



# Appendices

**Appendix A. DENR-PENRO Northern Samar’s Mangrove Projects**

Year	Total area (ha)	
	First District	Second district
2011	220	-
2012	500	5
2013	350	150
2014	263	80
2015	2,176	834
2016	-	-
2017	-	52
<b>Total</b>	<b>3,509</b>	<b>1,121</b>
<b>Total (Northern Samar)</b>	<b>4,630</b>	

Source: DENR-PENRO, 2018. Presented during Coastal and Mangrove Assessment, February 2018, Ibabao Hall, New Capitol Bldg., Catarman, N. Samar.

**Appendix B.** Old Growth/Existing Mangrove Forest in Northern Samar (DENR 2018)

<b>First District</b>	<b>Area</b>	<b>Second district</b>	<b>Area</b>
Biri	22.09	Gamay	668.48
Rosario	268.41	Laoang	3,648.42
San Jose	444.68	Lapinig	645.89
San Vicente	122.98	Las Navas	0.01
		Palapag	117.05
		Pambujan	623.41
		San Roque	252.47
<b>Total</b>	<b>858.16</b>	<b>Total</b>	<b>5,955.73</b>
<b>Total (Northern Samar)</b>		<b>6,813.89</b>	

**Appendix C. List of Mangrove Species in Northern Samar**

	Scientific name	Local name
1	<i>Rhizophora stylosa</i>	Bakhaw bato
2	<i>Rhizophora apiculata</i>	Bakhaw lalaki
3	<i>Rhizophora mucronata</i>	Bakhaw-babae
4	<i>Avicennia officinalis</i>	Bungalon
5	<i>Acanthus ilicifolius</i>	Ragoyroy
6	<i>Acrostichum aureum</i>	Palaypay
7	<i>Aegiceras corniculatum</i>	Saging-saging
8	<i>Aegiceras floridum</i>	Saging-saging
9	<i>Avicennia alba</i>	Bungalon
10	<i>Avicennia marina</i>	Miapi, bungalon
11	<i>Avicennia rumphiana</i>	Bungalon
12	<i>Bruguiera cylindrica</i>	Pototan
13	<i>Bruguiera gymnorhiza</i>	Pototan
14	<i>Bruguiera parviflora</i>	Lapis-lapis, Pototan
15	<i>Bruguiera sexangula</i>	Pototan
16	<i>Ceriops tagal</i>	Tangal
17	<i>Ceriops decandra</i>	Baras-baras, Malatangal
18	<i>Excoecaria agallocha</i>	Buta-buta
19	<i>Heritiera littoralis</i>	Dungon
20	<i>Lumnitzera littorea</i>	Tabao
21	<i>Lumnitzera racemosa</i>	Tabao
22	<i>Nypa fruticans</i>	Nipa
23	<i>Scyphiphora hydrophyllacea</i>	Nilad
24	<i>Sonneratia alba</i>	Pagatpat
25	<i>Sonneratia caseolaris</i>	Pedada
26	<i>Xylocarpus granatum</i>	Tabigi
27	<i>Xylocarpus mulloscensis</i>	Piagao, Tabigi
28	<i>Pemphis acidula</i>	Tabigi

**Appendix D.** List of Contractors, Location and Hectarage of Mangrove Projects in First District, Northern Samar

<b>First District</b>			
<b>Year</b>	<b>Contractor</b>	<b>Location</b>	<b>Area (ha)</b>
2011	Buenavista Fisherfolks Organization	Brgy. Buenavista, San Isidro, N. Samar	20
	Tulungan ng Mangingisda Laban sa Kahirapan	Cabaongon Island, San Jose, N. Samar	50
	Buenavista Fishers and Farmers Association Inc.	Brgy. Buenavista, Rosario, N. Samar	50
	San Antonio Farmers Association	Brgy. San Antonio, Biri, N. Samar	100
2012	Tulungan ng Mangingisda Laban sa Kahirapan	Cabaongon Island, San Jose, N. Samar	150
	San Antonio Fishermen Association	Brgy. San Antonio, Biri, N. Samar	50
	San Antonio Multi-purpose Community Association	Brgy. San Antonio, Biri, N. Samar	50
	San Pedro CBRM Organization	Brgy. San Pedro, Biri, N. Samar	50
	Pasay Kinis Bangus Producers Association	Brgy. P. Tingzon, San Jose, N. Samar	40
	Brgy. 1 Fisherfolks Association	Brgy. 1, Rosario, N. Samar	20
	Rosario Womens Cooperative	Brgy. 1, Rosario, N. Samar	20
	Local Government Unit of Lavezares, N. Samar	Brgy. Magsaysay, Lavezares, N. Samar	120
2013	Dao Agro-Aqua Forestry Producers Association	Brgy. Dao, San Jose, N. Samar	20
	Progress CBRM Organization	Brgy. Progress, Biri, N. Samar	13
	Pio del Pilar Fisherfolks Association	Brgy. Pio del Pilar, Biri, N. Samar	27
	Samahang Sto. Ninians Tungo sa Kaunlaran	Brgy. Sto. Nino, Biri, N. Samar	28
	San Pedro CBRM Organization	Brgy. San Pedro, Biri, N. Samar	26
	San Antonio Multi-purpose Community Association	Brgy. San Antonio, Biri, N. Samar	26
	San Antonio Fishermen Association	Brgy. San Antonio, Biri, N. Samar	26
	McArthur Fisherfolks Association	Brgy. McArthur, Biri, N. Samar	25
	Kauswagan San Panginabuhi Ngan Kapalibutan	Brgy. Kauswagan, Biri, N. Samar	29
	Local Government Unit of Lavezares, N. Samar	Lavezares, N. Samar	106
	Local Government Unit of Lavezares, N. Samar	Lavezares, N. Samar	24

