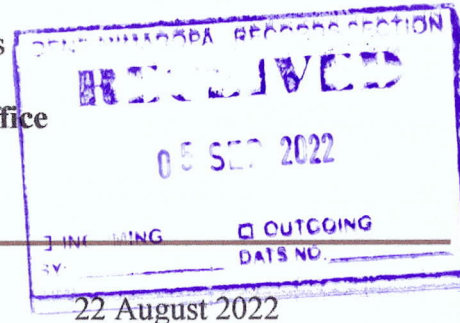




Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
Provincial Environment and Natural Resources Office
Bgy. Sta. Monica, Puerto Princesa City, Palawan
E-mail: penropalawan@denr.gov.ph
Telfax No. (048) 433-5638



MEMORANDUM

FOR : The Regional Executive Director
MIMAROPA Region
Roxas, Blvd. Ermita, Manila

FROM : The Provincial Environment and
Natural Resources Officer

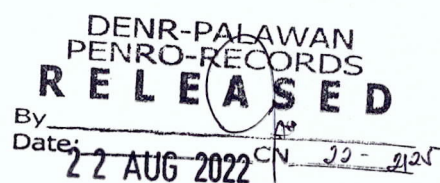
SUBJECT : **COASTAL AND MARINE RESOURCE ASSESSMENT AND
MONITORING OF SNAKE ISLAND NATIONAL COASTAL
AND MARINE ENTER FOR RESAERCH (SI-NCMCR) FOR CY
2022 [E-2022-87192 & P-2022-86728]**

This pertains to your Memorandum dated August 5, 2022 re the submission on the result of the assessment conducted last April 4-8, 2022 at Snake Island as well as the updates on the periodic technical report on coastal and marine resource assessment and monitoring conducted last CY 2021 to serve as Means of Verification (MoV) of SI-NCMCR.

Please be informed that as per approved Operational Plan and institutional arrangement of Snake Island, the Ecosystems Research and Development Bureau (ERDB), as the lead of the research component of Snake Island, they have been tasked to lead the conduct of annual coastal resource assessment that includes the analysis of data gathered and technical report writing. The SIMO was only tasked to assist in field activity, data collection and pre-processing of data. Hence, only the activity report with photo documentation of the conducted activity is being submitted by SIMO to serve as Means of Verification (MoV). With this, we will furnish you the said technical report once we obtain it from ERDB.

For your information and consideration.


FELIZARDO B. CAYATOC





MEMORANDUM


TO : THE PENR OFFICER
Palawan

ATTENTION : SNAKE ISLAND MANAGEMENT OFFICE

FROM : THE REGIONAL EXECUTIVE DIRECTOR

SUBJECT : COASTAL AND MARINE RESOURCE ASSESSMENT AND
MONITORING OF SNAKE ISLAND NATIONAL COASTAL AND
MARINE CENTER FOR RESEARCH (SINCMCR) FOR CY 2022 [E-
2022-87192 & P-2022-86728]

DENR PENRO
PALAWAN RECORDS
RECEIVED

BY: 
DATE: 08-15-2022 22:7402

DATE : AUG 05 2022

This pertains to your Memoranda dated May 2 and 12, 2022 regarding the above mentioned subject.

Please be informed that the Means of Verification (MoVs) for the coastal and marine resource assessment and monitoring for Snake Island National Coastal and Marine Center for Research (SINCMCR) are activity and technical periodic reports that consist of the result of analysis, interpretation and processing of data on corals, mangroves, seagrass, reef fish, mudflats and soft bottom communities, plankton community and shorebird census and associated fauna assessment.

1. Coral Assessment – Analysis result on the photo transect method conducted for corals processed using - Coral Point Count with Excel extension (CPCe) software and analyzed using the freeware (CPCe V3.6, Kohler and Gill 2006)
2. Seagrass assessment - seagrass monitoring data sheet
3. Mangrove assessment - mangrove assessment data sheet
4. Associated reef fish assessment data sheet gathered through the Fish Visual Census (FVC) method
5. Mudflats/soft bottom community – accomplished Soft bottom habitat assessment

In connection with this, kindly submit report on the result of your assessment conducted last April 4 – 8, 2022 as well as the updates on the periodic technical report on coastal and marine resource assessment and monitoring conducted last CY 2021 to serve as Means of Verification (MoVs) of SINCMCR.


