	NONE		
Wetland Management Plan	NONE	NONE		
Survey and Registration of Protected Area Occupants (SRPAO)	Year Completed	2019		
	No. of PA Occupants	Total	Male	Female
		1,859	984	875
Reforestation				
Area Planted	208 hectares			
Species Planted	Indigenous, Fruit Tree, Coffee & Bamboo Species			

2. Protected Areas with Protected Area Management Board (PAMB) - if applicable

Name of Organization	Number of PAMB Members		
	Male	Female	Total

Tinuy-an Falls Protected Landscape Protected Area Management Board	21	3	24
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3. Monitoring of PA Visitors

Type of Visitors	Male	Female	Total
Foreign	NONE	NONE	NONE
Local	NONE	NONE	NONE
Total	NONE	NONE	NONE

Source: DENR CENRO Cantilan, SDS

Category	Number of Visitors
Children <7 yrs old	NONE
Student	NONE
Adult	NONE
Senior Citizen	NONE
Persons with Disability	NONE

4. Inventory of Coastal Resources Condition

Coastal Resource	Date of Inventory	Status	Area (in hectares)	Dominant Species
Mangrove	Not Applicable	Poor	Not Applicable	Not Applicable
		Fair	Not Applicable	Not Applicable
		Good	Not Applicable	Not Applicable

Coastal Resource	Date of Inventory	Status	Area (in hectares)	Dominant Species
		Excellent	Not Applicable	Not Applicable
Corals	Not Applicable	Poor	Not Applicable	Not Applicable
		Fair	Not Applicable	Not Applicable
		Good	Not Applicable	Not Applicable
		Excellent	Not Applicable	Not Applicable
Seagrass	Not Applicable	Poor	Not Applicable	Not Applicable
		Fair	Not Applicable	Not Applicable
		Good	Not Applicable	Not Applicable
		Excellent	Not Applicable	Not Applicable

Source: DENR CENRO Bislig, SDS

5. Biodiversity Friendly Enterprise

Name of PO Assisted	Area	Coordinates (DMS)	Name of PA/ Other Conservation Areas	Name of Enterprise	Category of BDFE	Product of BDFE/ Enterprise	No. of members		BDFE Level	Year Established	Net Income	Financial Assistance
							Male	Female				
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

6. Ecotourism Sites Identified/Assessed/Developed

Name of Ecotourism Site	Other Name of Ecotourism Site	Area (in hectares)	Main Attraction	Facilities Available
Tinuy-an Falls			Waterfalls	Cottages, Rooms, CR

B. Tenurial Instruments within Protected Areas

1. Protected Areas with Protected Area Community-Based Resource Management Agreement (PACBRMA)

Name of PA	Name of People's Org	Area Covered (in hectares)	Date Approved	Date of Expiration	Number of Families	Number of members		
						Male	Female	Total
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

Source: DENR CENRO Bislig, SDS

2. Protected Areas with Special Use Agreement in Protected Areas (SAPA)

Name of PA	Name of SAPA Holder	Nature of Development	Area Covered (in hectares)	Date Approved	Date of Expiration
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Source: DENR CENRO Bislig, SDS

C. Coastal Resource Management Area Distribution of Coastal Resources

Province	Municipality	Coastal Resource	Area (in hectares)
District I	Tandag	Mangrove	65.13093254
		Corals	172.964547
		Seagrass/Seaweeds	252.677737
	Bayabas	Mangrove	161.0489803
		Corals	161.965098
		Seagrass/Seaweeds	101.0214607
	Cagwait	Mangrove	239.6564179
		Corals	1136.490084
		Seagrass/Seaweeds	563.242993
	Cortes	Mangrove	313.7264048
		Corals	1032.371343
		Seagrass/Seaweeds	1717.577688
	Tago	Mangrove	719.6996615
		Corals	4.254198
	Cantilan	Mangrove	513.6481325
		Corals	944.4851157
		Seagrass/Seaweeds	301.7338863

	Carmen	Mangrove	280.5157536
	Carrascal	Mangrove	390.8590101
		Corals	816.002861
		Seagrass/Seaweeds	1183.372598
	Lanuza	Corals	184.7313103
		Seagrass/Seaweeds	105.2357937
	Madrid	Mangrove	119.475031
	Lianga	Mangrove	818.1556832
		Corals	526.4983696
		Seagrass/Seaweeds	816.3770822
	Marihatag	Mangrove	186.1472904
		Corals	466.2506352
		Seagrass/Seaweeds	400.2984882
	San Agustin	Mangrove	696.1249346
		Corals	742.1697156
		Seagrass/Seaweeds	739.4349024
	Barobo	Mangrove	164.5776855
		Corals	1657.000636
		Seagrass/Seaweeds	1605.615433

District II	Bislig City	Mangrove	1,642
		Corals	41
		Seagrass/Seaweeds	452
	Hinatuan	Mangrove	2,342
		Corals	825
		Seagrass/Seaweeds	945
	Lingig	Mangrove	1,031
		Corals	647
		Seagrass/Seaweeds	1,542
SURIGAO DEL SUR		Mangrove	9,684
		Corals	9,358.183913
		Seagrass/Seaweeds	10,725.59

Source: NAMRIA

1. Inventory of Coral Reef

Province	Municipality	Date of Inventory	Area Assessed (in hectares)	Status (%)	Dominant Species	Types of Substrate (no.)	Condition		Year Assessed
							Quantitative Interpretation (%)	Qualitative Interpretation	
SDS	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

Source: All CENRO's of SDS

2. Inventory of Seagrass

Province	Municipality	Date of Inventory	Area (in hectares)	Dominant Species	Status
SDS	NONE	NONE	NONE	NONE	NONE

Source: All CENRO's of SDS

3. Mangrove Assessment

Province	Municipality	Assessed Area (in hectares)	Date of Assessment	Species Identified
Surigao del Sur	Hinatuan	49.44	May 16, 2022 - September 9, 2022	Bakauan-lalaki, Bakauan-babae, Pagatpat, Pototan, Tabigi, Saging-saging

Source: All CENRO's of SDS

4. Mangrove Area Rehabilitated

Province	Municipality	Rehabilitated Area (in hectares)	Date Established	Date Rehabilitated	Species Identified	Fund Source
SDS	NONE	NONE	NONE	NONE	NONE	NONE

5. Livelihood Projects Implemented in Coastal Areas

Province	Municipality	Livelihood Projects	Date Established	Beneficiaries			Fund Source
				Male	Female	Total	

SDS	NONE	NONE	NONE	NONE	NONE	NONE	NONE
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D. Biodiversity Conservation and Wildlife Management

1. Caves and inland Wetland

1.1. Inland wetland in the Region

Province	Municipality	Name of Wetland	Wetland Type	Wet Area (Dry Season) (in hectares)	Wet Area (Wet Season) (in hectares)	Assessed	Presence of Management Plan	Recognition	Remarks
Surigao del Sur	Carrascal	Nasipit	Swamp (mangrove area associated with Nipa)	N/A	N/A	No	None		
		Adlay	Swamp (Mangrove)	N/A	N/A	No	None		
		Kayawyawan	Swamp (Mangrove)	N/A	N/A	No	None		
		Doot Doyos	Swamp (mangrove area associated with Nipa)	N/A	N/A	No	None		
		Panikian	River	N/A	N/A	No	None		
	Cantilan	Magasang	Swamp (mangrove area associated with Nipa)	N/A	N/A	No	None		
		Sitio Tapa	Swamp (Mangrove area with Fishpond)	N/A	N/A	No	None		
		Danao	Lake (with Mangrove species, associated with Nipa and with installed fish cage)	N/A	N/A	No	None		
		Danao	Lake	N/A	N/A	No	None		
		Malinawa/Silop	Spring	N/A	N/A	No	None		

		Sipang-pang	Falls	N/A	N/A	Yes	None		
		Alamio	River	N/A	N/A	Yes	None		
		Anahawan	Creek	N/A	N/A	No	None		
		Maantoy	Creek	N/A	N/A	No	None		
		Sibatu	Creek	N/A	N/A	No	None		
	Madrid	Carac-an	River	N/A	N/A	No	None		
		Danao	Pond	N/A	N/A	No	None		
	Carmen	Lubog lubog/ Kabakhawan	Swamp (Mangrove associated with Nipa)	N/A	N/A	No	None		
		Hubason	River	N/A	N/A	No	None		
		Kamonohan	Creek	N/A	N/A	No	None		
	Lanuza	Bunga	Swamp Mangrove associated with Nipa)	N/A	N/A	No	None		
		Sitio Ipil	Swamp (Mangrove and Nipa)	N/A	N/A	No	None		
		Daniog	River	N/A	N/A	No	None		
		Silop	Spring	N/A	N/A	No	None		
		Habag	Tidal flats Beach	N/A	N/A	No	None		
		Magkawas	Falls	N/A	N/A	No	None		
	Cortes	Laswitan	Rocky shores	N/A	N/A	No	None		
		Tigao	Swamp (Mangrove area associated with Nipa)	N/A	N/A	No	None		