Appendix D. continuation

2014	Local Government Unit of Allen, N. Samar	Allen, N. Samar	16
	BLGU of Brgy. Dao, San Jose, N. Samar	Brgy. Dao, San Jose, N. Samar	20
	BLGU of Brgy. Bagong Sabang, San Jose, N. Samar	Brgy. Bagong Sabang, San Jose, N. Samar	20
	BLGU of Libertad, Victoria, N. Samar	Brgy. Libertad, Victoria, N. Samar	6
	BLGU of Bgy Erenas, Victoria, N. Samar	Brgy. Erenas, Victoria, N. Samar	6
	San Antonio Multi-purpose Community Association	Brgy. San Antonio, Biri, N. Samar	50
	San Antonio Fishermen Association	Brgy. San Antonio, Biri, N. Samar	20
	St. Anthony Parents Fisherfolks Association	Brgy. San Antonio, Biri, N. Samar	12
	San Pedro CBRM Organization	Brgy. San Pedro, Biri, N. Samar	35
	Kauswagan San Panginabuhi Ngan Kapalibutan	Brgy. Kauswagan, Biri, N. Samar	35
	Pio del Pilar Fisherfolks Association	Brgy. Pio del Pilar, Biri, N. Samar	15
	McArthur Fisherfolks Association	Brgy. McArthur, Biri, N. Samar	25
	St. Anthony Parents Fisherfolks Association	Brgy. San Antonio, Biri, N. Samar	3
2015	San Isidro Small Fishers and Farmers Association	Cabaongon Island, San Jose, N. Samar	73
	San Isidro Small Fishers and Farmers Association	Cabaongon Island, San Jose, N. Samar	170
	LGU - Lavezares, Northern Samar	Brgy. Libertad, Lavezares, N. Samar	12
	San Isidro Farmers Association	Brgys Buenavista & Poblacion Sur, San Isidro	21
	Makiwalo Farmers Association	Hirapsan Island, Mondragon, N. Samar	162
	Makiwalo Farmers Association	Brgy. Bagasbas, Mondragon, N. Samar	5
	Makiwalo Farmers Association	Brgy. Makiwalo, Mondragon, N. Samar	10
	UEP Emporwerment and Development Association	UEP Zone I and Brgy. Cawayan, Catarman	24
	UEP Emporwerment and Development Association	Brgy. Cawayan & Brgy. Narra, Catarman	43
	Kagiusan Kalagundianon Inc.	Brgy. San Roque to Brgy. San Juan, San Isidro,	11
	Malipayon Upland Farmers Association Inc.	Cabaongon Island, San Jose, N. Samar	150

