

**TRAINING ON THE IDENTIFICATION AND DESIGNATION OF MANAGEMENT ZONES
OF PROTECTED AREAS UNDER THE NATIONAL INTEGRATED
PROTECTED AREAS SYSTEM**

Luzon and Visayas Cluster

3-8 July 2022 (inclusive of travel time)

Leisure Coast Resort, Dagupan City, Pangasinan

ADVISORY TO THE PARTICIPANTS

1. Schedule and Venue

The Training will be held from 3-8 July 2022 (inclusive of travel time) in Leisure Coast Resort, Dagupan City, Pangasinan. A location map of the venue is attached.

The participants are advised to arrive at the venue on 3 July 2022 and depart on 8 July 2022. Check-in will be at 2:00 PM of 3 July 2022 while check-out will be at 12:00 NN on 8 July 2022.

Transport to and from the Venue

Participants from Regions 1, 2, 3, and CAR are advised to proceed directly to the venue on 3 July 2022. For participants from Regions 5, 7, 8 and MIMAROPA, the BMB will provide service vehicles to ferry participants from the Ninoy Aquino Parks and Wildlife Center to the venue on 3 July 2022 at 1:00 PM. Likewise, service vehicles will be provided on 8 December 2022 to ferry the participants from the venue to the Ninoy Aquino Parks and Wildlife Center. The service vehicle will leave the venue at 8:00 AM. Participants are advised to consider these schedules in booking their flights/trip from and to their home regions.

Participants who want to avail of the shuttle service should inform the Secretariat thru the contact persons/numbers/email address provided in Item 9.

2. Program of Activities

The Program of Activities is attached for reference of the participants. The Training will be composed of a two-day hands-on GIS exercises on 4-5 July 2022 and one-day field validation in Manleluag Spring Protected Landscape (MSPL) on 6 July 2022. Reporting of identified management zones will be conducted on the last day of the Training on 7 July 2022.

3. Participants

Expected to participate in the Roll-out are the following:

Region	Participants
CAR	GIS Specialist from the Regional Office
Region 1	GIS Specialist from the Regional Office

Region 2	Protected Area Superintendents (PASu) and GIS Specialists of Batanes PLS, Casecnan PLS and Salinas NM
Region 3	GIS Specialist from the Regional Office
MIMAROPA	GIS Specialist from the Regional Office
Region 5	Protected Area Superintendents (PASu) and GIS Specialists of Mt. Isarog NP, Malabungot PL and Catanduanes NP
Region 7	Protected Area Superintendent (PASu) and GIS Specialists of Apo Island PLS
Region 8	Protected Area Superintendent (PASu) and GIS Specialists of Cuatro Islas PLS

3. Workshop Kits

Participants are **requested to bring their own laptop computer capable of running GIS software, USB/external drives, extension wires and DENR Anti-Red Tape Act (ARTA) Identification Card**. The Secretariat will not issue ID Cards.

The respective Protected Area Management Offices are advised to prepare the primary and secondary thematic/spatial datasets in identifying and designating Strict Protection Zone (SPZ) and Multiple Use Zone (MUZ) based on BMB Memorandum dated 6 February 2020 (***Attached***).

For protected areas covering coastal and marine ecosystems, the following data should be prepared:

- a. Bathymetry data
- b. Navigational lane (marine vessels)
- c. Existing ecotourism site
- d. Existing mariculture areas
- e. Existing SAPA areas
- f. Diving site
- g. Marine mammals' migration pattern
- h. Spawning grounds, and
- i. Other relevant data

4. Travel and Transportation

All transportation and traveling expenses of the participants from the field offices to and from the venue shall be charged to their respective Offices.

5. Confirmation of Attendance

Participants are required to confirm their attendance by accomplishing the attached Confirmation Slip **on or before 23 June 2022** and submit the accomplished form to the National Parks Division through e-mail at npd@bmb.gov.ph. Submission of Confirmation Slip will be the basis for the reservation of hotel accommodation.