	Burgos	Swamp (Mangrove area associated with Nipa)	N/A	N/A	No	None		
	Mabahin	Swamp (Mangrove area associated with Nipa)	N/A	N/A	No	None		
	Tag-anongan	Swamp (Mangrove area) Tidal flats	N/A	N/A	No	None		
	Lubcon	Falls	N/A	N/A	No	None		
Tandag City	Dawis Tandag River	River	N/A	N/A	No	None		
	Monong	Swamp (mangrove area associated with Nipa)	N/A	N/A	No	None		
	Mabua	Tidal flats; Beach	N/A	N/A	No	None		
Madrid and Carmen	Buyaan	River	N/A	N/A	Yes	None		
Barobo	Camp Bagang Creek	Creek	N/A	N/A	No	None		
	Bogac Coldspring	Spring	N/A	N/A	No	None		
	Beto Coldspring (1)	Spring	N/A	N/A	No	None		
	Beto Coldspring (2)	Spring	N/A	N/A	No	None		
	Pamutuanan Cave Spring	Spring	N/A	N/A	No	None		Only the cave was assessed
Bayabas	Sumo-sumo River	River	N/A	N/A	No	None		
	Cagbato River	River	N/A	N/A	No	None		
	Cagbaoto River	River	N/A	N/A	No	None		

	Taghaniba River	River	N/A	N/A	No	None		
Cagwait	Tubo-tubo River	River	N/A	N/A	No	None		
	Unidad River	River	N/A	N/A	No	None		
	Tagbalidbid River	River	N/A	N/A	No	None		
Liangá	Anibongan Creek	Creek	N/A	N/A	No	None		
	Payasan Creek	Creek	N/A	N/A	No	None		
	Manyayay River	River	N/A	N/A	No	None		
	Tabon-tabon River	River	N/A	N/A	No	None		
	Diatagon River	River	N/A	N/A	No	None		
	Andanan River	River	N/A	N/A	No	None		
	Bao-bao Falls	Falls	N/A	0.367	Yes	None		
Marihatag	Marihatag River	River	N/A	N/A	No	None		
	Hinogbakan River	River	N/A	N/A	No	None		
	Masikre River	River	N/A	N/A	No	None		
	Oyao River	River	N/A	N/A	No	None		
	Cawilan River	River	N/A	N/A	No	None		
	Amontay River	River	N/A	N/A	No	None		
San Agustin	Toril River	River	N/A	N/A	No	None		
	Sto. Niño River	River	N/A	N/A	No	None		

		Bihawan River	River	N/A	N/A	No	None		
		Hubo River	River	N/A	20,922	Yes	None		Watershed Char. and VA (2019)
		Buhisan River	River	N/A	N/A	No	None		
		Buatong River	River	N/A	N/A	No	None		
		Matanda River	River	N/A	N/A	No	None		
		Gata River	River	N/A	N/A	No	None		
		Campanubay River	River	N/A	N/A	No	None		
	San Miguel	San Miguel Peatland	Peatland	N/A	Area 1=1,577 Area 2=113	Yes	Yes		With signed and notarized MOA
		Abaga River	River	N/A	N/A	No	None		
		Umalag River	River	N/A	N/A	No	None		
	Tago	Cagpangi River	River	N/A	N/A	No	None		
		Gacub River	River	N/A	N/A	No	None		
		Canag-as River	River	N/A	N/A	No	None		
		Gamut River	River	N/A	N/A	No	None		
		Pamugsukan River	River	N/A	N/A	No	None		
		Dayoan River	River	N/A	N/A	No	None		

	Batang River	River	N/A	N/A	No	None		
	Tabon-tabon River	River	N/A	N/A	No	None		
	Victoria River	River	N/A	N/A	No	None		
	Tago River	River	N/A	144,342	Yes	Yes		Mgt. Plan subject for updating (2014); Watershed Char. and VA (2020)
	Pocto River	River	N/A	N/A	No	None		
	Unidos River	River	N/A	N/A	No	None		
	Cagbaroyot River	River	N/A	N/A	No	None		
	Gilingan River	River	N/A	N/A	No	None		

1.2. Classified Caves in the Region

Province	Municipality	Barangay	Name of Cave	Other Cave Name (if any)	Classification per DMC	DMC No.	Presence of Management Plan	Remarks
Surigao del Sur	Hinatuan	Portlamon	Ponta Portlamaon		I		No	
	Cantilan	Cabas-an	Tiangan Cave					Waiting for DMC
		Cabas-an	Hanginan Cave					Waiting for DMC
		Cabas-an	Pinagbayoy Cave					Waiting for DMC
	Carrascal	Panikian	Maslog Cave					Waiting for DMC

		Panikian	Agas-as Cave					Waiting for DMC
		Panikian	Sipangpang Cave					Waiting for DMC
		Panikian	Igat Cave					Waiting for DMC
		Panikian	Dinayugan Cave					Waiting for DMC
	Madrid	Bayogo	Laksohon Cave 1					Waiting for DMC
	Lanuza	Gamuton	Campamento Cave 1		Class II	2014-04	YES	
		Nurcia	Nurcia Cave		Class II	2018-02	YES	
	Cortes	Tuboran	Bakwitan Cave		Class II	2018-09	YES	
	San Miguel	Tina	Suyon Cave	Suhoyon Cave	Not yet listed in DMC	None	Yes	II
		Tina	Kandingon Cave 1	None	II	DMC 2012-03	No	
		Tina	Kandingon Cave 2	None	I	DMC 2012-04	No	
		Tina	Kabayan Cave 1	None	III	DMC 2012-05	No	
		Tina	Magdawat Cave 1	None	II	DMC 2012-06	No	
	Lianga	Manyayay	Joyful Cave	Pocto Cave	II	DMC No. 2015-08	Yes	II
		San Isidro	Puting-Bato Cave		Not yet listed in DMC	None	Yes	II
	Lianga-Barobo	Liatimco-Wakat	Pamutuanan-Wakat Cave	Pamutuanan Cave/ Wakat Cave	Not yet listed in DMC	None	No	Subject for further Geohazard Assessment

2. Critical Habitats

2.1. Identified/Assessed Critical Habitats

Name of Critical Habitat	Province	Municipality	Legal Instrument	Area (in hectares)	Threatened Species
Dahican Critical Habitat for Marine Turtles	Surigao del Sur	Carrascal			
- <i>Dahican Pawikan</i>				Core Zone - 0.1815 ha. Buffer Zone - 0.5239 ha.	<i>Chelonia mydas</i>
- <i>Kabakongan 1</i>				Core Zone - 1.2136 ha. Buffer Zone - 7.5074 ha.	<i>Chelonia mydas</i>
- <i>Kabakongan 2</i>				Core Zone - 0.4545 ha. Buffer Zone - 1.3393 ha.	<i>Chelonia mydas</i>
- <i>Kanduman</i>				Core Zone - 0.4207 ha. Buffer Zone - 1.7181 ha.	<i>Chelonia mydas</i>
- <i>Punta Tugas</i>				Core Zone - 4.0156 ha. Buffer Zone - 14.6910 ha.	<i>Chelonia mydas</i>

- <i>Tamyawas</i>				Core Zone - 0.6400 ha. Buffer Zone - 1.7886 ha.	<i>Chelonia mydas</i>
Doot Poktoy Critical Habitat for Marine Turtles		Lanuza	Municipal Ordinance No. 1, series of 2015	28 ha.	<i>Chelonia mydas, Eretmochelys imbricata, and Lepidochelys olivacea</i>
Sihagan Critical Habitat for Marine Turtles		Cortes	SB Resolution No. 102-2018 "A Resolution Expressing Full Support for the Establishment of Bonbon Island as Critical Habitat of Green Sea Turtle located at Brgy. Britania, San Agustin, Surigao del Sur"	Core Zone - 0.7 ha. Buffer zone - 2.1 ha.	<i>Chelonia mydas, Eretmochelys imbricata, and Lepidochelys olivacea</i>
Bonbon Island Critical Habitat for Green Sea Turtle		San Agustin	SB Resolution No. 281-2019 "A Resolution Endorsing the Lanipao Forest of Barangay San Roque, San Miguel, Surigao del Sur as the Critical Habitat for Large Flying Fox"	12.4607	Green Sea Turtle (<i>Chelonia mydas</i>)
San Roque Critical Habitat for Large Flying Fox		San Miguel	SB Resolution No. 270-2022 "A Resolution adopting Republic Act No. 9147, entitled: "An Act Providing for the Conservation and Protection of Wildlife Resources and their Habitats, and Appropriating Funds therefor and for Other Purposes""	39.37	Large Flying Fox (<i>Pteropus vampyrus</i>)