LORMELYN E. CLAUDIO, CESO IV

CDD/CRFMS_JKCW05/19/2022



Department of Environment
and Natural Resources
MIMAROPA Region



Doc ID: 87192



COASTAL AND MARINE RESOURCE ASSESSMENT AND MONITORING 2022 REPORT OF CENRO ROXAS AT SNAKE ISLAND NCMCR

1 message

Snake Island NCMCR <simo.penropal@gmail.com>
To: mimaroparegion@denr.gov.ph, cddmimaropa@gmail.com

Tue, May 17, 2022 at 1:53 AM

Good day!

Sending you the advanced copy of the above-mentioned subject.

For your perusal and comments.

Thank you very much

Snake Island- National Coastal and Marine Center for Research

Conservation and Development Section

DENR PENRO - Palawan

Sta. Monica, Puerto Princesa City

CMRAM AT SNAKE ISLAND NCMCR REPORT OF CENRO ROXAS.pdf
16166K



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

May 12, 2022

MEMORANDUM

FOR : The Regional Executive Director
DENR-MIMAROPA Region
1515 L&S Bldg., Roxas Blvd.
Ermita, Manila

FROM : The Provincial Environment and
Natural Resources Officer

SUBJECT : **COASTAL AND MARINE RESOURCE ASSESSMENT AND
MONITORING 2022 IN SNAKE ISLAND NCMCR, HONDA
BAY, PUERTO PRINCESA CITY**

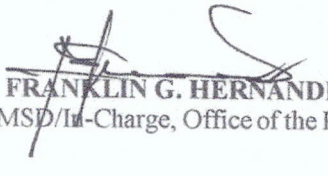
Forwarded is the memorandum dated May 5, 2022 of CENRO Roxas regarding the above-mentioned subject.

As per report, Forest Technical II Karl Aries H. Sumandal, and ECOMS I Jo Annie D. Corvera conducted Fish Visual Census while Forest Technician I Chuckie Y. Aguilos assisted in the conduct of seagrass assessment. Processing of data was also accomplished after the assessment.

This will serve Means of Verification (MoV) for Snake Island NCMCR CY 2022 activities.


For information and record.

"For and in the absence of the PENRO"


FRANKLIN G. HERNANDEZ
Chief MSD/In-Charge, Office of the PENRO



DENR-PALAWAN
PENRO-RECORDS
RELEASED

By 
Date: 17 22 2022
CN 22-1226



DOCUMENT ACTION INFORMATION FORM

Doc. Ref. No.: **2022-3922**

Date and Time received:

05/10/2022 11:17:23 AM

From: **PABLO L. CRUZ**

Document Type: **Memorandums**

CENRO ROXAS, PALAWAN

Subject: **0672 ACTIVITY REPORT ON SNAKE ISLAND COASTAL RESOURCE ASSESSMENT (CENRO ROXAS, PALAWAN)**

Attachment(s): **MEMO DATED 04-11-2022, PHOTO DOCS AND PENRO S.O. DATED 03-1** Earmarked As :

Date:	From:	To:
Action Recommended/Required: <input type="checkbox"/> For Action <input type="checkbox"/> For Review/Recommendation <input type="checkbox"/> For Approval <input type="checkbox"/> For Information, Record and File <input type="checkbox"/> For Disbursement/Payment <input type="checkbox"/> For Indorsement to concerned Party(ies) <input type="checkbox"/> For Official Release <input type="checkbox"/> Return to Payee/Sender <input type="checkbox"/> For Signature		
Processing Time: <input type="checkbox"/> Urgent (w/in the day) <input type="checkbox"/> Priority (w/in 3 days) <input type="checkbox"/> Complex (w/in 7 days or w/in 20 days or shorter) W/in _____ days or shorter		
Other Instruction(s): - your action 5/11/22 1:38 PM		
Date:	From:	To:
Action Recommended/Required: <input checked="" type="checkbox"/> For Action <input type="checkbox"/> For Review/Recommendation <input type="checkbox"/> For Approval <input type="checkbox"/> For Information, Record and File <input type="checkbox"/> For Disbursement/Payment <input type="checkbox"/> For Indorsement to concerned Party(ies) <input type="checkbox"/> For Official Release <input type="checkbox"/> Return to Payee/Sender <input type="checkbox"/> For Signature		
Processing Time: <input checked="" type="checkbox"/> Urgent (w/in the day) <input type="checkbox"/> Priority (w/in 3 days) <input type="checkbox"/> Complex (w/in 7 days or w/in 20 days or shorter) W/in _____ days or shorter		
Other Instruction(s): ✓ M- for your a/a ✓ max		
Date:	From:	To:
Action Recommended/Required: <input type="checkbox"/> For Action <input type="checkbox"/> For Review/Recommendation <input type="checkbox"/> For Approval <input type="checkbox"/> For Information, Record and File <input type="checkbox"/> For Disbursement/Payment <input type="checkbox"/> For Indorsement to concerned Party(ies) <input type="checkbox"/> For Official Release <input type="checkbox"/> Return to Payee/Sender <input type="checkbox"/> For Signature		
Processing Time: <input type="checkbox"/> Urgent (w/in the day) <input type="checkbox"/> Priority (w/in 3 days) <input type="checkbox"/> Complex (w/in 7 days or w/in 20 days or shorter) W/in _____ days or shorter		
Other Instruction(s):		
Date:	From:	To:
Action Recommended/Required: <input type="checkbox"/> For Action <input type="checkbox"/> For Review/Recommendation <input type="checkbox"/> For Approval <input type="checkbox"/> For Information, Record and File <input type="checkbox"/> For Disbursement/Payment <input type="checkbox"/> For Indorsement to concerned Party(ies) <input type="checkbox"/> For Official Release <input type="checkbox"/> Return to Payee/Sender <input type="checkbox"/> For Signature		
Processing Time: <input type="checkbox"/> Urgent (w/in the day) <input type="checkbox"/> Priority (w/in 3 days) <input type="checkbox"/> Complex (w/in 7 days or w/in 20 days or shorter) W/in _____ days or shorter		
Other Instruction(s):		

