



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
Provincial Environment and Natural Resources Office
Bgy. Sta. Monica, Puerto Princesa City, Palawan
E-mail: penropalawan@denr.gov.ph
Telfax No. (048) 433-5638

20 June 2023

MEMORANDUM

FOR : **The Regional Executive Director**
MIMAROPA Region
1515 DENR By the Bay Building, Roxas Blvd.
Barangay 668, Ermita, Manila

THRU : **The OIC Assistant Regional Director for Technical Services**

FROM : The Provincial Environment and
Natural Resources Officer

SUBJECT : **ACTIVITY REPORT ON THE CONDUCTED COASTAL AND
MARINE RESOURCES ASSESSMENT AND MONITORING
FOR DRY SEASON CY 2023**

Forwarded is the memorandum dated June 19, 2023 of the Conservation and Development Section along with the report on the conducted Coastal and Marine Resources Assessment and Monitoring (CMRAM) for Dry Season at Snake Island NCMCR on June 12-16, 2023, that serves as **Means of Verification (MOV)** to the target activity under Snake Island NCMCR – conduct of Marine Resources Assessment.

Please be informed that a total of twenty-eight (28) participants joined the activity composed of nineteen (19) men and nine (9) women with representatives from BMB-CMD, ERDB-CZFERD, Regional Office – CDD, CENRO Taytay, CENRO Puerto Princesa, City ENRO, Palawan Council for Sustainable Development Staff (PCSDS) PENRO Palawan – CDS and the Snake Island Management Office (SIMO) as host of the activity.

Attached are photo documentation and the attendance sheet.

For information and record.


FELIZARDO B. CAYATOC



**DENR-PALAWAN
PENRO-RECORDS
RELEASED**
By 
Date: 27 JUN 2023 7023-1705



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Department of Environment and Natural Resources
MIMAROPA Region
Provincial Environment and Natural Resources Office
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Telfax No. (048) 433-5638

19 June 2023

MEMORANDUM

FOR : The Provincial Environment and
Natural Resources Officer

THRU : The Chief,
Technical Services Division

FROM : The Chief, Conservation and Development Section
Snake Island Management Officer in concurrent capacity

SUBJECT : **ACTIVITY REPORT ON THE CONDUCTED COASTAL AND
MARINE RESOURCES ASSESSMENT AND MONITORING
FOR DRY SEASON CY 2023**

DENR PENRO
PALAWAN RECORDS
RECEIVED
BY: _____
DATE: 06/19/2023 CN _____

Respectfully submitted is the activity report of Ms. Demi Patricia Samson, Marine Biologist II, regarding coastal and marine resources assessment and monitoring activity at Snake Island – National Coastal and Marine Center for Research, Honda Bay, on June 12-16, 2023.

As per report, a total of twenty-eight (28) participants joined the activity composed of nineteen (19) men and nine (9) women with representatives from BMB-CMD, ERDB-CZFERD, Regional Office – CDD, CENRO Taytay, CENRO Puerto Princesa, City ENRO, Palawan Council for Sustainable Development Staff (PCSDS) PENRO Palawan – CDS and the Snake Island Management Office (SIMO) as host of the activity.

This will serve as Means of Verification (MoV) to the target activity under Snake Island NCMCR – conduct of Marine Resources Assessment.

Attached are photo documentation and the attendance sheet.

For information and further instruction.


RHODORA B. UBANI



**ACTIVITY REPORT ON THE CONDUCTED COASTAL AND MARINE
RESOURCES ASSESSMENT AND MONITORING FOR DRY SEASON 2023**

June 12-16, 2023

As part of the target activities of Snake Island – National Coastal and Marine Center for Research for CY 2023, the SIMO hosted the conduct of dry season coastal and marine resources assessment and monitoring at Snake Island NCMCR, Honda Bay on June 12-16, 2023.