3. Wildlife Registration and Permits

3.1. Certificate of Wildlife Registration

Province	Number of CWR Issued	Revenue Generated
Surigao del Sur	1	150.00 – Inspection Fee (CENRO) 50.00 – Processing Fee (Regional Office)

3.2. Wildlife Import/Export/Re-Export Permit

Province	Municipality	Permit Type	Number of Permits Issued	Revenue Generated
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SDS	Not Applicable	Not Applicable	Not Applicable	Not Applicable
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3.3. CITES Import/Export/Re-export Permit

Taxonomic Group	Number of permits issued	Revenue Generated
Not Applicable	Not Applicable	Not Applicable

3.4. Wildlife Local Transport Permit by Taxonomic Group

Province	Municipality	Taxonomic Group	Quantity	Unit of Measurement
SDS	NONE	NONE	NONE	NONE

- List of origin locations for wildlife transport permit
- List of destination locations for wildlife transport permit

3.5 Wildlife Local Transport Permit Issued by Purpose

Purpose	No. of Species
NONE	NONE

3.6. Wildlife Collector's Permit (WCP)

Province	Municipality	Taxa	Number of Permits Issued	Revenue Generated
SDS	NONE	NONE	NONE	NONE

3.7. Gratuitous Permit (GP)

Province	Municipality	Taxa	Quantity Collected	Number of Permits Issued	Revenue Generated
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SDS	NONE	NONE	NONE	NONE	NONE
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3.8. Wildlife Special Use Permit

Province	Municipality	Taxonomic Group	Number of Permits Issued	Revenue Generated
SDS	NONE	NONE	NONE	NONE

3.9. Special Local Transport Permit

Province	Municipality	Taxonomic Group	Quantity	Unit of Measurement
SDS	NONE	NONE	NONE	NONE

- List of origin locations for Special Local Transport Permit
- List of destination locations for Special Local Transport Permit

Purpose	No. of Species
NONE	NONE

3.10 Wildlife Farm Permit

Province	Number of Permits Issued	Revenue Generated
SDS	NONE	NONE

3.11 Wildlife Culture Permit

Province	Number of Permits Issued	Revenue Generated
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SDS	NONE	NONE
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3.12 Clearance to Operate (for zoological parks and botanical gardens)

Province	Number of CTO Issued	Revenue Generated
SDS	NONE	NONE

4. Flora and Fauna

4.1. Known Fauna Species by Taxonomic Group

Province	Taxonomic Group	No. of Species
SDS	NONE	NONE

4.2. Known Flora Species by Taxonomic Group

Province	Taxonomic Group	No. of Species
SDS	NONE	NONE

4.3. Endemic Fauna Species by Taxonomic Group

Province	Taxonomic Group	No. of Species
SDS	NONE	NONE

4.4. Endemic Flora Species by Taxonomic Group

Province	Taxonomic Group	No. of Species
SDS	NONE	NONE

4.7. Wild Flora Confiscation

Species		Quantity	Physical Condition	Action Taken
Common Name	Scientific Name			
NONE	NONE	NONE	NONE	NONE

4.8. Wild Fauna Confiscation

Species		Quantity	Physical Condition	Action Taken
Common Name	Scientific Name			
NONE	NONE	NONE	NONE	NONE

4.9. Wild Fauna Retrieval and Donation

Species		Quantity	Date	Mode of Acquisition	Donor (if applicable)	Physical Condition	Action Taken	Status
Common Name	Scientific Name							
Grass Owl	<i>Tyto longimembris</i>	1 pc	01-10-2022	Retrieved		Phisically in good condition	Conducted physical inspection	Released in the wild.
Monitor Lizard	<i>Varanus sp.</i>	1 pc	01-10-22	Retrieved		Phisically in good condition	Conducted physical inspection	Released in the wild.

Reticulated Python	<i>Malayopython reticulatus</i>	1 pc	02-09-22	Retrieved		Physically in good condition	Conducted physical inspection	Released in the wild.
Green Sea Turtle	<i>Chelonia mydas</i>	1 pc	03-29-2022	Retrieved		Physically in good condition	Conducted physical inspection	Released in Magosilom, Cantilan, SDS
Philippine Hanging Parrot	<i>Loriculus philippensi</i>	1 pc	03-29-2022	Retrieved		Physically in good condition	Conducted physical inspection	Released in the wild.
Philippine Serpent Eagle	<i>Spilornis holospilus</i>	1 pc	04-04-2022	Retrieved		Physically in good condition	Conducted physical inspection	Released in Brgy. San Pedro, Cantilan, SDS
Green Sea Turtle	<i>Chelonia mydas</i>	1 pc	04-27-2022	Retrieved		Physically in good condition	Conducted physical inspection	Released in the wild.
Reticulated Python	<i>Malayopython reticulatus</i>	1 pc	07-29-2022	Retrieved		The said wildlife was not in good condition and observed shedding of its skin.	Conducted physical inspection	Released in the wild.
Tarsier	<i>Tarsius syrichta</i>	1 pc	08-24-2022	Retrieved		Physically not in good condition	Conducted physical inspection	Released back on its habitat
Philippine Cobra	<i>Naja philippinensis</i>	1 head	10-14-2022	Retrieved		Physically not in good condition	Conducted physical inspection	Released back on its habitat

4.10. Wild Flora Retrieval and Donation

Species		Quantity	Date	Mode of Acquisition	Donor (if applicable)	Physical Condition	Action Taken	Status
Common Name	Scientific Name							
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

5. Wildlife Rescue and Retrieval

5.1. Inventory of Wildlife at DENR Established Wildlife Rescue Centers

Classification	No. of Heads	Mode of Acquisition			Mortality	Mode of Disposition			
		No. of Heads Confiscated	No. of Heads Donated / Turned over	No. of Heads Rescued/ Retrieved		No. of Heads Donated	No. of Heads Loaned	No. of Heads Turned Over	No. of Heads Released
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

5.2. Population of Threatened Species

Name of PA/ Conservation Area	Province	Municipality	Threatened Species	Status	No. of Species
NONE	NONE	NONE	NONE	NONE	NONE

5.3. Marine Turtles Tagged and Released

Province	Municipality / City	Species	Date Encountered / Tagged	Tag No.	Tagging	Date Released	Remarks
Surigao del Sur	Magosilom, Cantilan	<i>Chelonia mydas</i>	03-29-2022	PH 2754A	Newly Tagged	03-29-2022	CCL 49cm and CCW 43cm
	San Pedro, Cantilan	<i>Chelonia mydas</i>	04-27-2022	PH 2764A	Newly Tagged	04-27-2022	CCL 46cm and CCW 44cm

5.4. Stranded Marine Turtle

Species	Number			
	Released	Mortality	Under Rehabilitation	Total

NONE	NONE	NONE	NONE	NONE
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5.5. Marine Turtle Nest and Hatchlings

Province	Municipality / City	Date Discovered	Date emerged	Species	Number of hatchlings released
SDS	NONE	NONE	NONE	NONE	NONE

5.6. Marine Turtle Nesting Sites

Province	Municipality	Species	Year Reported	Type of Site	Status of Site
Surigao del Sur	Carrascal	<i>Chelonia mydas</i>	2018, only once hatchling nest recorded to date.	active nesting site	Proposed Critical Habitat
	Lanuza	<i>Chelonia mydas</i> , <i>Eretmochelys imbricata</i> , and <i>Lepidochelys olivacea</i>	2014, per information from LGU	active nesting site	Proposed Critical Habitat
	Cortes	<i>Chelonia mydas</i> , <i>Eretmochelys imbricata</i> , and <i>Lepidochelys olivacea</i>	2020	active nesting site	Proposed Critical Habitat
	San Agustin	Green Sea Turtle (<i>Chelonia mydas</i>)	2018	Nesting Site	Waiting for further declaration

5.7. Asian Waterbird Census

Province	Municipality	Name of Wetland	Area (in hectares)	Date Conducted	Species Observed	Count per Species
SDS	NONE	NONE	NONE	NONE	NONE	NONE