Printed on 05/10/2022 11:17:44AM Received at: OFFICE OF THE PENRO Received by: ALMINE, ALYSSA



Republic of the Philippines
Department of Environment and Natural Resources
Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Barangay III (Poblacion), Roxas, Palawan
Contact No. 09171606578 / 09175028647
Email address: cenroroxaspalawan@denr.gov.ph

May 5, 2022

MEMORANDUM

TO : Provincial Environment and Natural
Resources Officer
Sta. Monica, Puerto Princesa City


FROM : The Community Environment and Natural
Resources Officer
Roxas, Palawan

**SUBJECT : ACTIVITY REPORT ON SNAKE ISLAND
COASTAL RESOURCE ASSESSMENT**

Respectfully forwarded is the activity report of the Conservation and Development Section (CDS) of CENRO Roxas, Palawan relative to the Snake Island marine resource assessment on April 4-8, 2022 organized by PENRO-CDS. The activity was assisted by the coastal resource team of CDS-CENRO Roxas, FT I Chuckie Y. Aguilos, FT II Karl Aries H. Sumandal and ECOMS I Jo Annie D. Corvera as per PENRO SO No. 2022-030 dated March 17, 2022.

For information and record.


PABLO L. CRUZ
OR

DENR - CENRO ROXAS
RELEASED
DATE: 06 MAY 2022
BY: 
DOC NO. 2022-05-0672

DENR PENRO
PALAWAN RECORDS
RECEIVED

BY: 
DATE: 05-10-2022 22:3922



Republic of the Philippines
Department of Environment and Natural Resources

Region IV- MIMAROPA

COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

Barangay III (Poblacion), Roxas, Palawan

Contact No. 09171606578 / 09175028647

Email address: cenroroxaspalawan@denr.gov.ph

April 11, 2022

MEMORANDUM

FOR : The Community Environment and Natural Resources Officer
THRU : The Chief, Conservation and Development Section
FROM : The Undersigned
SUBJECT : **COASTAL AND MARINE RESOURCE ASSESSMENT AND MONITORING 2022 IN SNAKE ISLAND NCMCR, HONDA BAY, PUERTO PRINCESA CITY**



Please be informed that on April 4-8, 2022, the undersigned assisted in the conduct of coastal and marine resource assessment in Snake Island NCMCR, Honda Bay, Puerto Princesa City, Palawan.

The Snake Island NCMCR conducts annual monitoring and assessment of the coastal and marine resources such as mangroves, seagrasses, corals, fish assemblages and avian community. The said activity was organized by PENRO Conservation Development Section. About 30 DENR staff from Biodiversity Management Bureau, Ecosystems Research and Development Bureau, PENRO, other CENRO CDS staffs and Snake Island NCMCR staffs participated the assessment and monitoring.


The undersigned Karl Aries H. Sumandal, FT II and Jo Annie D. Corvera, ECOMS I conducted Fish Visual Census while Chuckie Y. Aguilos, FT I assisted in the conduct of seagrass assessment. Processing of data was also accomplished after the assessment.