6. Attire

Participants are advised to wear casual and comfortable clothes for the duration of the event. For the field validation in Manleluag Spring Protected Landscape on 6 July 2022, participants are advised to wear proper field attire.

7. Meals

Meals and snacks will be served at regular intervals based on the Program of Activities. Food and drinks requested separately in addition to the regular meals will be charged to the personal account of the participants.

8. Incidentals and Other Administrative Arrangements

Incidentals such as room service, laundry, in-house phone calls, mini-bar drinks, etc. will be charged to the personal account of the participant and must be settled before checking out. Participants are strictly advised to adhere to hotel policies to avoid inconvenience. The Biodiversity Management Bureau will not be responsible for any unsettled accounts incurred by the participants.

9. Additional Information and Queries

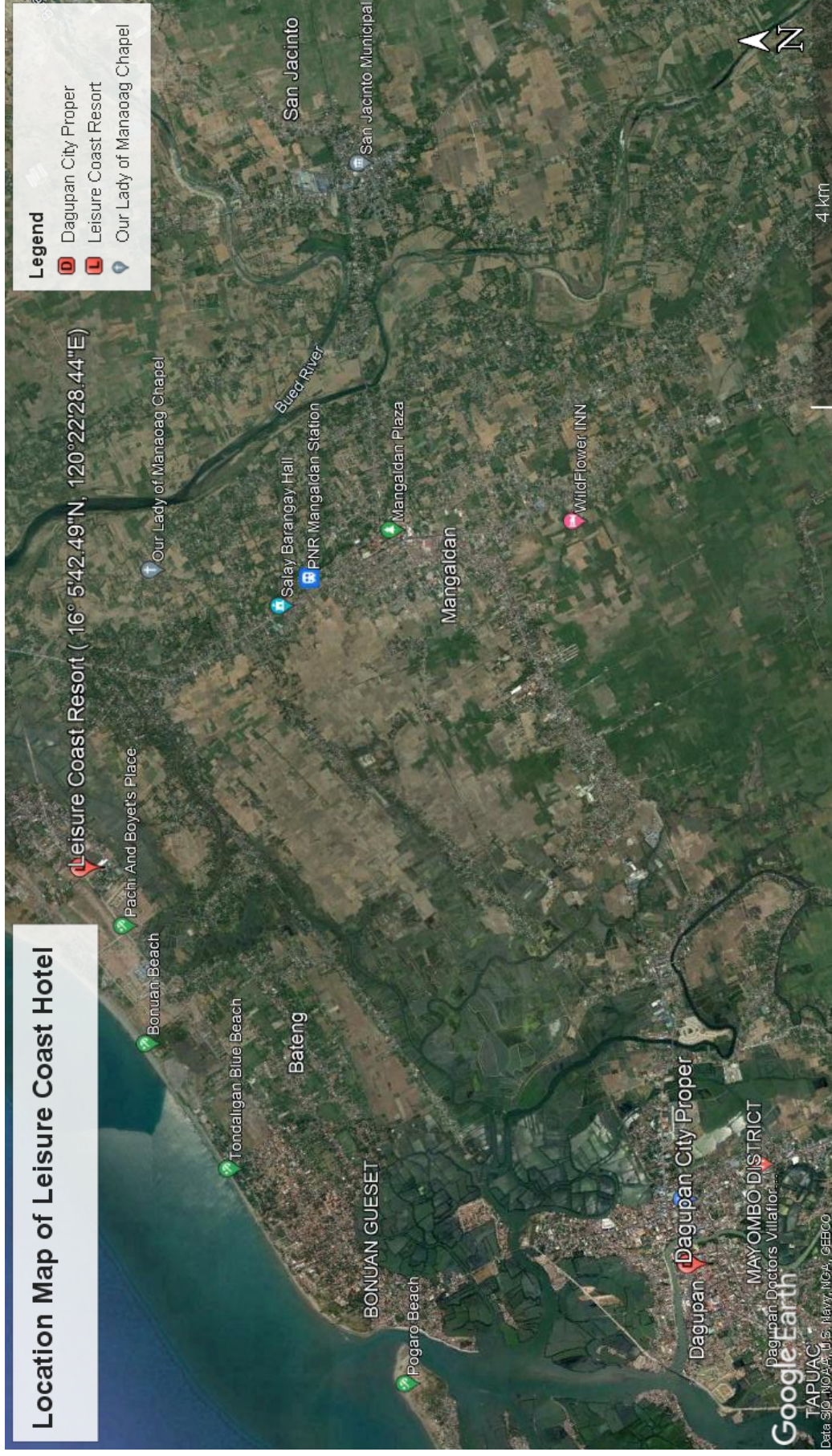
For further queries or additional information, please contact **Mr. Daniel S. Garino Jr.** or **Ms. Maria Gabrielle Jacob** of the National Parks Division at **(02) 8925-8947** or at npd@bmb.gov.ph.