**Appendix D. continuation**

Sto Nino Fisherfolks Organization	Cabaongon Island, San Jose, N. Samar	100
San Pedro Fisherfolks and Farmers Association	Cabaongon Island, San Jose, N. Samar	137
San Pedro Fisherfolks and Farmers Association	Cabaongon Island, San Jose, N. Samar	52
Mangrove Crab Producers Association of Rosario	Brgy. Jamoog, Rosario, N. Samar	126
Jamoog Livelihood Association	Cabaongon Island, San Jose, N. Samar	120
Biri Fisherfolks Association	Cabaongon Island, San Jose, N. Samar	105
BLGU of Bgy Palanit, San Isidro, N. Samar	Brgy. Palanit, San Isidro, N. Samar	5
BLGU of Palanit, San Isidro, N. Samar	Brgy. Palanit, San Isidro, N. Samar	6
San Isidro Farmers Association	Brgy. 1 & 3, Capul, Northern Samar	50
McArthur Fisherfolks Association	Brgy. McArthur, Biri, N. Samar	9
Pio del Pilar Fisherfolks Association	Brgy. Pio del Pilar, Biri, N. Samar	7
San Pedro CBRM Organization	Brgy. San Pedro, Biri, N. Samar	76
San Antonio Multi-purpose Community Association	Brgy. San Antonio, Biri, N. Samar	30
San Antonio Multi-purpose Community Association	Brgy. San Antonio, Biri, N. Samar	125
San Antonio Fishermen Association	Brgy. San Antonio, Biri, N. Samar	20
San Antonio Fishermen Association	Brgy. San Antonio, Biri, N. Samar	125
St. Anthony Parents Fisherfolks Association	Brgy. San Antonio, Biri, N. Samar	20
St. Anthony Parents Fisherfolks Association	Brgy. San Antonio, Biri, N. Samar	125
Local Government Unit of San Antonio, N. Samar	Lagbangan Lake, San Antonio, N. Samar	51
Local Government Unit of San Antonio, N. Samar	Lagbangan Lake, San Antonio, N. Samar	7
Biri Fisherfolks Association	Brgy. Poblacion, Biri, N. Samar	9
Progress CBRM Organization	Brgy. Progress, Biri, N. Samar	12
Progress CBRM Organization	Brgy. Progress, Biri, N. Samar	40
Samahang Sto. Ninians Tungo sa Kaunlaran	Brgy. Sto. Nino, Biri, N. Samar	33
Samahang Sto. Ninians Tungo sa Kaunlaran	Brgy. Sto. Nino, Biri, N. Samar	31
Kauswagan San Panginabuhi Ngan Kapalibutan	Brgy. Kauswagan, Biri, N. Samar	74

**Appendix E. List of Location and Area of Mangrove Projects in Second District, Northern Samar**

Year	Municipality	Barangays	Area (ha)
2012	Pambujan	Doña Anecita	5
2013	Palapag	Manajao	60
		Natawo	50
		Pangpang	40
2014	Laoang	Cabadiangan, GB Tan, Napotican, Doña Luisa, Candawid	80
2015	Catubig	Boring	44
	Gamay	Baybay	9
		Cabarasan	8.5
		Cagamotan	2.9
		Dao	21.5
		Laoang	Aronganga
		Atipolo	45
		Cabadiangan	12
		Candawid	5
		Canyomanao	10
		Doña Luisa	13
		Inamlan	5
		Little Venice	15.1
		Mual-bual	5
		Suba	39.5
		Talisay	12.67
	Vigo	15.51	
2017	Gamay	Libertad & Cagamutan	7
	Laoang	Aguadahan	20
		Inamlan	25
<b>Total</b>			<b>1,121.00</b>



## Appendix F. Program

### Central and Eastern Visayas Mangrove Summit March 23, 2018 | University of the Philippines Visayas – Tacloban College

- 8:30 AM Registration  
 Prayer  
 National Anthem
- 9:00 AM Welcome Remarks  
*Prof. Virgildo E. Sabalo, Ph.D.*  
*Dean of University of the Philippines Visayas Tacloban College*
- 9:30 AM Summit introduction and overview  
*Dr. Severino G. Salmo III*  
*Assistant Professor, Department of Environmental Science,*  
*Ateneo de Manila University*
- 9:45 AM Technical presentations
- Carbon stock and sediment elevation change of project sites  
*Ms. Eunice Lois D. Gianan*  
*Research Assistant, OML NP2015-16 Project*  
*Ateneo de Manila University*
  - Simulation of impacts of sea-level rise on mangrove survival in Visayas  
*Engr. Homer Pagkalinawan*  
*University of the Philippines*
- Open Forum
- 12:00 NN Lunch
- 01:00 PM State of the mangrove research and management in each Provinces,  
 Municipality of Palompon Leyte and Southeast Samar PO Consortium
- 03:30 PM Workshop Introduction: Action Planning and Recommendation  
*Prof. Margarita de la Cruz*
- 05:00 PM Synthesis  
*Dr. Severino G. Salmo III*
- 05:15 PM Closing Remarks  
*Ms. Alicia de Sagun*  
*Grants Manager, Oscar M. Lopez Center*
- 06:00 PM Dinner

*Emcee: Prof. Margarita T. De La Cruz*