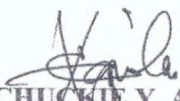
Annual conduct of coastal and marine resources assessments and monitoring is important in the management and conservation and also as advised by ERDB and BMB, to have a quantitative comparison of the said ecosystems in the Snake Island NCMCR especially that the area was also affected by Typhoon Odette.

Please see attached photo documentation.

For information and record.

Prepared by:


KARL ARIES H. SUMANDAL
Forest Technician II


CHUCKIE Y. AGUILOS
Forest Technician I



Republic of the Philippines
Department of Environment and Natural Resources
Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Barangay III (Poblacion), Roxas, Palawan
Contact No. 09171606578 / 09175028647
Email address: cenroroxaspalawan@denr.gov.ph

PHOTO DOCUMENTATION





PHOTO DOCUMENTATION



Geotagged Photos showing the assessment of corals,
fish and seagrasses





17 March 2022

PENRO SPECIAL ORDER

NO. 2022 - 030

Series of 2022

SUBJECT : AUTHORIZING THE PARTICIPATION OF THE FOLLOWING DENR PERSONNEL IN MARINE RESOURCES ASSESSMENT AND MONITORING FOR DRY SEASON 2022 IN SNAKE ISLAND NCMCR ON APRIL 4-8, 2022

In line with the annual monitoring and assessment of the coastal and marine resources such as mangroves, seagrass, coral, fish assemblages, and avian community within Snake Island and as well as to conduct damage assessment caused by Typhoon Odette last December 17, 2021 at Snake Island - National Coastal and Marine Center for Research, the Snake Island Management Office (SIMO) initially assessed the damaged mangroves and corals in Snake Island with an estimated area of 3.5 hectares damaged/felled mangroves and out of 1.75 hectares of snorkeled area, around 75% were damaged. As advised by ERDB and BMB, to have a quantitative comparison of the status of the said ecosystem, before and after Typhoon, it is recommended to assess the established permanent stations for both mangroves and coral reefs. Hence, the following identified DENR personnel are hereby authorized to participate in the aforementioned assessment on April 4-8, 2022 at Snake Island NCMCR.

I. PENRO Palawan

1. Rhodora B. Ubani – CDS Chief / SIMO
2. Genesis Z. Ustares – Marine Biologist II
3. Demi Patricia A. Decena – CMEMP Extension Officer
4. Julius F. Landrito – Data Manager
5. Edilita B. Demonguitan – Research Assistant
6. Jamael B. Masacal – Research Assistant
7. Dionisio A. Mahilum Jr. – Law Enforcement Officer
8. Keven A. Lito – Law Enforcement Officer
9. Orlando S. Baylon – Boat Captain
10. Vincent G. Arcaño – Facilities Maintenance

II. CENRO Roxas

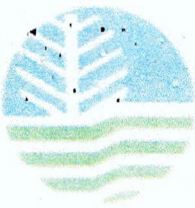
1. Jo Annie D. Corvera – ECOMS I
2. Karl Aries H. Sumandal – Forest Technician II
3. Chuckie Aguilos – Forest Technician I

III. CENRO Taytay

1. Precy Obrique – Forest Technician II
2. Ricardo S. Tandoc – Forest Ranger

IV. CENRO Quezon

1. Jether Manliguez – Forest Protection Officer
2. Jerry P. Bautista – Forest Ranger



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

V. CENRO Puerto Princesa City

1. Ma. Vivian O. Soriano – Senior FCOMS
2. Jessie M. Escandalio – Forester I

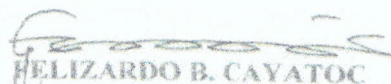
VI. ERDB – five (5) Representatives


VII. BMB – two (2) Representatives

All expenses to be incurred in connection herewith shall be charged against the Snake Island fund, subject to the usual accounting rules and regulations.

This Order takes effect on the date specified above.