ENR Statistical Profile
Forestry Sector

A. Forest Resources

1. Land Classification (Area in hectares)

Province	Total Land Area	Certified A&D	Forestland								
			Total Forestland	Unclassified Forestland	Classified Forestland						
					Total Classified Forest Land	Mineral Reserves	Established Timberland	National Parks and GRBS/WA	Military and Naval Reservations	Civil Registration	Fishpond
Bislig	42,264	18,985	22,838				441				
Tagbina	40,998	23,170	17,828								
Hinatuan	31,523	20,035	11,488								
Lingig	47,934	12,567	35,367								
Cantilan	16,851	7,014	8,938			899					
Carmen	15,919	2,909	13,010								
Carrascal	28,592	4,495	9,421			14,676					
Cortes	12,963	4,663	8,300								
Lanuza	24,209	3,271	20,938								
Madrid	18,990	6,575	12,415								
Tandag	23,593	5,902	17,691								
Lianga	24,027	3,357	20,670								
San Agustin	24,385	4,191	20,194								
Marihatag	32,689	6,373	26,316								
Cagwait	16,518	4,037	12,481								
Bayabas	3,366	1,872	1,494								
Tago	28,435	11,081	17,354								
San Miguel	57,938	16,767	41,171								
Barobo	22,576	11,280	11,296								
Surigao del Sur	513,770	168,544	329,210	0	0	15,575	0	441	0	0	

Source: NAMRIA

2. Land Cover (Area in hectare)

Region/ Province	Total Land Cover Area	Forest Cover				Other Land Cover									
		Total Forest Cover	Closed Forest	Open Forest	Mangrov e Forest	Total Other Land Cover	Brush/ Shrubs	Grass land	Annual Crop	Perennial Crop	Open/ Barren Land	Built- up Area	Fishpond	Marshland / Swamp	Inland Water
Bislig	42,264	7,991		6,407	1,584	34,273	15,911	856	1,881	13,766		1,146	259		454
Tagbina	40,998	5,111	592	4,519		35,887	5,365	711	1,364	27,551	9	836			51
Hinatuan	31,523	3,394		1,257	2,137	28,129	6,546	630	860	18,506	6	643	567		371
Lingig	47,934	13,576		12,565	1,011	34,358	18,163	1,160	351	13,603	22	593	194		272
Cantilan	16,851	9,537	5,403	3,627	508	7,314	598	93	2,792	2,753	254	301	135		390
Carmen	15,919	11,868	3,486	8,105	277	4,051	1,349	216	1,102	1,109	2	114	29		130
Carrascal	28,592	18,642	5,038	13,214	391	9,950	4,623	923	708	1,293	1,695	387	8		312
Cortes	12,963	6,255	437	5,505	314	6,708	387	25	371	5,682	4	218	16		4
Lanuza	24,209	20,102	4,330	15,772		4,107	1,784	82	28	1,921	4	110			177
Madrid	18,990	11,724	8,000	3,596	128	7,266	429	98	2,301	3,639	150	210			440
Tandag	23,593	12,769	5,008	7,696	65	10,824	1,834	165	1,061	6,991	7	538	25		204
Liangá	24,027	9,424	727	7,956	741	14,603	5,751	295	502	7,549	3	396	35		72
San Agustin	24,385	17,762	6,057	11,097	608	6,623	1,545	159	879	3,708	3	218	3		108
Marihatag	32,689	22,948	8,474	14,301	173	9,741	1,639	115	1,159	6,458	0	191	0		179
Cagwait	16,518	7,538	1,512	5,840	186	8,980	1,504	76	757	6,332	2	194	43		72
Bayabas	3,366	169			169	3,197		1	579	2,466		58	67		26
Tago	28,435	13,403	2,961	9,741	701	15,032	1,420	183	6,098	6,177	12	411			731
San Miguel	57,938	34,175	7,950	26,225		23,763	6,877	508	9,415	5,683	122	476			682
Barobo	22,576	2,092	343	1,607	142	20,484	3,321	445	874	15,156	35	620	3		30
SURIGAO DEL SUR	513,770	228,480	60,319	159,028	9,133	285,290	79,046	6,741	33,083	150,343	2,331	7,660	1,384	0	4,704

Source: NAMRIA

3. Production and Protection Forest (Area in hectare)

Province	Total Area	Production Forest	Protection Forest
Bislig	23,279	19,289	3,990
Tagbina	17,828	16,343	1,485
Hinatuan	11,488	11,064	424
Lingig	35,367	35,198	169
Cantilan	9837	451	9386
Carmen	13010	10637	2373
Carrascal	24097	6069	18028
Cortes	8300	6365	1935
Lanuza	20938	17728	3210
Madrid	12415	3195	9220
Tandag	17691	16098	1593
Liangá	1494	1494	
San Agustin	12481	10034	2447
Marihatag	20670	20601	69
Cagwait	26316	23217	3099
Bayabas	20194	19823	371
Tago	41171	35855	5316
San Miguel	17354	16987	367
Barobo	11296	11122	174
Surigao del Sur	345,226	314,339	30,887

Source: NAMRIA

4. Proclaimed Watershed Forest Reserve (Area in hectare)

Province	Name of Watershed Reservation	Location	Area	Presidential Proclamation No.	Proclamation Date (mm/dd/yyyy)
	Alamio	Brgy. Panikian (Upstream), Brgy. Cabas-an (Midstream), Brgy. Tigabong (Downstream)	5,085	PP 1747	March 23, 2009
	Buyaan	Brgy. Hinapoyan (Upstream), Brgy. Bayogo (Midstream), Brgy. San Vicente (Downstream)	6,620	PP 1747	March 23, 2009
	Carac-an	Brgy. Lobo (Upstream), Brgy. Cabangahan (Midstream), Brgy. San Juan (Downstream)	23,570	PP 1747	March 23, 2009
	Panikian		7,045	PP 1747	
	Sipangpang	Sipangpang, Cabangahan	1,218	PP 1747	March 23, 2009
	Adlay		27	PP 291	
	Ihawan		784	DA 20070-14	
Surigao del Sur	Total Count - 7		44,349		

Source: FMB, Philippine Forestry Statistics, (Year Published)

5. Priority Critical Watershed Supporting National Irrigation System

Province	Name of Watershed	Previous Name of Watershed	Area (in hectares)	Classification (small, medium, large)	Municipalities
	Bislig Watershed		44,529.00	Medium	Bislig City, Lingig and Tagbina all of SDS
	Carac-an Watershed	Carac-an River Watershed	43,118.00	Medium	Carrascal, Cantilan, Madrid, Carmen, Lanuza all of SDS and Santiago, Jabonga, Cabadbaran all of Agusan del Norte
	Tago River Watershed		144,341.94	Large	Bayabas, Bayugan, Cabadbaran, Cagwait, Carmen, Lanuza, Madrid, Marihatag, Prosperidad, San Agustin, San Miguel, Sibagat, Tago
	Ihawan Spring Watershed		784	Small	Tandag City, Surigao del Sur
Surigao del Sur	4 Watersheds		231,988.94		

Source: FMB, Philippine Forestry Statistics, (Year Published)

B. Tenorial Instruments

1. Existing Community-Based Forest Management Agreement (as of Year)

Province/City/ Municipality	Name of People's Organization	Area (in hectares)	No. Beneficiaries			With CARP
			Total Beneficiaries (no.)	Male (no.)	Female (no.)	(Yes/No)
Hinatuan	Active Native Develop and Unite for Human and Aquamarine Wealth (ANDUHAW) Inc.	410	122	38	84	Yes
	Barangay Unite for Development of Aquamarine Sustainability (BUDAS) Ins.	555	92	59	33	Yes
Bislig City	Burboanan Multi-Purpose Farmers Association (BMFA) formerly Association of Forest and Rubber Tree Growers In Burboanan (AFORTGIB)	76	17	11	6	Yes
	Labisma Tree Development Producers Cooperative (LTDPC)	180	50	28	22	Yes
Lingig	Federation of Community Resource Development Cooperative (FEDCOMM)	5,702.50	440	349	91	No
Tandag City	Quezon Upland Farmers	133.94	40	19	21	Yes
	Buenavista Agri Forest Association (BAFASS) formerly Buenavista Forest Development Cooperative (BUFODECO)	891	32	23	9	Yes
Cortes	Matho Environmental management & Protection Cooperative (MEMPCO) formerly Matho Environmental Management protection Association Cooperative	891.25	72	37	35	Yes
	Manlico multipurpose Cooperative	30.36	21	9	12	Yes
	Mabahin Upland and Coastal Stakeholders Association (MUCOSA) formerly Mabahin Woodcraft Multipurpose Cooperative (MWMPC)	904.44	54	34	20	Yes
Lanuza	Cagmino-Bading Community Association, Inc. (CABCAI)	25	33	26	7	Yes
	Catupgas Tree Farmers Association (CTFA)	41	30	8	22	Yes
Cantilan	Cabas-an Tree Planters Association, INC (CTPAI)	58.35	23	14	9	Yes
	Cabas-an People Organization (CPO)	360	22	13	9	No
	Tiagpanalipod sa Kabukiran nan Buntalid (TIKABUN)	335	25	15	10	No
	Tigpanalipod sa katunggan nan Magasang	53	57	35	22	Yes
	Consuelo Fishermen Association (CONFISA)	15	30	8	22	Yes
	Asosasyon Sa Baybay Tigpanalipod Sa Kinaiyahan (ABTIK) formerly Lihok Alay sa Kauswagan nan Kinaiyahan nan Baybay (LAKKBAY)	12	27	18	9	Yes
Carmen	Cancavan Tree Planting Association (CTPA)	122	18	5	13	No