A total of twenty-eight (28) participants joined the activity, composed of nineteen (19) males and nine (9) females with representatives from BMB – Coastal and Marine Division, ERDB – Coastal Zone and Freshwater Ecosystems Research Division, Regional Office – Conservation and Development Division, CENRO Taytay, CENRO Puerto Princesa, City ENRO, Palawan Council for Sustainable Development Staff, PENRO Palawan – Conservation and Development Section and the Snake Island Management Office (SIMO) as host of the activity.

On May 25, 2023, a levelling off meeting was conducted with the team via Zoom as part of the preparation for the assessment as well as to discuss the materials needed by the team.

On day 1, upon the arrival at PPS International Airport, the participants proceeded to the Snake Island Management Office. The following team were assigned to respective components:

Corals & Fish	Mangroves	Seagrass	Macrobenthos	Avifauna	Water Quality
Eena Marie Nuevas (BMB)	Alvin Gestuada (ERDB)	Demi Patricia Samson (SIMO)	Annieraj Velasco (ERDB)	Alon Velasquez (ERBD)	Rejaynil Valdez (ERDB)
Joseph Ryan Davalos (BMB)	John Manahan (ERDB)	John Carlo Talan (SIMO)	Julius Landrito (C-PPC)	Myla Adriano (City ENRO)	Julius Landrito (C-PPC)
Raul Abia (BMB)	Sanny Nedroda (SIMO)	Rugymel Monticod (SIMO)	Fatima Grate (Regional Office)	Alonzo Padon (City ENRO)	
Genesis Ustares (PCSDS)	Jessie Escandalio (C-PPC)	Crishell Rose Corpuz (C-Taytay)		Joy Viterbo (City ENRO)	
Krizia Meryl Ecube (PENRO)				Junamae Molato (City ENRO)	
Jamael Masacal (SIMO)				Jessie Escandalio (C-PPC)	
Arni Pabelonio (Dive)					



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The actual assessment was completed on the following days. Unfortunately, due to some power source problems for the operation of the dive compressor, the corals and fish components were able to accomplish only 5 out of 6 established stations. The remaining station will be surveyed by the SIMO team. The existence of Crown-of-Thorns was noted in Station 1 according to the corals and fish team's observations.

The seagrass and macrobenthos monitoring team conducted the survey at four (4) established monitoring stations. For station 1, the transect line began at about 3 to 4 feet deep, this is due to the Typhoon Odette that hit the island last December 2021 which caused a sand shift and the covering of seagrass beds near the shoreline of monitoring Station 1. Fortunately, sand shift did not occur in other monitoring stations.

The mangroves monitoring team conducted the survey along the damaged trees on the established permanent plots. They also re-painted and marked the permanent plots.

Surface water samples were analyzed *in situ* using the HORIBA U-53 Water Quality Checker. The following parameters were measured: temperature, pH, oxidation-reduction potential (ORP), conductivity, turbidity, dissolved oxygen, Total Dissolved Solids (TDS), Nitrate-N, Ammonia-N, Phosphate, Total Suspended Solids (TSS) and salinity. A total of 9 stations were sampled, six (6) samples from coral reefs monitoring stations and three (3) samples from seagrass monitoring stations as additional site.

The CPCE, FVC, and Rugosity data from corals and fish components will be processed by the SIMO staff, BMB, and PCSDS to be forwarded to the ERDB for analysis, interpretation, and technical writing. Furthermore, the raw data for mangrove, seagrass, and macrobenthos components had already been obtained and processed by ERDB technical personnel. Moreover, the data on the avifauna community will be forwarded to ERDB once it is processed and submitted by the City ENRO.

This will serve as Means of Verification (MoV) to the target activity under Snake Island NCMCR CY 2023 - Marine Resources Monitoring. Attached is the photo documentation of the activity and attendance sheet. For information and further instructions.