HELIZARDO B. CAYATOC
OIC-PENRO


MAR 21 2022

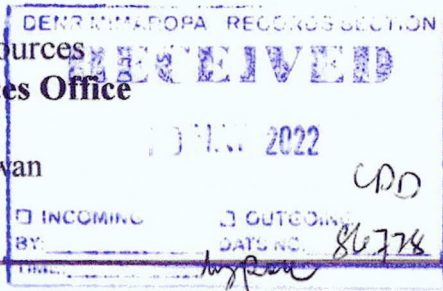


Republic of the Philippines
Department of Environment and Natural Resources
Provincial Environment and Natural Resources Office
MIMAROPA Region

Bgy. Sta. Monica, Puerto Princesa City, Palawan

E-mail: penropalawan@denr.gov.ph

Telfax No. (048) 433-5638 / (048) 433-5638



May 2, 2022

MEMORANDUM

FOR : The Regional Executive Director
DENR-MIMAROPA Region
1515 L&S Bldg., Roxas Blvd.
Ermita, Manila

The Director
Ecosystems Research and Development Bureau
College, Laguna

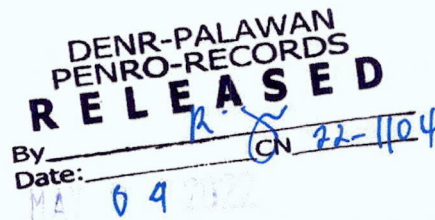
FROM : The Provincial Environment and
Natural Resources Officer

SUBJECT : **REPORT ON THE COASTAL AND MARINE RESORCE
ASSESSMENT AND MONITORING 2022 AT SNAKE ISLAND,
BRGY. MANALO, PUERTO PRINCESA CITY**

Respectfully forwarded the above-mentioned subject that was submitted by City ENRO for the Avian Fauna Community found on the Snake Island. The reported data will be part of the entire Assessment Report conducted last April 4-8, 2022.

For information and further instructions.


FELIZARDO B. CAYATOC





Republic of the Philippines
Department of Environment and Natural Resources
BIODIVERSITY MANAGEMENT BUREAU

Ninoy Aquino Parks and Wildlife Center
Quezon Avenue, Diliman, Quezon City

Tel. Nos.: (632) 924-6031 to 35 Fax: (632) 924-0109, (632) 920-4417
Website: <http://www.bmb.gov.ph> E-mail: bmb@bmb.gov.ph



MEMORANDUM

FOR : The Regional Executive Director
DENR-MIMAROPA

ATTN : PENRO Palawan

FROM : The OIC Director

SUBJECT : **INVITATION TO JOIN THE DRY SEASON MARINE
RESOURCES ASSESSMENT AND MONITORING AT SNAKE
ISLAND AS NATIONAL COASTAL AND MARINE CENTER
FOR RESEARCH**

DATE : MAR 25 2022



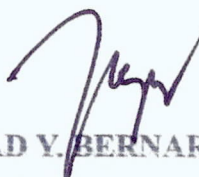
This is in connection with your memorandum dated March 15, 2022 inviting this office to join the Dry Season Marine Resource Assessment on April 4-8, 2022.

Please be informed that the following personnel will join the assessment:

- Lea Avilla- Coral Reef
- Amelia Abecina- Mangrove
- Joseph Ryan Davalos-Seagrass
- Jacqueline Concepcion/ Avifauna

Further, please be informed that we are inviting our accountant to join the team in view of the memorandum from the Financial Management Service (*attached*) endorsing the request for funding support of PENRO Palawan to repair damages caused by Typhoon Odette in Snake Island. This will help us validate damages in the island and assist in determining repair activities that are allowable to be downloaded by this Office.

For your information.

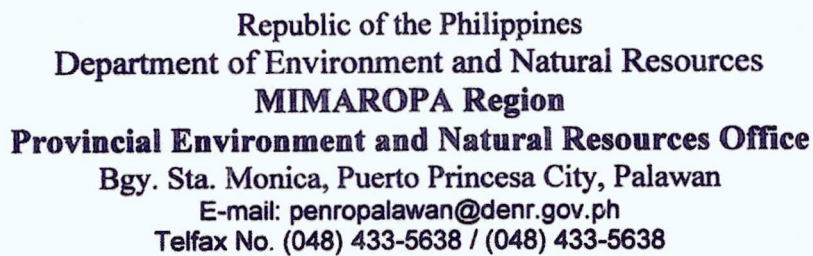

NATIVIDAD Y. BERNARDINO



Republic of the Philippines
Department of Environment and Natural Resources
BIODIVERSITY MANAGEMENT BUREAU




BMB202201175



MEMORANDUM

SUBJECT : INVITATION FOR DENR-BMB PERSONNEL TO JOIN IN THE CONDUCT OF THE DRY SEASON MARINE RESOURCES ASSESSMENT AND MONITORING AT SNAKE ISLAND - NATIONAL COASTAL AND MARINE CENTER FOR RESEARCH


JOHNNY P. LILANG
Chief TSD / In-Charge, Office of the PENRO