



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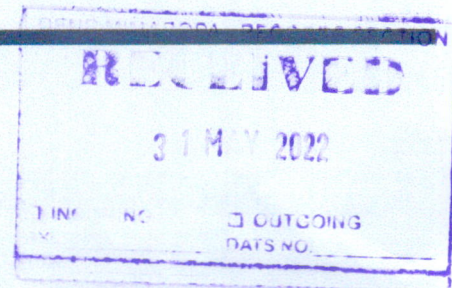
MEMORANDUM

FOR : The Regional Executive Director
DENR Region 2
Regional Government Center, Carig Sur,
Tuguegarao City

FROM : The OIC Director

SUBJECT : **REQUEST FOR THE NATIONAL MENTOR, MS. CHERISH JUNE GALAMAY-HOLONGBAYAN, TO ASSIST IN THE "ROLL-OUT OF NIPAS MPA CAPACITY BUILDING FOR MIMAROPA ON JUNE 7-10 (EXCLUSIVE OF TRAVEL TIME) IN PALAWAN**

DATE : MAY 23 2022



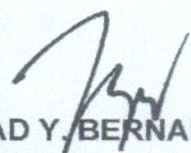
This is in reference to our previously emailed memo dated March 30, 2022 requesting support from the national and/ or cluster mentors for the blended-learning implementation of the NIPAS MPA Capacity Building Program (NIMCAP) for 2022 (*memo attached*).

Please be informed that DENR MIMAROPA Region scheduled a face-to face implementation of the said program on June 7-10, 2022 (exclusive of travel time) in Palawan. Attached for your reference is the email coordination of DENR MIMAROPA and the Draft Regional Special Order indicating the said activity.

In this regard, may we request **Ms. Cherish June Holongbayan**, national mentor per DENR Special Order 2018-534, to provide assistance to BMB in facilitating the said rollout. Plane fare of Mrs. Holongbayan will be facilitated by this office while food and accommodation shall be charged against the DENR MIMAROPA funds.

Ms. Lea Avilla of the Coastal and Marine Division will coordinate with you regarding the details and preparations for this event. You may also wish to contact her at Tel. No. 02 925 8948/ 0977 815 0193 or email: lea.avilla@bmb.gov.ph for further inquiries.

For your information and consideration.


NATIVIDAD Y. BERNARDINO

cc: DENR MIMAROPA



UNITED NATIONS DECADE ON
**ECOSYSTEM
RESTORATION**
2021-2030



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



BMB202202124



MAR 9 0 2022

MEMORANDUM

FOR : The Regional Executive Director
Regions 1,2,3,5,6,7,9,11,13 and NCR

ATTN : NIPAS MPA Pool of Mentors
and Selected Cluster Mentors

FROM : The Assistant Director

SUBJECT : **REQUEST FOR SUPPORT FROM THE NATIONAL AND
CLUSTER MENTOR FOR THE BLENDED-LEARNING
IMPLEMENTATION OF THE NIPAS MPA CAPACITY BUILDING
IMPLEMENTATION FOR 2022**

In connection with the DENR Special Order No. 2018-534 Establishing the NIPAS MPA marine Protected Areas (MPAs) Capacity Building Program's (NIMCAP) National Pool of Mentors and training Modules, the following National Mentors and DENR Personnel are hereby invited to attend the blended learning resource speakers/mentors and facilitators to the series of blended physical and virtual workshop related to the implementation of NIMCAP:

REGION	NAME
1	Augusto Bautista or Representative
2	Cherish June Holongbayan
3	John Leo Holongbayan
5	Ma. Rosa Vida Onrubia
6	Rachel Ann Dequilla
7	Vicente Rustico Calizar
9	Almario Kaabay

11	Ariel Pliego
13	Marife Macalisang
NCR	Justin de Ramos or representative
DENR-PPS	Ma. Leanna Manubag

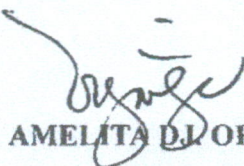
Below are the schedule of activities:

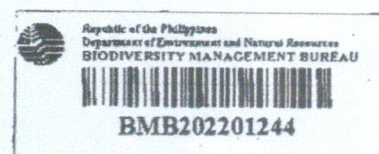
DATE	ACTIVITY	PARTICIPANTS
April 11-12, 2022	Year Starter Preparation Workshop	NIMCAP National Mentors NIMCAP Focal for Regions w/o National Mentors
Q1: April 13, 2022 Q2: June 13-15, 2022 Q3: August 4-5, 2022	Module Translation	NIMCAP national, Cluster and Regional Mentors 2022
December 7-9, 20202222	Year End Assessment and Strategic Planning Workshop	NIMCAP National and Regional Mentors
TBD (dependent to the schedule of the host regions)	Regional NIPAS MPA Capacity Building Implementation for 2022	NIMCAP National Mentors as Resource Speakers

Please be informed that BMB National Mentors will be facilitating and coordinating the request from the regions who will be conducting the NIMCAP activities. Further, in case of face to face setup trainings, BMB will be facilitating plane fare of the identified national mentor who will be assisting the requesting region.

For any clarifications, you may contact Mr. John Erick Avelino/ Ms. Lea Avilla at johnerick.avelino@bmb.gov.ph / lea.avilla@bmb.gov.ph or through 8925-8948.

For your information.


AMELITA D. ORTIZ





Republic of the Philippines
Department of Environment and Natural Resources
Visayas Avenue, Diliman, Quezon City
Tel Nos. (632) 929-66-26 to 29 • (632) 929-62-52
929-66-20 • 929-66-33 to 35
929-70-41 to 43

SPECIAL ORDER
No. 2018-534

JUN 21 2018

SUBJECT: ESTABLISHING THE NIPAS MARINE PROTECTED AREA (MPA) CAPACITY BUILDING PROGRAM'S NATIONAL POOL OF MENTORS AND TRAINING MODULES

In the interest of service and as part of institutionalizing the National Integrated Protected Areas System (NIPAS) Marine Protected Area (MPA) Management Capacity-Building Program of the DENR-BMB, in partnership with the United States Agency for International Development and U.S. National Oceanic and Atmospheric Administration, to improve the competencies of DENR staff in managing the NIPAS MPAs, the NIPAS MPA Capacity-Building Program's National Pool of Mentors and Training Modules are hereby established and the Training Modules are hereby adopted.

The National Pool of Mentors, who have gone through an open and standardized process of selection, upon the recommendation and support of their respective supervisors and home offices, and rigorous training since 2014, shall be permanently composed of the following:

Region	Name
1	Augusto E. Bautista
2	Cherish June G. Galamay
3	John Leo E. Holongbayan
5	Ma. Rosa Vida Onrubia
6	Rachel Ann M. Dequilla
7	Vicente Rustico M. Calizar
9	Almario M. Kaabay, Jr.
11	Ariel R. Pliego
13	Marife J. Macalisang
NCR	Rey M. Aguinaldo
BMB	Lea A. Avilla
BMB	John Erick A. Avelino
BMB	Ma. Leanna Manubag

The National Pool of Mentors shall provide technical assistance to NIPAS MPAs capacity-building activities and respond to requests for training assistance from the different Regional Offices and NIPAS MPAs. They may also assist in establishing regional pool of mentors to assist field offices in capacitating DENR staff and other partners and stakeholders in managing NIPAS MPAs, as may be requested by the DENR Regional Offices.