Prepared by:

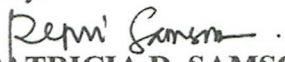
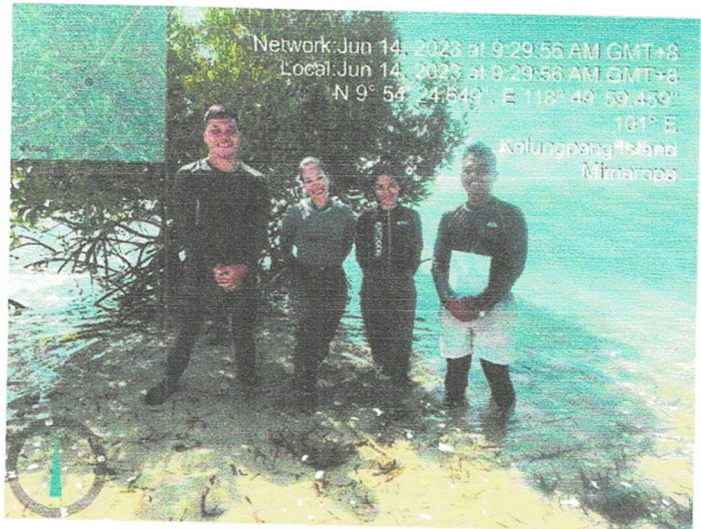
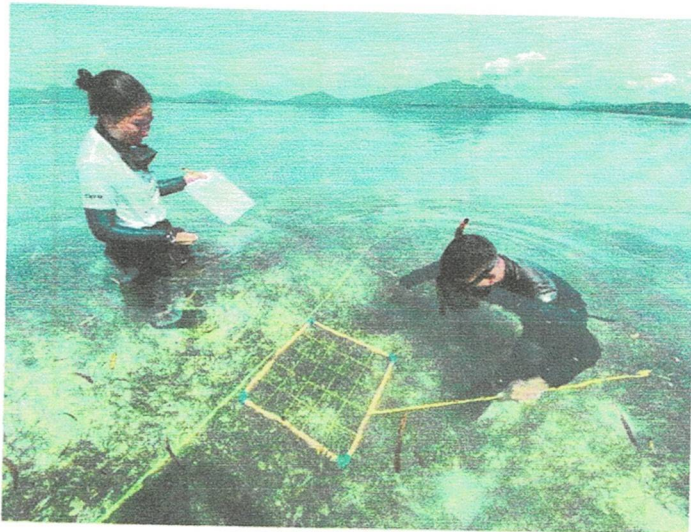
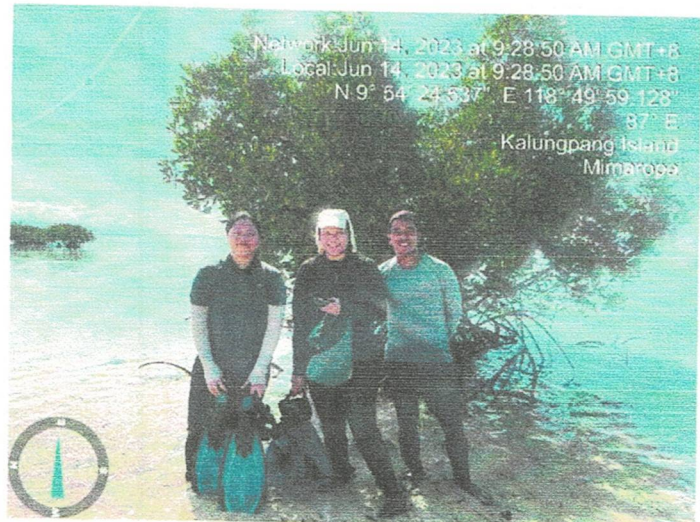
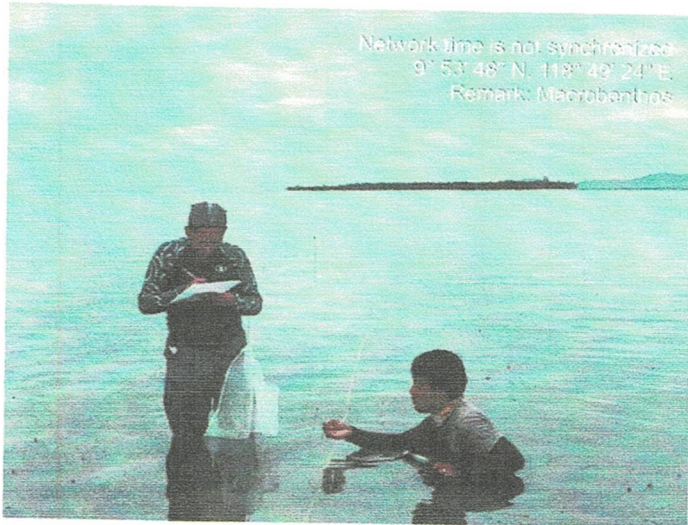