Province/City/ Municipality	Name of People's Organization	Area (in hectares)	No. Beneficiaries			With CARP
			Total Beneficiaries (no.)	Male (no.)	Female (no.)	(Yes/No)
Carrascal	Babuyan Farmers Mountain Developers Core Group, Inc. (BAFAMDCGI)	2350	100	42	58	Yes
	Pantukan Farmers Association formerly Carrascal Wood Multi-Purpose Cooperative (CAWMUPCO)	4050	22	17	5	Yes
	Adlay ISF Farmers Multi-Purpose Cooperative (ADISFFAMCO)	1050	105	48	57	Yes
Tago	Cadlum Producers Cooperative (CPC) Formerly Cadlum Forest Developers Multipurpose Cooperative	70	37	11	26	Yes
San Miguel	Magroyong Farmers Multipurpose Cooperative (MAFAMUCO)	10	15	4	11	Yes
	San Miguel Refo-Agri Multipurpose Cooperative (SMRAMPC)	33	33	24	9	Yes
Marihatag	Brgy. Amontay Fisherfolks & Mongroves Association	89.89	39	17	22	No
	Antipolo Fisherfolks and Mangrove Sustainable Association (AFMASA)	71.9	36	15	21	Yes
	Sustainable Women Action for Mangroves Preservation and Protection Cooperative	82	39	13	26	Yes
	Sta.Cruz Mangrove & Fisherfolk Association (SMAFA)	58.91	43	18	25	Yes
San Agustin	Kahiusahang Panghinabuhian sa Katawhan sa Pongtod	50	38	27	11	Yes
	Brgy.Otienza Peoples Development Organization	60	0			No
	Org. of Fisher Folk of Gata (OFFOG)	154.41	49	17	32	Yes
	Britania Peoples Marketing Cooperative (formely Britania Peebles Coop. (BPC))	367	66	26	40	Yes
Liangá	San Pedro Tree Farmers Multipurpose Association (Formerly San Pedro Tree Farmers Multipurpose Coop).	17.35	0			No
	Liatemco Seaweeds Multipurpose Cooperative (LIASEMCO)	362.65	57	19	38	Yes
	Pacific Development Cooperative (PDC)	870	190	190		Yes
	NAKASAKI Dev't. Cooperative	198	49	15	34	Yes
Barobo	Tambis Tree Planters Ass'n., Inc. (TTPAI)	13.45	27	12	15	No
	Unidad gagmay Mangingisda Association (UGMA)	83.7	0			No
	Isla Maapod cabacungan Small Fish Association	74.64	66	24	42	No
	Anunang Gamut Fishermen Association	53.47	40	13	27	No
	Sua Small Fishermen Association	67.84	23	15	8	No
	Rizal Community-Based Resource Mgt. Peoples Org.	84.34	18	7	11	No
	Kinayan CBRM Peoples Organization	183.11	49	30	19	No

Province/City/ Municipality	Name of People's Organization	Area (in hectares)	No. Beneficiaries			With CARP
			Total Beneficiaries (no.)	Male (no.)	Female (no.)	(Yes/No)
Barobo	Dapdap Fishermen Association	212.54	65	41	24	No
	Talisay Small Fishermen Association	44.44	35	11	24	No
	Wakat Community Resource Management Peoples Org.	46.63	57	22	35	Yes
San Agustin / Lianga / Marihatag / San Miguel	SAMMILIA federation of Peoples Forest Development Cooperative	59,000	1,824	1,241	583	No
Surigao del Sur	Total Count - 48	80,605.11	4,327	2,668	1,659	

Source: All CENRO's of SDS, (2022)

2. Existing Community Forest Stewardship Agreement

Province/Municipality	Location	Area (in hectares)
SDS	NONE	NONE

Source: All CENRO's of SDS, (2022)

3. Existing Agroforestry Land Management Agreement

Province/ Municipality	Location	Area (in hectares)
SDS	NONE	NONE

Source: All CENRO's of SDS, (2022)

4. Integrated Social Forestry (ISF)

Province/ Municipality	Location	Area (in hectares)
Surigao del Sur		0.00

Source: All CENRO's of SDS, (2022)

5. Forestland Grazing Lease Agreement (FLGLA)

Province/ Municipality	Location	Area (in hectares)
SDS	NONE	NONE

Source: All CENRO's of SDS, (2022)

6. Forest Land Grazing Management Agreement (FLGMA)

Province/ Municipality	Location	Area (in hectares)
SDS	NONE	NONE

Source: All CENRO's of SDS, (2022)

7. Forest Land Management Agreement (FLMA)

Province/ Municipality	Location	Area (in hectares)
SDS	NONE	NONE

Source: All CENRO's of SDS, (2022)

8. Forest Land Use Agreement (FLAg)

Province/ Municipality	Location	Area (in hectares)
SDS	NONE	NONE

Source: All CENRO's of SDS, (2022)

8. Forest Land Use Agreement for Tourism Purposes (FLAgT)

Province/ Municipality	Location	Area (in hectares)
Surigao del Sur		0.00

Source:Regional Office, Enhanced Forestry Information System, (Year)

9. Integrated Forest Mgt. Agreement (IFMA)

Region/Province/ Municipality	Location	Area (in hectares)
Aras-asan Timber Corp.	Cagwait, SDS	1600
Mejore Woodworks, Inc.	San Miguel, Lanuza, Madrid, Carmen, Marihatag and San Agustin all of SDS	36,569
ARTIMCO, Inc.	Cagwait, Marihatag, Tandag, Tago and Bayabas all of SDS	11,032
Ventura	Madrid, Lanuza and Cortes all of SDS	7,363
SUDECOR	Madrid, Carmen, Lanuza, Cortes, Tandag, Tago and San Miguel all of SDS	75,671
SURIGAO DEL SUR		132,235

Source: All CENRO's of SDS, (2022)

10. Industrial Tree Plantation Lease Agreement (ITPLA)

Province/ Municipality	Location	Area (in hectares)
SDS	NONE	NONE

Source: All CENRO's of SDS, (2022)

11. Gratuitous Permit for the Special Uses of Forest Lands (GSUP)

Province/ Municipality	Location	Area (in hectares)
Surigao del Sur	Sua, Barobo	3,000

Source: All CENRO's of SDS, (2022)

12. Socialized Industrial Forest Mgt. Agreement (SIFMA)

Province/ Municipality	Location	Area (in hectares)
SDS	NONE	NONE

Source: All CENRO's of SDS, (2022)

13. Special Land Use Permit (SLUP)

Province/ Municipality	Location	Area (in hectares)
Bureau of Jail Management and Penology	Poblacion, Lianga, SDS	0.554
PLDT, Inc.-Smart Communications, Inc.	Bigaan, Hinatuan SDS	0.0128
LGU-Cantilan	Cantilan, SDS	5.28
Dept. of Public Works and Highways	Poblacion, Lianga, SDS	1.06
Surigao del Sur		6.9068

Source: All CENRO's of SDS, (2022)

14. Private Forest Development Agreement

Province/ Municipality	Location	Area (in hectares)
SDS	NONE	NONE

Source: All CENRO's of SDS, (2022)

15. Tree Farm Lease Agreement

Province/ Municipality	Location	Area (in hectares)
SDS	NONE	NONE

Source: All CENRO's of SDS, (2022)

16. Tree Farm Management Agreement

Province/ Municipality	Location	Area (in hectares)
SDS	NONE	NONE

Source: All CENRO's of SDS, (2022)

C. Permits Issued

1. Registered Lumber Dealers

Province/Municipality	Location	Number of Lumber Dealers	Lumber Production (cu.m)
Surigao del Sur	Cagwait	1	432.21
	Cagwait	1	832.59
	Barobo	1	310.62
	Lianga	1	358.15
	San Agustin	1	337.935
TOTAL	5	5	2,271.505

Source: All CENRO's of SDS, (2022)

2. Certificate of Registration as Importer/Dealer of Imported Wood Products

Province	Location	Number of Importers of Wood Materials	Volume of Wood Material Imported (cu.m)	Type of Wood Materials	Country of Origin
SDS	NONE	NONE	NONE	NONE	NONE