The Training Modules on Eight (8) Priority Topics of the NIPAS MPA Capacity Building Program, each consisting of (a) participant's hand-outs; (b) worksheets and (c) trainer's presentations and which shall be made available on both paper and electronic copies, are as follows:

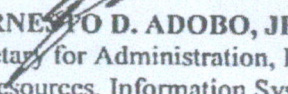
Module	Priority Topic
1	Fundamentals of MPA Management
2	Ocean Processes and Coastal and Marine Ecosystems
3	Sustainable Tourism
4	Climate Change Planning for Coastal and Marine Ecosystems
5	Coastal and Marine Spatial Planning
6	Marine Protected Area Network
7	Assessing Benefits and Threats
8	Damage Assessment, Response, Restoration and Monitoring of Natural Resources

The BMB-CMD shall steer the NIPAS MPA Capacity-Building Program and coordinate any requests from the Regional Offices for training on any of the 7 priority topics for DENR Regional/Provincial and Community and/or NIPAS MPAs management staff as well as make available the Training Modules to the DENR Regional Offices and NIPAS MPAs. The BMB-CMD shall also be in charge of monitoring and evaluating the implementation of the NIPAS MPA Capacity-Building Program, including the progress and impacts of the implementation agreements from training workshops.

Expenses to be incurred in relation to the requested trainings/workshops including local transportation, food and accommodation of the concerned member of the National Pool of Mentors shall be chargeable against the funds of the requesting DENR office, or subject to the agreement with the respective office Mentor, may be charged against such office, subject to usual accounting and auditing rules and regulations

The BMB shall submit to the undersigned a consolidated annual report on the activity through the Human Resource Development Service fifteen (15) days after end of each year.

This Order shall take effect immediately and shall remain in force until revoked in writing.


ATTY. ERNESTO D. ADOBO, JR., CESO I
Undersecretary for Administration, Finance,
Human Resources, Information Systems,
Legal, Legislative Affairs and Anti-Corruption





REGIONAL SPECIAL ORDER

No. _____

Series of 2022

SUBJECT: AUTHORIZING THE CONDUCT OF "ROLL-OUT OF NIPAS MPA CAPACITY BUILDING FOR MIMAROPA REGION" ON JUNE 6-11, 2022 (INCLUDING TRAVEL TIME) AT SUNLIGHT HOTEL, PUERTO PRINCESA CITY, PALAWAN

In the interest of the service and as part of institutionalizing the National Integrated Protected Areas System (NIPAS) Marine Protected Area (MPA) Management Capacity Building Program of the DENR-BMB, the conduct of "Roll-Out of NIPAS MPA Capacity Building for MIMAROPA Region" is hereby authorized on June 6-11, 2022 (including travel time) at Sunlight Hotel, Puerto Princesa City, Palawan.

The following officials and personnel shall attend the program:

NAME

POSITION/DESIGNATION

Regional Office

- | | |
|--------------------------------------|--|
| 1. Maria Melissa L. Endangan | - In-Charge, Office of the Conservation and Development Division |
| 2. Ma. Cecilia G. Sawit | - Development Management Officer III |
| 3. Engr. Ronie E. Alpajaro <i>RM</i> | - Engineer II |
| 4. Fatima Grate | - Development Management Officer I |

PENRO Occidental Mindoro

- | | |
|----------------------------|------------------------|
| 5. Connie E. Pito | - Forester I |
| 6. Vernadette C. Fulgencio | - Forest Technician II |

CENRO Sablayan

- | | |
|-------------------------------|----------------|
| 7. Alvin E. Sanico | - Forester III |
| 8. Josie R. Corpuz <i>LM</i> | - ECOMS I |
| 9. Joseph M. Mateo | - ECOMS I |
| 10. Pedro A. Marmol <i>CM</i> | - ECOMS I |

ARNP-PAMO

- | | |
|---|---------------------------------|
| 11. Krystal Dayne T. Villanada | - Protected Area Superintendent |
| 12. Anna Ritchelle D. Nicanor <i>RM</i> | - SCDO |
| 13. Roberto P. Beringuela | - Park Maintenance Foreman |