DEMI PATRICIA D. SAMSON
Marine Biologist II



PHOTO DOCUMENTATION



Seagrass team during the survey and group photo in the survey site

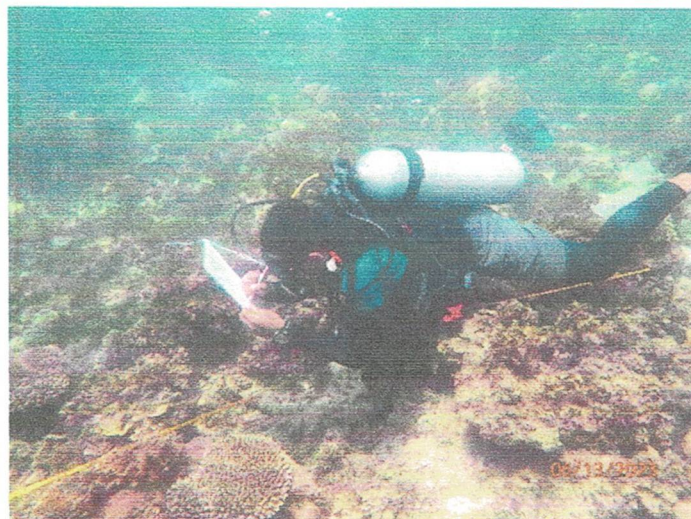
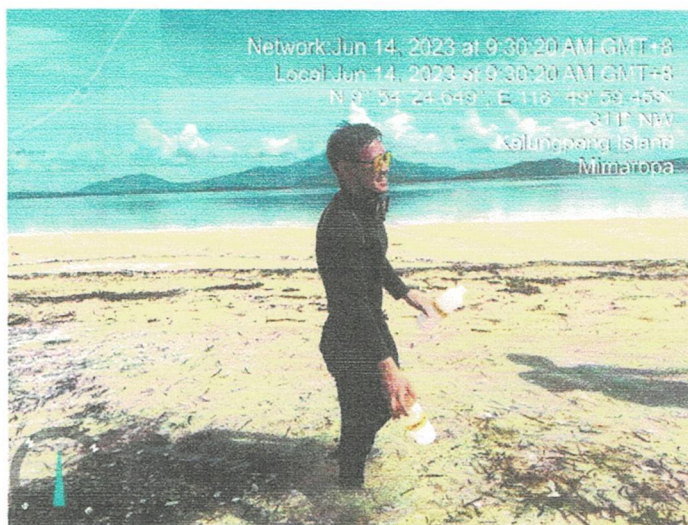


Macrobenthos team during the survey and group photo in the survey site

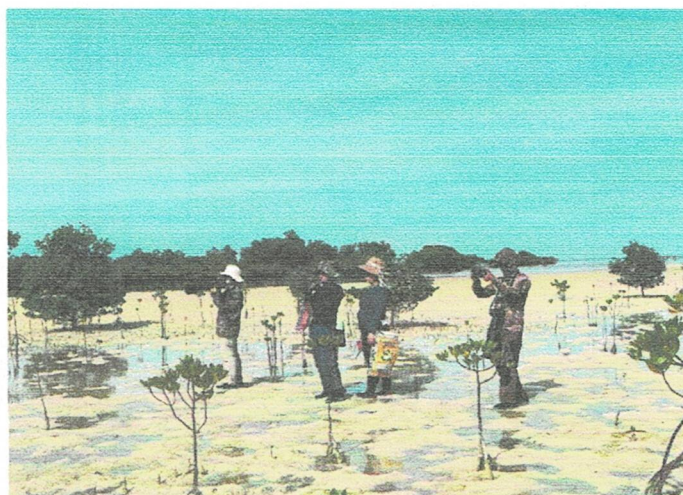




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Coral Reef, Fish Visual Census, and Water Quality Monitoring Team