Source: All CENRO's of SDS

3. Issued Chainsaw Registration

Province/ Municipality	Area of Operation	Number of Chainsaw Operator
Bislig City	Mangagoy, Bislig City, SDS	1
	San Jose, Bislig City, SDS	1
Hinatuan	Lacasa, Hinatuan, SDS	1
Tagbina	Santa Maria, Tagbina, SDS	1
Carrascal	Sitio Gango, Bon-ot, Carrascal, SDS	1
	Barangay Babuyan, Carrascal, SDS	1
	Barangay Adlay, Carrascal, SDS	2
Cantilan	Barangay Magasang, Cantilan, SDS	1
	Barangay Cabangahan, Cantilan, SDS	1
Lanuza	Barangay Agsam, Lanuza, SDS	14
	Barangay Mampi, Lanuza, SDS	14
	Barangay Habag, Lanuza, SDS	1
Barobo	Barangay, Gamut, Barobo, SDS	1
	Barangay Poblacion, Barobo, SDS	1
Bayabas	Barangay La Paz, Baybas, SDS	1
Tago	Barangay Bajao, Tago, SDS	1
San Agustin	Barangay Kauswagan, San Agustin, SDS	2

San Miguel	Barangay Libas Gua, San Miguel, SDS	1
Cagwait	Barangay Aras-asan, Cagwait, SDS	1
SURIGAO DEL SUR		47

Source: All CENRO's of SDS

4. Registered Wood Processing Plant

Location	Type of Wood Processing Plant	Number	Daily Rated Capacity (DRC) (cu.m)	Annual Wood Requirement (AWR)
SDS	NONE	NONE	NONE	NONE

Source: All CENRO's of SDS

D. Forest Land Use Plan

1. Forest Land Use Plan (FLUP) of LGUs

Province/City/Municipality	Year		Total Forestland (in hectares)	Open Access Area (in hectares)	Area under Appropriate Management Arrangement or Tenure (in hectares)
	FLUP Formulated (YYYY)	FLUP Adopted (YYYY)			
Bislig City	2015	June 23, 2015	25,590		
Lingig	2018	November 19, 2019	35,342		
Tagbina	2016	April 25, 2016	20,735		
Hinatuan	2014	June 24, 2014	42,357		
Carmen	2013	February 25, 2013	16,856	17	16,839
Cortes	2013	April 8, 2013	8,466		

Lanuza	2013	April 16, 2013	33,562		
Madrid	2017	November 6, 2017	12,415	39.49	12,376
Tandag City	2018	November 19, 2018	16,856	2,261	
Cantilan	2018	November 19, 2018	16,856	17	16,839
Bayabas			9,579		
Cagwait	2013	April 04, 2013	12,481		
Lianga	2016	November 08, 2016	21,987		
Marihatag			26,316		
San Agustin	2016	March 30, 2016	22,279		
San Miguel	2016	November 28, 2017	53,774		
Tago	2017	August 13, 2018	24,112		
Barobo	2016	October 04, 2016	15528.31		
SURIGAO DEL SUR			415,091	2,335	46,054

Source: All CENRO's of SDS

E. National Greening Program

1. Summary of DENR NGP Accomplishment CY 2011-2022¹

Year (YYYY)	Province	Within Protected Area (Yes/No)	Category of Protected Area (if Yes)	Target Area	Area Planted (in hectares)	% Accomplished	Commodity	Species
2011	Surigao del Sur			1,400.97	1,408.00	100		
CENRO Bislig	Surigao del Sur	Yes	Tinuy-an Falls Protected Landscape (Legislated) 102 hectares belongs to PA out of the target area	358	358	100	Indigenous, Fruit Trees, Timber, Rubber, Coffee, Cacao	<i>Shorea contorta</i> , <i>Shorea polysperma</i> , <i>Calophyllum soulattri</i> , <i>Teijsmanniodendron ahernianum</i> , <i>Palaquium luzoniense</i> , <i>Spathodea campanulata</i> , <i>Pterospermum diversifolium</i> , <i>Syzigium huchinsonii</i> , <i>Casuarina equisetifolia</i> , <i>Pterocarpus indicus</i> , <i>Shorea palosapis</i> , <i>Dracontomelon dao</i> , <i>Diospyros blancoi</i> , <i>Annona muricata</i> , <i>Nephelium lappaceum</i> , <i>Sandoricum koetjape</i> , <i>Artocarpus heterophyllus</i> , <i>Durio zibethinus</i> , <i>Falcataria falcata</i> , <i>Hevea brasiliensis</i> , <i>Coffea arabica</i> , <i>Theobroma cacao</i>
CENRO Cantilan	Surigao del Sur	No	-	591.68	591.68	100	Indigenous, Theobroma cacao, Fruit Trees, Mangrove, Timber, Rubber	<i>Casuarina equisetifolia</i> , <i>Swietenia macrophylla</i> , <i>Shorea contorta</i> , <i>Xanthostemon verdugonianus</i> , <i>Gymnostoma sumatranum</i> , <i>Acacia mangium</i> , <i>Leptospermum amboinense</i> , <i>Theobroma cacao</i> , <i>Artocarpus odoratissimus</i> , <i>Artocarpus heterophyllus</i> , <i>Citrus maxima</i> , <i>Durio zibethinus</i> , <i>Nephelium lappaceum</i> , <i>Mangifera indica</i> , <i>Rhizophora apiculata</i> , <i>Paraserian falcataria</i> , <i>Hevea brasiliensis</i>
CENRO Lianga	Surigao del Sur	No	-	451.29	458.32	100	Indigenous, Fruit Trees, Timber, Mangrove, Rubber	<i>Swietenia macrophylla</i> , <i>Pterocarpus indicus</i> , <i>Shorea spp.</i> , <i>Shorea contorta</i> , <i>Durio zibethinus</i> , <i>Garcinia mangostana</i> , <i>Nephelium lappaceum</i> , <i>Lansium domesticum</i> , <i>Artocarpus heterophyllus</i> , <i>Falcataria moluccana</i> , <i>Rhizophora spp.</i> , <i>Rhizophora apiculata</i> , <i>Rhizophora mucronata</i> , <i>Hevea brasiliensis</i>
2012	Surigao del Sur			3,934.81	3,934.80	100		

¹ Historical Data

CENRO Bislig	Surigao del Sur	No	-	1,412.00	1,412.00	100	Indigenous, Fruit Trees, Coffee, Cacao, Timber	<i>Shorea palosapis, Shorea contorta, Syzgium huchinsonii, Swietenia macrophylla, Durio zibethinus, Nephelium lappaceum, Persea americana, Mangifera indica, Syzygium aqueum, Artocarpus odoratissimus, Artocarpus camansi, Artocarpus heterophyllus, Citrus micrantha, Sandoricum koetjape, Annona muricata, Durio zibethinus, Coffea arabica, Theobroma cacao, Falcataria falcata, Rhizophora apiculata, Rhizophora mucronata</i>
CENRO Cantilan	Surigao del Sur	No	-	1,384.74	1,384.73	100	Indigenous, Fruit Trees, Coffee, Theobroma cacao, Bamboo, Timber, Mangrove, Rubber	<i>Casuarina equisetifolia, Calophyllum bloncoi, Swietenia macrophylla, Xanthostemon verdugonianus, Acacia mangium, Artocarpus heterophyllus, Pterocarpus indicus, Shorea contorta, Annona muricata, Artocarpus odoratissimus, Mangifera indica, Coffee Canephora, Nephelium lappaceum, Sandoricum koetjape, Theobroma Theobroma cacao, Dendrocalamus giganteus, Paraserian falcata, Rhizophora apiculata, Hevea brasiliensis</i>
CENRO Lianga	Surigao del Sur	No	-	1,138.07	1,138.07	100	Indigenous, Coffee, Theobroma cacao, Fruit Trees, Timber, Mangrove	<i>Swietenia macrophylla, Pterocarpus indicus, Shorea spp., Cananga odorata, Terminalia foetidissima, Syzygium brevistylum, Coffea arabica, Theobroma Theobroma cacao, Annona muricata, Garcinia mangostana, Artocarpus heterophyllus, Durio zibethinus, Psidium guajava, Lansium domesticum, Sandoricum koetjape, Artocarpus odoratissimus, Nephelium lappaceum, Falcataria moluccana, Rhizophora apiculata, Rhizophora mucronata</i>
2013	Surigao del Sur			1,506.00	1,506.00	100		
CENRO Bislig	Surigao del Sur	Yes	Tinuy-an Falls Protected Landscape (Legislated) 108 hectares belongs to PA out of the target area	474	474	100	Indigenous, Fruit Trees, Timber, Mangrove	<i>Bischofia javanica, Shorea palosapis, Pterocarpus indicus, Securinega flexuosa, Shorea polysperma, Pterocarpus indicus, Shorea contorta, Ficus basidcallosa, Calophyllum inophyllum, Eucalyptus deglupta, Syzgium huchinsonii, Syzygium brevistylum, Durio zibethinus, Sandoricum koetjape, Falcataria falcata, Rhizophora apiculata, Rhizophora mucronata</i>
CENRO Cantilan	Surigao del Sur	No	-	258	258	100	Indigenous, Theobroma cacao, Timber, Rubber	<i>Xanthostemon verdugonianus, Shorea contorta, Pterocarpus indicus, Teijsmanniodendron ahernianum, Parashorea malaanonan, Syzyguim brevistylum, Shorea</i>