PENRO Palawan

14. Rhodora B. Ubani
15. Demi Patricia A. Decena

- Supervising ECOMS
- CMEMP Extension Officer

CENRO PPC

16. Ma. Vivian Obligar-Soriano
17. Jessie M. Escandilio

- Senior ECOMS
- Forester I

Tubbataha Management Office

18. TMO Staff
19. TMO Staff

-
-

CENRO Taytay

20. Analiza R. Marasigan *RM*
21. Timoteo B. Maganaye, Jr.
22. Bienvenido F. Veguilla III

- ECOMS I
- Forest Technician I
- Forest Technician II

ENTMRPA-PAMO

23. Mildred A. Suza
24. Jenuel P. Casel

- Protected Area Superintendent
- Assistant PASu

MSPLS-PAMO

25. Clarissa P. Pador
26. Ricardo S. Tandoc

- Protected Area Superintendent
- Forest Ranger

CENRO Quezon

27. Michelle J. Sebido
28. Arnold Peter Auriño

- ECOMS II
- ECOMS I

RIWS-PAMO

29. Ma. Teresa V. Ayson
30. Nina Liza B. Navanes

- Protected Area Superintendent
- CMEMP Extension Officer

CENRO Brooke's Point; UIGRBS PAMO

31. Franklin M. Aquino
32. Mary Chris A. Ibañez

- Protected Area Superintendent
- Forest Technician I

Snake Island Management Office (SIMO)

33. Genesis Z. Ustares
34. Julius F. Landrito

- Marine Biologist
- Data Manager

CENRO Roxas, Palawan

35. Carolyn A. Esmenda

- Senior Ecosystems Management Specialist

Resource Speakers

36. Lormelyn E. Claudio, CESO IV - Regional Executive Director
37. Maximo C. Landrito - OIC, ARD for Technical Services
38. BMB Resource Speakers/ NIMCAP
National Mentors (3) + 2

Secretariat

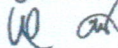
39. John Japheth F. Fabellon - Coastal Extension Officer
40. Regional HRDS Staff (1) -

Food, accommodation and other incidental expenses in connection with the conduct of this event shall be charged against Conservation and Development Division (CDD) funds. However, traveling expenses shall be charged against the respective office funds subject to its availability and the usual accounting and auditing rules and regulations.

Each participant shall submit an Individual Learning Report within seven (7) days after the completion of the learning event to the undersigned through email address: hrdsdenrmimaropa@gmail.com. The Conservation and Development Division (CDD) shall submit a report within fifteen (15) days after the completion of the learning event through channels.

This Order takes effect on the aforementioned dates.

LORMELYN E. CLAUDIO, CESO IV
Regional Executive Director



DENR MIMAROPA Region

Proposed Capacity Building Program: Training Workshop on NIPAS MPA Coastal and Marine Ecosystems Assessment

Description: A training workshop on enhancement of Coastal and Marine Ecosystems Management Program (CMEMP) Implementation, particularly on NIPAS MPA Capacity Building Program (NIMCAP) Regional Implementation and Coastal and Marine Ecosystems monitoring and assessment through the BAMS Technical Bulletins. Supplemental topics for the lecture component will include several topics from the National Modules No. 1 and 2 (i.e. *fundamentals of MPA Management and Marine Ecosystems and Ocean Process*) and BAMS Coastal for Seagrass Mangroves and Corals including Associated fish.

Target Venue:

Lecture - Puerto Princesa City, Palawan

Practicum - SI-NCMCR, PPC, Palawan

Target Dates:

Facilitation Training : May 30-31, 2022 (via Zoom)

NIMCAP Training with BAMS : June 6-11, 2022 (face to face)

Activity Program:

Training Proper

TIME ALLOTMENT	LECTURE / ACTIVITY	
Day 0- (travel Time) June 6, 2022 Monday		
8:00 AM – 5:00 PM	Travel time of Regional Participants	
DAY 1 (Opening Activity; Lecture: Fundamentals)- June 7, 2022 Tuesday		
8:00 AM – 8:30 AM 30 minutes	Preliminaries <ul style="list-style-type: none">• Prayer• National Anthem• Opening Remarks <i>Assistant Regional Director for Technical Services</i>• Keynote Message <i>OIC, Regional Executive Director</i>	Region MIMAROPA host and secretariat
10 minutes	<ul style="list-style-type: none">• Overview of the Activity• Introduction of Participants• Training Structure• Groupings and Team Names• House Rules	Cluster Mentor