Avifauna and fauna team



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ATTENDANCE SHEET

Coastal and Marine Resources Assessment and Monitoring 2023 – Dry Season | Snake Island NCMCR, Honda Bay | June 12, 2023

Name	Gender				Office	Contact Number	Signature
	Masculine	Feminine	LGBTQ+	Preferred not to say			
DR POMMER MARATHAN	✓				ENRB	09957480678	
ALVIN S. GRESTIENDA	✓				ENRD	09389971653	
ARNI PABELONIO	✓				CORON DIVERS	09209457637	
Folan, John Carlo J.	✓				CDS (DENR)	0930 983 8267	
Xeni Patricia D. Samson		✓			DENR	0917 116 2096	
Almen's Infantes	✓				PCSDS	097999218358	
Grishell Rose S. Corpuz		✓			CENRO Taytay	09994107539	
Nedroder, Sammy A.	✓				DENR DENPO	09695626724	
BENA NUEVAS		✓			PNMB	09271543974	
Raul S. Abila	✓				BMB-CHD	09167823084	
Joseph Ryan Dardaga	✓				BMB		
ELIE P. ESCOBALUA	✓				DENR-CENRO III	0966-8166167	
Julius Landricko	✓				CENRO EPC		
Myla Adriano		✓			City ENRO		
ALONZO PADON	✓				CITY ENRO		



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Coastal and Marine Resources Assessment and Monitoring 2023 – Dry Season | Snake Island NCMCR, Honda Bay | June 12, 2023

Name	Gender				Office	Contact Number	Signature
	Masculine	Feminine	LGBTQ+	Preferred not to say			
Jay R. Vitarbo		/			City Enro		
Junamare Molato		/			City Enro		
Rejanyll M. Valdez	/				ERDB	09158379855	
Fatima S. Grute		/			MIMAROPA PA		
Alan S. Velazquez	/				ERDB	09172485888	
Princess A. Volans		/			ERDB		
Karla Meryl Eumbe		/			PENRO		
MARK ANGEL A. LITO	/				PENRO		
Vincent G. Arcaño	/				PENRO		
Samuel B. Masagal	/				PENRO	09063570403	
RUGIMBE MUMING	/				"		
CHRISTIAN FELIMARCA	/				"		
Arnoldo Pagan	/				"		



ATTENDANCE SHEET

Coastal and Marine Resources Assessment and Monitoring 2023 -- Dry Season | Snake Island NCMCR, Honda Bay | June 13, 2023

Name	Gender				Office	Contact Number	Signature
	Masculine	Feminine	LGBTQ+	Preferred not to say			
JOHN ROMERO MARIATAN	✓				BRB		
ALVIN S. GRESTIORDER	✓				CRDB	09359971683	
ARNI PABELONIO	✓				CORON PIVERS	09209457637	
DENI PATRICIA D. CAMON		✓			DENR	0917 116 2094	
Genesis Urtoras	✓				PCSDS	093999219338	
Cristhel Rose S. Cooper		✓			CENRO Taytay	09994167539	
Nedroder Sammy A.	✓				DEPR PENRO	091695600824	
Talan, John Carlo J.	✓				CDS (DENR)	0930 983 8267	
BENA NUEVAS		✓			BMB	09271543974	
Raul D. Abica	✓				BMB-CMD	09168223089	
Jesha Ryan Davalos	✓				Bkp		
Myla S. Adriano		✓			CITY ENRO		
ARONZO J. PADON	✓				CITY ENRO		
Joy B. Viterbo		✓			city Enro		
Chance Motelob		✓			City Enro		