								<i>negrosensis, Shorea palosapis, Syzigium huchinsonii, Lithocarpus sulithi, Leptospermum amboinense, Theobroma Theobroma cacao, Paraserian falcataria, Hevea brasiliensis</i>
CENRO Lianga	Surigao del Sur	No	-	774	774	100	Indigenous, Coffee, Timber, Rubber	<i>Shorea spp., Pterocarpus indicus, Coffea arabica, Falcataria moluccana, Hevea brasiliensis</i>
2014	Surigao del Sur			1,252.00	1,252.00	100		
CENRO Bislig	Surigao del Sur	Yes	Initial component (BARBOLAVA PLAS) 33 hectares belongs to PA out of the target area	415	415	100	Mangrove, Timber, Rubber	<i>Rhizophora apiculata, Rhizophora mucronata, Falcataria falcata, Hevea brasiliensis</i>
CENRO Cantilan	Surigao del Sur	No	-	433	433	100	Indigenous, Theobroma cacao, Timber	<i>Acacia mangium, Swietenia macrophylla, Theobroma Theobroma cacao, Paraserian falcataria</i>
CENRO Lianga	Surigao del Sur	No	-	404	404	100	Theobroma cacao, Timber, Mangrove, Rubber	<i>Theobroma Theobroma cacao, Falcataria moluccana, Rhizophora apiculata, Rhizophora mucronata, Hevea brasiliensis</i>
2015	Surigao del Sur			6,459.00	6,459.00	100		
CENRO Bislig	Surigao del Sur	No	-	2,718.00	2,718.00	100	Cacao, Coffee, Timber, Mangrove, Rubber	<i>Theobroma cacao, Coffea arabica, Falcataria falcata, Rhizophora apiculata, Rhizophora mucronata, Hevea brasiliensis</i>
CENRO Cantilan	Surigao del Sur	No	-	1,401.00	1,401.00	100	Fruit Trees, Theobroma cacao, Coffee, Bamboo, Timber, Mangrove, Rubber	<i>Lansium domesticum, Nephelium lappaceum, Durio zibethinus, Theobroma Theobroma cacao, Coffee canephora, Dendrocalamus giganteus, Paraserian falcataria, Rhizophora apiculata, Hevea brasiliensis</i>
CENRO Lianga	Surigao del Sur	No	-	2,340.00	2,340.00	100	Indigenous, Theobroma cacao, Mangrove, Timber, Rubber, Bamboo	<i>Pterocarpus indicus, Shorea spp., Theobroma Theobroma cacao, Rhizophora sp., Rhizophora apiculata, Rhizophora mucronata Avicenia sp., Nypa fruticans, Falcataria moluccana, Hevea brasiliensis, Dendrocalamus gignateus</i>
2016	Surigao del Sur			7,430.00	7,430.00	100		

CENRO Bislig	Surigao del Sur	No	-	690	690	100	Indigenous, Fruit Trees, Timber	<i>Swietenia macrophylla, Lansium domesticum, Durio zibethinus, Nephelium lappaceum, Falcataria falcata</i>
CENRO Cantilan	Surigao del Sur	No	-	3,103.00	3,103.00	100	Timber	<i>Paraserian falcataria</i>
CENRO Lianga	Surigao del Sur	No	-	3,637.00	3,637.00	100	Theobroma cacao, Timber	<i>Theobroma cacao, Falcataria moluccana</i>
2017	Surigao del Sur			5,036.00	5,036.00	100		
CENRO Bislig	Surigao del Sur	Yes	Initial component (BARBOLAVA PLAS) 104 hectares belongs to PA out of the target area	829	829	100	Agroforestry, Fruit Trees, Cacao, Coffee, Timber, Mangrove, Rubber	<i>Gliricidia sepium, Durio zibethinus, Theobroma cacao, Coffea arabica, Falcataria falcata, Rhizophora apiculata, Rhizophora mucronata, Hevea brasiliensis</i>
CENRO Cantilan	Surigao del Sur	Yes	Critical Watershed Forest Reserves	3,119.00	3,119.00	100	Agroforestry, Indigenous, Fruit Trees, Theobroma cacao, Timber, Mangrove, Bamboo	<i>Shorea palosapis, Shorea contorta, Gliricidia sepium, Persea gratissima, Durio zibethinus, Artocarpus heterophyllus, Theobroma Theobroma cacao, Paraserian falcataria, Rhizophora apiculata, Dendrocalamus giganteus</i>
CENRO Lianga	Surigao del Sur	No	-	1,088.00	1,088.00	100	Indigenous, Fruit Trees, Coffee, Theobroma cacao, Mangrove, Timber, Bamboo	<i>Eucalyptus deglupta, Casuarina equisetifolia, Artocarpus heterophyllus, Coffea arabica, Theobroma Theobroma cacao, Rhizophora apiculata, Rhizophora mucronata, Falcataria moluccana, Dendrocalamus gignateus</i>
2018	Surigao del Sur	No	-	4,262.89	4,262.89	100		
CENRO Bislig	Surigao del Sur	Yes	Initial component (BARBOLAVA PLAS) 160.89 hectares belongs to PA out of the target area	1,384.89	1,384.89	100	Timber, Mangrove	<i>Falcataria falcata, Rhizophora apiculata, Rhizophora mucronata</i>
CENRO Cantilan	Surigao del Sur	Yes	Critical Watershed Forest Reserves	1,603.00	1,603.00	100	Fruit Trees, Timber	<i>Nephelium lappaceum, Lansium domesticum, Durio zibethinus, Garcinia mangostana, Artocarpus odoratissimus, Paraserian falcataria</i>
CENRO Lianga	Surigao del Sur	No	-	1,275.00	1,275.00	100	Indigenous, Timber	<i>Indigenous sp., Falcataria moluccana</i>

2019	Surigao del Sur	No	-	1,487.00	1,487.00	100		
CENRO Bislig	Surigao del Sur	No	-	439	439	100	Indigenous, Coffee, Timber, Mangrove	<i>Syzygium brevistylum, Calophyllum soulattri, Coffea arabica, Falcataria falcata, Rhizophora apiculata, Rhizophora mucronata</i>
CENRO Cantilan	Surigao del Sur	Yes	Critical Watershed Forest Reserves	631	631	100	Indigenous, Fruit Trees, Timber	<i>Pterocarpus inicus, Shorea contorta, Shorea negrosensis Durio zibethinus, Mangifera indica, Lansium domesticum, Nephelium lappaceum, Artocarpus heterophyllum, Paraserian falcataria</i>
CENRO Lianga	Surigao del Sur	No	-	417	417	100	Fruit Trees, Timber	<i>Lansium domesticum, Garcinia mangostana, Citrus grandis, Nephelium lappaceum, Durio zibethinus, citrus microcarpa Falcataria moluccana</i>
2020	Surigao del Sur	No	-	2,106.00	2,106.00	100		
CENRO Bislig	Surigao del Sur	No	-	738	738	100	Indigenous, Coffee, Timber, Mangrove	<i>Pterocarpus indicus, Coffea arabica, Falcataria falcata, Rhizophora apiculata, Rhizophora mucronata</i>
CENRO Cantilan	Surigao del Sur	Yes	Critical Watershed Forest Reserves	839	839	100	Indigenous, Fruit Trees, Theobroma cacao, Timber	<i>Pterocarpus indicus, Xanthostemon verdugonianus, Mangifera indica, Nephelium lappaceum, Artocarpus odoratissimus, Lansium domesticum, Durio zibethinus, Garcinia mangostana, Theobroma Theobroma cacao, Paraserian falcataria</i>
CENRO Lianga	Surigao del Sur	No	-	529	529	100	Theobroma cacao, Timber, Mangrove, Rubber	<i>Theobroma Theobroma cacao, Falcataria moluccana, Rhizophora apiculata, Rhizophora mucronata, Hevea brasiliensis</i>
2021	Surigao del Sur	No	-	2,452.00	2,452.00	100		
CENRO Bislig	Surigao del Sur		-	614	614	100	Indigenous, Coffee, Timber, Mangrove	<i>Pterocarpus indicus, Coffea arabica, Falcataria falcata, Rhizophora apiculata, Rhizophora mucronata</i>
CENRO Cantilan	Surigao del Sur	Yes	Critical Watershed Forest Reserves	814	814	100	Agroforestry, Bamboo, Indigenous, Indigenous Clonal, Timber-MMFN , High Value Crop	<i>Dendrocalamus giganteus, Paraserian falcataria, Nephelium lappaceum, Lansium domesticum, Garcinia mangostana, Citrofortunella microcarpa, Durio zibethinus, Artocarpus heterophyllum, Shorea contorta</i>
CENRO Lianga	Surigao del Sur	No	-	1,024.00	1,024.00	100	Theobroma cacao, Coffee, Fruit Trees, Timber, Bamboo	<i>Theobroma Theobroma cacao, Coffea arabica, Rambutan, Nephelium lappaceum, Neolamarkia cadamba, Durio zibethinus, Mangifera indica, Annona</i>