Training Workshop on Coastal and Marine Ecosystems Assessment

TIME ALLOTMENT	LECTURE / ACTIVITY	
	Activity Proper	
8:30 AM – 8:50 AM 20 minutes	<p>Introduction to Marine Protected Areas</p> <ul style="list-style-type: none"> • Definition of MPAs • Purposes for and Objectives of MPAs • Differences and Similarities of Marine and Terrestrial Systems and Protected Areas <p>Pop Quiz</p>	Lea Avilla Presentation
8:50 AM – 9:10 AM 20 minutes	<p>Review on the Marine Ecosystems</p> <ul style="list-style-type: none"> • Overview of Several Marine Ecosystems and Habitats <ul style="list-style-type: none"> ◦ Corals, seagrass, mangroves etc • Differences and Similarities of Marine and Terrestrial Systems • Biodiversity & Ecosystem Health • Reproductive Strategies and Life Stages <p>Quiz/ Kahoot:</p>	Chiya
9:10-9:40 AM 30 minutes	<p>Management Approaches</p> <ul style="list-style-type: none"> • Ecosystem-based Management (EBM) • Coastal and Marine Spatial Planning (CMSP) • Integrated Coastal Management (ICM) • Stakeholder Co-Management approaches 	John Erick Avelino (online recorded presentation)
9:40-10:15 AM 35 minutes	<p>EXERCISE 1: Analysis and Application of Different Management Approaches</p> <ol style="list-style-type: none"> 1. With your team, review handout 1.6 to more fully understand the range of management approaches 2. Using Worksheet 1.2 write down the approaches you think might be most suitable for your MPA. 	<p>Regional/ Cluster Mentor</p> <p>printed handout 1.6 and worksheet 1.2 (5 group of 6)</p>

DENR MIMAROPA Region

Training Workshop on Coastal and Marine Ecosystems Assessment

TIME ALLOTMENT	LECTURE / ACTIVITY	
10:15-10:45 AM 30 minutes	Group Presentation (2 groups) Ice breaker	Regional Mentor Regional Mentor
10:45-11:05 AM 20 minutes	PRESENTATION 1.5: Mandates for NIPAS MPAs Overview of a Management Planning Process <ul style="list-style-type: none"> Types of Plans 	SPEAKER: Lea Avilla, National Mentor BMB / recorded presentation
11:05-12:00 NN 40 minutes exercise 15 minutes presentation	EXERCISE 2: Selecting and Ranking Target Resources Targets for Protection <ol style="list-style-type: none"> Draw a map of your MPA With your team, while referring to your maps, complete Worksheet 2.1 identifying targets (biological, physical, economic, cultural) Use ranking criteria to prioritize top target resources 	Regional Mentor Flipchart Worksheet 2.1
12:00-1:00 PM	Lunch Break	
1:00-1:15 PM 15 minutes	Energizer	Regional Mentor
1:15-1:45 PM 20 minutes exercise 10 minutes presentation	EXERCISE 3: Threat Diagrams <ol style="list-style-type: none"> With your teams, work to identify root causes of threats and the associated user groups, remember to reference your maps and use the threat diagram model in Handout 2.3. Think about the "5 Whys" Diagram the threats on a flip chart 	Regional mentor Handout 2.3 Flipchart
1:45-2:15 PM 20 minutes exercise 10 minutes presentation	Exercise 4: Threat Prioritization <ol style="list-style-type: none"> Work in your teams using Worksheet 2.3 to rank each threat and determine the highest priority threats to your target resources. 	Regional mentor Worksheet 2.3