Location Map of Leisure Coast Hotel

Leisure Coast Resort (16° 5'42.49"N, 120°22'28.44"E)

Legend

- Dagupan City Proper
- Leisure Coast Resort
- Our Lady of Manaoag Chapel



Program of Activities

TRAINING ON THE IDENTIFICATION AND DESIGNATION OF MANAGEMENT ZONES OF PROTECTED AREAS UNDER THE NIPAS

July 3 – July 8, 2022 (Luzon and Visayas Cluster)

DAY	TIME	ACTIVITY	RESPONSIBLE PERSON
July 3, 2022		<i>Arrival of Participants</i>	
July 4, 2022	8:00AM	<i>Start of the Training Proper</i>	
		<i>Morning Session:</i>	
		Opening Program <ul style="list-style-type: none"> • National Anthem • Prayer • Opening Remarks • Introduction of Participants 	Video Presentation (c/o National Parks Division, BMB)
		Presentation of the Guidelines and Mechanics of the Training	Ms. Maria Gabrielle J. Jacob
		Presentation on Protected Area Management Plan (PAMP)	Mr. Daniel S. Garino, Jr.
	12:00PM – 1:00PM	Presentation of BMB Technical Bulletin No. 2018-01 “Clarifying the Procedures in the Identification, Designation and Delineation of Management Zones of Protected Areas under the National Integrated Protected Areas System (NIPAS)”	Mr. Francisco B. Feliciano
		Presentation of the Template Presentation on the Management Zones of Protected Areas for the Region	Ms. Jennelyn A. Ramos
		Distribution of Data	Ms. Maria Gabrielle J. Jacob
	12:00PM – 1:00PM	<i>LUNCH BREAK</i>	

	1:00PM onwards	<i>Afternoon Session:</i> Start of Data Processing and Analysis of Pre-determined Management Zones	Mr. Francisco B. Feliciano BMB Action Officers from National Parks Division (NPD), Coastal and Marine Division (CMD) and Biodiversity Policy and Knowledge Management Division (BPKMD)
July 5, 2022	8:00AM 12:00PM – 1:00PM 1:00PM onwards	Continuation of Data Processing and Analysis of Pre-determined Management Zones <i>LUNCH BREAK</i> Continuation of Data Processing and Analysis of Pre-determined Management Zones	Mr. Francisco B. Feliciano & BMB Action Officers from NPD, CMD, and BPKMD
July 6, 2022	TBA	Field Work (Random sampling for Multiple-Use Zone and Strict Protection Zone) Reconciliation, Rectification, Modification, and Finalization of Results based from Field Validation	BMB Action Officers (Lead: Mr. Daniel S. Garino, Jr.)
July 7, 2022	8:00AM – 12:00PM 12:00PM – 1:00PM 1:00PM onwards	<i>Morning Session:</i> Presentation of Outputs <i>LUNCH BREAK</i> <i>Afternoon Session:</i> Presentation of Outputs Synthesis and Ways Forward Closing Remarks/Program	
July 8, 2022		<i>Departure (after Breakfast)</i>	



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

FEB 06 2020

MEMORANDUM

FOR/TO : The Regional Executive Directors
DENR Regions I – XIII, NCR, CAR, CALABARZON, and MIMAROPA