ATTENDANCE SHEET

Coastal and Marine Resources Assessment and Monitoring 2023 -- Dry Season | Snake Island NCMCR, Honda Bay | June 13, 2023

Name	Gender				Office	Contact Number	Signature
	Masculine	Feminine	LGSTQ+	Preferred not to say			
JESSE P. ESCOBAR	✓				DENR- CENRO JOC	0966-816187	N
REYANIL N. VALDEZ	✓				PROB	09158379855	N
JULIAN LANDRUM	✓				CENRO PRC		
FRANCA G. GARCIA		✓			WIMBROS PA		
ALAN J. VELAZQUEZ	✓				BRD B	0917283875	
ANNE M. VELAZQUEZ		✓			PROB		
KRISTINA MERYL EUMBE		✓			PENRO		
MARK ANGEL A. LITO	✓				PENRO		
VINCENT G. ARCAÑO	✓				PENRO		
JAMAE B. MASACAL	✓				PENRO	09063570407	
KRISTINE MONTAUD	✓				"		
CARLINA ESPINOSA	✓				"		
BERNARDO MONTAUD	✓				"		



ATTENDANCE SHEET

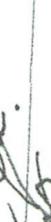
Coastal and Marine Resources Assessment and Monitoring 2023 – Dry Season | Snake Island NCMCR, Honda Bay | June 14, 2023

Name	Gender				Office	Contact Number	Signature
	Masculine	Feminine	LGBTQ+	Preferred not to say			
TAN POMMER MANSAYAN	✓				EP-OB		
ALVIN S. GESPONDO	✓				EP-OB	09397971653	
ARNI PABELONIO	✓				CORON DMERS	09209457637	
Demi Patricia D. Samson		✓			DENR	0914 114 2496	
Cristeli Rose S. Carpin		✓			CENRO Taytay	093094167539	
Greneris Infantes	✓				PCSDS	09399218354	
Nedroda, Sammy A	✓				PENRO DENR	09169568240	
Talan, John Carlo J.	✓				CPS CENR	0930 983 8267	
EENA NUEVAS		✓			BMB	0927154974	
Raul B. Abia	✓				BMB -CHD	09167823889	
Joseph Dancas	✓				CMD		
Myla Adriano		✓			City ENRO		
ALONZO J. PAPON	✓				CITY ENRO		
Jay B. Vilarbo		✓			City ENRO		
Jaime Molato		✓			City ENRO		



ATTENDANCE SHEET

Coastal and Marine Resources Assessment and Monitoring 2023 – Dry Season | Snake Island NCMCR, Honda Bay | June 14, 2023

Name	Gender				Office	Contact Number	Signature
	Masculine	Feminine	LGBTQ+	Preferred not to say			
JESIE H. ECARDALIA	/				DEM-CRUPA 11K	8466-816187	
REJAYNI M. VANDER	/				GRDB	0918379855	
JULIUS LANDAURO	✓				CENRO PAR		
FATIMA S. GRATO		/			WIMBROPA		
Blair J. Velasquez	/				ERDB	09172483095	
Amuraj A. Velazquez		/			PROB		
KRISTIA WEDY A. ECUPE		/			PENRO		
MARK ANGEL A. LITO	/				PENRO		
Jamuel B. Masacal	/				PENRO	09063570407	
Ruyumel Montiel	/				u		
Cristian Tejares	/				u		
Orlando Maylan	✓				u		



ATTENDANCE SHEET

Coastal and Marine Resources Assessment and Monitoring 2023 – Dry Season | Snake Island NCMCR, Honda Bay | June 15, 2023