DENR MIMAROPA Region

Training Workshop on Coastal and Marine Ecosystems Assessment

TIME ALLOTMENT	LECTURE / ACTIVITY	
2:15-2:35 PM 30 minutes	Developing Goals and Objectives and Management Strategies <ul style="list-style-type: none"> Differences between goals and objectives Importance of clearly articulated objectives Using objectives and indicators of management effectiveness 	Lea Avilla Recorded/ presentation
2:35-3:05 PM	EXERCISE 5: Identifying Management Strategies and Actions <ol style="list-style-type: none"> With your team, fill out the Management Strategies/Action Worksheet 2.5 from your completed Worksheet 2.4. Worksheet 2.5 will provide some guidance on the range of possibilities, based on different approaches to addressing impacts from human behavior. 	Regional mentor Worksheet 2.4 Worksheet 2.5
3:05-3:20 PM	Health Break / Energizer	
3:20-4:00 PM	EXERCISE 6: Management Planning Model <ol style="list-style-type: none"> Work with your team to see if each of the proposed strategies are addressing the stated problem (threat) and meeting the management objectives established for each target resource by working them through Poster 2.1 	Regional Mentor Poster 2.1
4:00-4:15 PM 15 Minutes	Implementation Agreement	Cluster Mentor
4:15 PM – 4:40 PM 20 Minutes	Daily Evaluation and Debriefing	National, cluster and Regional cluster
DAY 2 (Lecture) -June 8, 2022 Wednesday		
8:00 AM – 8:10 AM 10 minutes	Roll-Call of Participants House Rules	Day 2 Host/ Secretariat
8:10 AM – 8:40 AM 30 minutes	Recap of Day 1	Regional Mentor

DENR MIMAROPA Region

Training Workshop on Coastal and Marine Ecosystems Assessment

TIME ALLOTMENT	LECTURE / ACTIVITY	
8:40-8:50 AM 10 minutes	Energizer: Photo exercise: What's in the picture ☐ ENERGIZER: What's in the Picture	Regional Mentor PPT Presentation
8:50-9:30 AM 40 minutes	Oceanographic Processes <ul style="list-style-type: none"> • Ocean Motion <ul style="list-style-type: none"> - Characteristics of Waves and Surf - Tidal Motion - Ocean Circulation - Transport Mechanics - Chemicals and physical properties of the ocean 	Leo
9:30-10:10 AM 30 minutes break out 10 minutes presentation	Group Exercise 1: It's All in the Data <ul style="list-style-type: none"> • Using Flipchart and sticky notes, teams will review a graphical depiction of some of the chemical and physical properties. • Teams will then indicate the patterns they expect various properties to have on a schematic of the coastal/open ocean area. • Properties include suspended solids, nutrients, dissolved oxygen, temperature, amount of sunlight, pressure, and chlorophyll, salinity. • Finally, teams will consider how these various parameters may affect organisms. • Teams then present to the entire group. <i>Objective: Review of data to better understand the basic chemical and physical properties of the marine environment.</i>	Regional mentor Flip chart/ Poster and sticky notes For 5 groups
10:10-10:30 AM 20 minutes	Issues Affecting Watershed Function and Coastal and Marine Ecosystem Health <ul style="list-style-type: none"> • Potential pollutants • Land use activities 	John Leo Holongbayan/ recorded presentation


DENR MIMAROPA Region

Training Workshop on Coastal and Marine Ecosystems Assessment

TIME ALLOTMENT	LECTURE / ACTIVITY	
	<ul style="list-style-type: none"> Climate change Cumulative Effects 	
10-30-11:15 AM 30 minutes 15 minutes presentation	Exercise 2: Using Maps and Aerial Photographs (Google Earth) <ul style="list-style-type: none"> Using Printed Maps as a collaborative medium for participants, teams will analyze topographical maps of the watershed to identify as many features as possible. With the use of sticky notes and icons, participants will identify the habitat types and development types in the watershed. Teams then present to the entire group. <p>Objective: Introduce the different types of land cover in the watershed and determine how to identify land cover, land use activities and other features on aerial and topographic maps.</p>	Regional Mentor Printed google Maps of respective PAs
11:15-11:35 AM 20 minutes	Marine Inverts and Linkages to You and Your Community <ul style="list-style-type: none"> Seagrass, Corals, and Mangrove Communities <ul style="list-style-type: none"> Who Lives There and Why? Benefits to the People 	Lea Avilla
11:35-12:00 NN 35 minutes	Exercise: Constructing a Food Web – Understanding the Linkages–using <i>Objective: Understanding the marine organism and their role in the food web.</i>	Regional Mentor Flip chart
12:00 PM – 1:00 PM 1 hour	Lunch Break	
1:00-1:10 PM 10 minutes	Energizer/ Exercise Kahoot Link: Eafc3-4d61-b598-42152836de69	Regional Mentor