FROM : The OIC, Assistant Secretary for Climate Change and BMB Director
in Concurrent Capacity

SUBJECT : **PRESCRIBED PRIMARY AND SECONDARY THEMATIC DATASETS
FOR THE PREPARATION OR UPDATING OF MANAGEMENT
ZONES OF PROTECTED AREAS**

This pertains to the on-going review of management plans of various protected areas recently submitted to the Bureau. It should be noted that the Bureau issued the following Technical Bulletins as reference and guide in the preparation and/or updating of the management plans of protected areas:

1. Technical Bulletin No. 2016-08 entitled "Clarifying the Protected Area Management Planning Process and Providing the Annotated Outline for Protected Area Management Plans";
2. Technical Bulletin No. 2017-08 entitled "Providing the Checklist for the Review of Protected Area Management Plans"; and
3. Technical Bulletin No. 2018-01 entitled "Clarifying the Procedures in the Identification, Designation and Delineation of Management Zones of Protected Areas under the National Integrated Protected Areas System".

However, this Office observed that the above-mentioned issuances were not consistently followed in the preparation nor in the updating of the management plans of protected areas under your respective jurisdiction. Please note that the identification and designation of management zones is embedded in the management plan and should not therefore be submitted separately to the Bureau. This is specifically clarified in the series of learning events that the Bureau conducted in 2017 and 2018 which were participated in by technical staff of CENR, PENR and Regional Offices.

It was also observed that the data sets which have been used in the identification and designation of management zones were already outdated and incomplete. This was particularly noted during the ground validation in 2019 of the BMB Team that looked into the location of Multiple Use Zone in a certain protected area relative to the application of SAPA.

In this regard, you are required to consider the following spatial datasets in identifying and designating the SPZ and MUZ of protected areas:

1. 2015 or latest available Land Cover from NAMRIA;
2. Normalized Difference Vegetation Index (NDVI) data processed and generated from the latest LANDSAT 8OLI 30-m image
3. Burn-ratio data processed and generated from the latest LANDSAT 8OLI 30-m image
4. Slope and elevation data processed and generated from IFSAR (5-meter) Data from NAMRIA;
5. Geologic and Geohazard (landslide, flood etc.) profile from Mines and Geosciences Bureau and other areas set as Permanent Danger Zones;
6. Soil (Land Capability Class) profile from Bureau of Soils and Water Management of Department of Agriculture;
7. Climate Type (Modified Corona's Climate Classification) from PAG-ASA;
8. Road Networks from Open Street Map (OSM) and River System from DOST Phil-LiDaR Philippine Hydrologic Dataset Component;
9. Land Classification
10. Certificate of Ancestral Domain Titles (CADTs) and Certificate of Ancestral Land Titles (CALT) from National Commission on Indigenous People (NCIP)
11. Existing Mining Operations/Mineral Reservations
12. Caves (assessed and classified)
13. Nesting, breeding, feeding grounds of Keystone Species

Aside from these spatial information, the following primary data must also be incorporated in the updating of management zones:

1. Results of BAMS;
2. Results of SEAMS/SRPAO;
3. Tenured Areas (such as PACBRMA, CBFMA etc.);
4. Other Existing Projects (National Greening Program etc.);
5. Ecotourism sites (existing and proposed);
6. Existing infrastructures such as NGCP sites;
7. Other relevant datasets;

Further, please be advised that updating of management zones must be applied to the entirety of any protected area regardless of its watershed boundaries or administrative jurisdictions. This will ensure that zoning is integrated, holistic, and takes into account the protection and continuity of critical habitats and ecological corridors.

Finally, your Office thru the PAMO, should as soon as possible conduct assessments of impacts to the biodiversity and ecosystem services of natural and geological phenomena such as typhoons, volcanic eruptions and forest fires, among others, and submit updates/reports thereon to this Office.

For immediate and strict compliance.


RICARDO L. CALDERON, CESO III

CC:
Provincial Environment and Natural Resources Officers
Community Environment and Natural Resources Officers
Protected Area Superintendents