Name	Gender				Office	Contact Number	Signature
	Masculine	Feminine	LGBTQ+	Preferred not to say			
JOHN ROMMER MARAFIAH	✓				ERDB		
ALVIN S. GREGORIO	✓				EP-DR	09399571603	
ARNI PABELONIO	✓				CORON DIVERS	09209457637	
Deni Patricia D. Samson		✓			DENR	09171122046	
Generis Infantes	✓				PCSDS	091999218354	
Talan, John Carlo J.	✓				CDS (DENR)	0930 983 8267	
Cristall Rose S. Corpuz		✓			CENCO Taytay	09094167559	
Nathoda, Samy A.	✓				DENR PEMP	09696882560	
BENA NUEVAS		✓			POMB	09771543974	
Raul D. Abia	✓				BMB-CMD	09167823089	
Kyle Douglas	✓				BMB		
Myla Adriano		✓			BMB		
ALONZO T. PAPON	✓				City ENRO		
Joy B. Viterbo		✓			CITY ENRO		
Joanne Molato		✓			City ENRO		

Coastal and Marine Resources Assessment and Monitoring 2023 – Dry Season | Snake Island NCMCR, Honda Bay | June 15, 2023

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Name	Gender				Office	Contact Number	Signature
	Masculine	Feminine	LGBTQ+	Preferred not to say			
JESSE M. ESCABALLO	-				PNR-CEMIS/PC	0966-816187	
REYANIL M. VALDEZ	-				ERDB	09158379855	
JULUS LATORITA	-				CENRO PCU		
FATIMA G. GRATE		-			MIMAROPA		
ALAN J. VELAZQUEZ	-				ERDB	09172413895	
ANURAG P. VELMAK		-			ERDB		
KRISHA MEKYL ECUARTE		-			TEURO		
MARK HUBO A. LITO	-				PENRO		
VINCENT G. ARCAÑO	-				PENRO		
Jamarel B. Masacal	-				PENRO	09063570407	
Remyrel Montinod	-				"		
Cristian Beguirica	-				"		
Plando Baylan	-				"		



Snake Island
#NCMCR

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Coastal and Marine Resources Assessment and Monitoring 2023 – Dry Season | Snake Island NCMCR, Honda Bay | June 16, 2023

Name	Gender				Office	Contact Number	Signature
	Masculine	Feminine	LGBTQ+	Preferred not to say			
JOHN POMMER MANTARAN	✓				ETOB		
ALUM S. GREGILLO	✓				ERDR	09397971609	
ARNI PABELON	✓				CORON DIVERS	09209457637	
Crisbell Rose S. Corpuz		✓			CENRO Textay	09994167539	
Demi Patricia D. Samson		✓			PENR	0913 116 2094	
Gemenis Infante	✓				PCSDS	09399218258	
Nedroder, Sonny A.	✓				PTPRPO	091695006724	
Taban, John Carlo J.	✓				DEMR-PENRO		
EENA NUEVAS		✓			BMB	09271543974	
Raul D. Abia	✓				BMB-CMD	091678223889	
Joseph Davalos	✓				BMB	09762987980	
Myla Adriano		✓			City ENRO		
ALONZO I. PADON	✓				CITY ENRO		
JOY B. Viterbo		✓			City ENRO		
Juanmar Molato		✓			City-ENRO		



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Coastal and Marine Resources Assessment and Monitoring 2023 – Dry Season | Snake Island NCMCR, Honda Bay | June 16, 2023

Name	Gender				Office	Contact Number	Signature
	Masculine	Feminine	LGBTQ+	Preferred not to say			
JESSE M. ESCANDALIO	✓				DENL-CENRO VRC	89668116187	
REOPYNIL H. VANDER	✓				EXOB	09150379855	
JULIAN LANDAVIDO	✓				CENRO PPC		
Patricia B. Cordero		✓			MIMAROPA		
Man J. Velazquez	✓				EXOB	09172485875	
ANNEJ P. VILLANO		✓			POD		
KRISTA MERYL ZUMBE		✓			PENRO		
MARK HUGO A. JUD	✓				PEAKO		
VINCENT G. ARCANO	✓				PENRO		
Jamael B. Masacal	✓				PENRO	09062570407	
Rugymel Montiel	✓				u		
Cristian Cepinosa	✓				u		
Orlando Maylan	✓				u		