DENR MIMAROPA Region

Training Workshop on Coastal and Marine Ecosystems Assessment

TIME ALLOTMENT	LECTURE / ACTIVITY	
	https://create.kahoot.it/collection/a99fcfc1-	
1:10-1:50 PM 40 minutes	Biology of Marine Fish <i>Objective: To understand the relationship between form and movement and its relation to feeding and adaptations</i> <ul style="list-style-type: none"> Fish Form and Movement <ul style="list-style-type: none"> General Body Shapes Fin Structures 	Chiya
1:50-2:20 PM 20 minutes	Energizer : Fish Jeopardy mini games (Plenary):  Fish Jeopardy_Virtual Exercise_MEO...	Regional mentor Ppt presentation
2:20-3:00 PM 30 minutes 10 minutes presentation	Exercise 3: Mural Life cycle and Favorite Fish Activity <i>Objective: To understand fish life cycle and the role of the different coastal and marine habitat.</i>	Regional mentor Poster/ Sticky notes
3:00-3:30 PM 30 minutes	Marine Reserves and Spill-over <ul style="list-style-type: none"> What is spillover? How marine reserves affect populations Targets Resources and Threats: Beginning the monitoring for your MPA <i>Objective: To understand how marine reserves contribute to sustainable fisheries.</i>	Chiya recorded presentation
3:30-4: 15 PM 30 minutes 15 minutes presentation	Exercise 4: Benefits of Marine Protected Areas Reserves and Biological Factors <ul style="list-style-type: none"> Difference that MPA will provide to the the life cycle of the fishes and other benefit 	Regional Mentor worksheet
4:15-4:35 PM 20 minutes	Overview of MPA Network Establishment and Strengthening Component under CMEMP <ul style="list-style-type: none"> Open Forum 	Elds (online/ recorded video)

DENR MIMAROPA Region
Training Workshop on Coastal and Marine Ecosystems Assessment

TIME ALLOTMENT	LECTURE / ACTIVITY	
4:35-4:45 PM 10 minutes	POP Quiz	
4:45-5:00 PM 15 Minutes	Implementation Agreement	Cluster Mentor
4:00 PM – 4:20 PM 20 Minutes	Daily Evaluation and Debriefing	National, cluster and Regional cluster
DAY 3 (COASTAL BAMS Lecture)-June 9, 2022 Thursday		
8:00 AM – 8:10 AM 10 minutes	Roll-Call of Participants House Rules	Day 2 Host/ Secretariat
8:10 AM – 8:30 AM 20 minutes	Recap of Day 1	Regional Mentor
8:20 – 8:40 AM 20 minutes	Overview of Coastal and Marine Ecosystems Assessment <ul style="list-style-type: none"> • Rationale • Objectives of the Assessments • Relevance to the Management Approach <ul style="list-style-type: none"> - Ecosystem-Based Management 	Lea
8:40 – 10:10 AM 1 hour and 30 minutes	Coastal and Marine Ecosystems Assessment Coral Reef Monitoring and Reef Fish Visual Census <ul style="list-style-type: none"> • Guidelines and Methodologies for Implementation (Reorientation of the Technical Bulletin 2017-05 and Technical Bulletin 2019-04) For corals: <ul style="list-style-type: none"> - Hard Coral Cover (HCC) - Coral Generic Diversity For reef fish community <ul style="list-style-type: none"> - Fish Visual Census (FVC) - Reef Fish Identification • Open Forum and Consultation 	Sia (online) lecture via zoom
10:10-10:30 AM 20 minutes	Exercise 1: Case Study on site selection	Lea Avilla