								<i>muricata, Lansium domesticum, Falcataria moluccana, Dendrocalamus giganteus</i>
2022	Surigao del Sur	No	-	1,526.00	1,526.00	100		
CENRO Bislig	Surigao del Sur	Yes	Tinuy-an Falls Protected Landscape (Legistated) 50 hectares out of the target area	634	634	100	Timber, Coffee, Bamboo, Mangrove	<i>Falcataria falcata, Coffea arabica, Dendrocalamus giganteus, Rhizophora apiculata, Rhizophora mucronata</i>
CENRO Cantilan	Surigao del Sur	No	-	328	328	100	Bamboo, Theobroma cacao, Coffee, Indigenous, Timber	<i>Dendrocalamus giganteus, Theobroma Theobroma cacao, Robusta coffee, Shorea contorta, Shorea negrosensis, Paraserian falcataria</i>
CENRO Lianga	Surigao del Sur	No	-	564	564	100	Coffee Timber Bamboo	<i>Coffea arabica Falcataria moluccana Dendrocalamus giganteus</i>
2011-2022	Surigao del Sur		-	38,852.67	38,859.69	100		

Source: All CENRO's of SDS

2. Summary of Community-Based Employment Program under NGP Implementation

Province	Persons Employed		
	Male	Female	Total
Surigao del Sur	7,839	2,832	10,671

Source: All CENRO's of SDS, (2022)

3. Adopted Graduated NGP Sites

Province	Number of Adopter(s)	Classification of Adopters	Area Adopted (in hectares)
Surigao del Sur	1	Private Entity	756.097

Source: All CENRO's of SDS

F. Forest Protection

1. Apprehended/Confiscated/Forfeited Natural Resource Products including Tools, Implements and Equipment

Province	Species	Volume (cu.m)			Market Value (in Php)
		Lumber	Flitches	Logs	
Surigao del Sur	Lauan, Yakal, White Lauan, Lapnisan, Antipolo, Tanguile, Almon, Toog, Sagimsim, Hindang, Red Lauan, Mayapis, Narra, Sujang, Bay-ang Gubas, Gubas, Gmelina, Magotambis, Bitanghol, Dalingdingan, Doyok-doyok, Bagtikan, Mangga Chapui, Kamagong	148,892.89 BD.FT.		20.49 CU.M	Php 6,703,435.22

Source:

2. Forest Disturbance by Cause

Province	Date of Occurrence	Location	Cause of Disturbance	Category	Area Damaged (in hectares)	Plantation	
						Year Established	Area Planted (in hectares)
SDS	NONE	NONE	NONE	NONE	NONE	NONE	NONE

Source: All CENRO's of SDS

3. Forest Disturbance within NGP Sites

Province/ Municipality	Type of Disturbance	Date Occurred (mm/dd/yyyy)	Year NGP Established (YYYY)	Area Damaged (in hectares)
CENRO Bislig				1,352.07
	Typhoon Pablo and tropical drepression Agaton, Auring and Vicky	12/04/2012 2014 2017 2020	2011	147
	Typhoon Pablo and tropical drepression Agaton, Auring and Vicky	12/04/2012 2014 2017 2020	2012	608
	Typhoon Pablo and tropical drepression Agaton, Auring and Vicky	12/04/2012 2014 2017 2020	2013	26.4
	Typhoon Pablo, Odette and tropical drepression Agaton, Auring and Vicky.	12/04/2012 2014 2017 2020 12/16/2021	2015	385.67
	Typhoon Odette	12/16/2021	2017	110
	Typhoon Odette	12/16/2021	2018	75
CENRO Cantilan				515.47
Cantilan	Typhoon	12/09/2012 04/10/2022 02/13/2018	2012	0.8

Carmen	Typhoon	12/09/2012 04/10/2022 02/13/2018	2012	9
Carmen	Typhoon	12/09/2012 04/10/2022 02/13/2018	2012	34.4
Carmen	Typhoon	12/09/2012 04/10/2022 02/13/2018	2012	40.4
Lanuza	Typhoon	12/09/2012 04/10/2022 02/13/2018	2012	65
Lanuza	Typhoon	12/09/2012 04/10/2022 02/13/2018	2012	79.3
Lanuza	Typhoon	12/09/2012 04/10/2022 02/13/2018	2012	80.77
Lanuza	Typhoon	12/09/2012 04/10/2022 02/13/2018	2012	38.8
Lanuza	Typhoon	12/16/2021	2012	8
Lanuza	Typhoon	12/16/2021	2012	5
Lanuza	Typhoon	12/16/2021	2012	10
Madrid	Typhoon	12/16/2021	2012	13
Madrid	Typhoon	12/16/2021	2012	60

Cortes	Typhoon	12/16/2021	2012	1
Cortes	Typhoon	12/16/2021	2012	3
Cortes	Typhoon	12/16/2021	2012	28
Lanuza	Typhoon	12/16/2021	2013	15
Lanuza	Typhoon	12/16/2021	2013	8
Lanuza	Typhoon	12/16/2021	2014	
Cantilan	Typhoon	12/16/2021	2015	6
Carmen	Typhoon	12/16/2021	2015	10
Surigao del Sur				1,867.54

Source: All CENRO's of SDS

G. Utilization Permits

1. Cutting Permits

Province	Number of permits	Volume (cu.m)
Surigao del Sur	23	12,657.83

Source: All CENRO's of SDS

2. Permit for Private Tree Plantations

Province	Type of Permit	Number of Permittee	Area	Volume
Surigao del Sur	PTPR	217	1,339.86	122,480.57

Source: All CENRO's of SDS

3. Permits for Non-timber Products

Province	Type of NTFP	Number of permits	Unit of Measure	Amount
	CMFPO	16	LM	300,000
	Rattan Harvesting Permit	1	LM	160,000
Surigao del Sur		17		460,000

Source: All CENRO's of SDS

4. Rattan Cutting Contract

Region	Province	Number	Area	Allowable Cut	Unit of Measurement
Caraga	SURIGAO DEL SUR	1	23,127	883,913.17	Linear Meter

Source: All CENRO's of SDS

H. Co-Management Agreement

12. 1. Co Management Agreements related to Forest Conservation

Purpose of Partnership	Partner	Location	Area	Name of Watershed
SDS	NONE	NONE	NONE	NONE

I. Production of Forest Products

1. Monthly Production of Logs, Lumber, Veneer and Plywood (in cu. m)

1.1. Monthly Log Production

Province	Log Production (cu.m.)												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	
Surigao del Sur	12,007.78	12,915.96	8,659.23	7,678.47	6,088.13	8,607.57	6,554.99	12,878.56	9,760.42	7,954.04	6,779.63	2,654.63	102,539.41

Source: All CENRO's of SDS

1.2. Monthly Lumber Production

Province	Lumber Production (cu.m.)												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	
Surigao del Sur	224.51	370.4	440.71	417.78	436	470.47	416.7	409.96	485.69	406.21	492.68	222.58	4,793.67

Source:

1.3. Monthly Veneer Production

Province	Veneer Production (cu.m.)												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
SDS	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

1.4. Monthly Plywood Production

Province	Plywood Production (cu.m.)												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
SDS	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

Source: All CENRO's of SDS

2. Non-Timber Forest Products (NTFP) Production

Province	Almaciga Resin (kilogram)	Anahaw Leaves (piece)	Anahaw Poles (piece)	Bamboo Poles (piece)	Buri Midribs (kilogram)	Nipa Shingles (piece)	Split Rattan (kilogram)	Unsplit Rattan (lineal meter)
SDS	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

Source: All CENRO's of SDS

J. Employment

Forest Rangers difference from Bantay Gubat under LGU (verify with regions)

Province	Forest Rangers			Bantay Gubat under LGU		
	Male	Female	Total	Male	Female	Total
Surigao del Sur	52	28	80			

Source: All CENRO's of SDS