DENR MIMAROPA Region

Training Workshop on Coastal and Marine Ecosystems Assessment

TIME ALLOTMENT	LECTURE / ACTIVITY	
	<p><i>Objective: To understand how to identify monitoring stations base on presence of true reefs, evaluate number of stations per stratum and replicates.</i></p>	PENRO Palawan/ Ms. Carol Esmenda wt
10:30 AM – 12:00 PM 1 hour and 30 minutes	<p>Coastal and Marine Ecosystems Assessment Seagrass Monitoring</p> <ul style="list-style-type: none"> Guidelines and Methodologies for Implementation (Reorientation of the Technical Bulletin 2017-05 and Technical Bulletin 2019-04) Seagrass Species Identification Open Forum and Consultation 	<p>Michael Cornito BMB-CMD</p> <p>and Cherish Galamay</p>
12:00-1:00 PM	Lunch Break	
1:00 PM – 1:30 PM 30 minutes	<p>Exercise 2: Sea grass familiarization</p> <p><i>Objective: To understand how marine reserves contribute to sustainable fisheries.</i></p>	<p>Michael Cornito BMB-CMD</p>
1:30-2:30 PM 1 hour	<p>Coastal and Marine Ecosystems Assessment Mangrove Assessment</p> <ul style="list-style-type: none"> Guidelines and Methodologies for Implementation (Reorientation of the Technical Bulletin 2017-05 and Technical Bulletin 2019-04) Mangrove Species Identification Open Forum and Consultation 	<p>Charles Louie Evangelista (online)</p> <p>with PENRO Palawan (CENRO Taytay)</p>
2:30-3:00 PM	<p>Exercise 2: Mangrove Identification</p> <p><i>Objective: To understand how marine reserves contribute to sustainable fisheries.</i></p>	Charles Evangelista

DENR MIMAROPA Region

Training Workshop on Coastal and Marine Ecosystems Assessment

TIME ALLOTMENT	LECTURE / ACTIVITY	
3:00-3:15 PM PM 1 hour	Health Break / Ice Breaker	
3:15 PM – 4:00 PM 45 minutes	Reporting for the Coastal and Marine Ecosystems Assessment <ul style="list-style-type: none"> Standardized template for reporting <ul style="list-style-type: none"> Matrix for reporting of data / results Open Forum and Consultation 	Lea Avilla
4:00 PM – 4:45 PM 45 minutes	Orientation for the Practicum (to be conducted on Day 3) <ul style="list-style-type: none"> Overview of the Practicum activity Groupings and announcements 	CDD MIMAROPA
DAY 4 (BAMS Practicum and Processin) June 10, 2022 Friday		
6:00 AM – 7:00 AM 1 hour	Travel to Snake Island – National Coastal and Marine Center for Research	
7:00 AM – 7:30 AM 30 minutes	Breakfast	
7:30 AM – 12:00 NN 4 hours and 30 minutes	Practicum Proper Mangrove Assessment Practicum Proper Seagrass Monitoring Practicum Proper Coral Reef Monitoring	
12:00 PM – 1:00 PM 1 hour	Lunch Break	
1:00-4:00 PM 3 hours	Data Analysis and Presentation of Data	
4:00-5:00 PM	Travel back to Puerto Princesa	
5:00-6:00 PM	Rest / Preparation for Closing Ceremony/ Dinner	

DENR MIMAROPA Region**Training Workshop on Coastal and Marine Ecosystems Assessment**

TIME ALLOTMENT	LECTURE / ACTIVITY	
6:00 PM – 6:30 PM 20 minutes	Jeopardy Games/ Final Quiz	
6:30-7:15 PM 45 minutes	Awarding of Certificate of Participation to Participants Photo Documentation Closing Remarks Chief, Coastal Resources and Foreshore Management Section	
DAY 5: Travel back : June 11, 2022 Saturday		
8:00 AM – 5:00 PM	Travel Back to Respective Stations	