

262

R413



Republic of the Philippines  
Department of Environment and Natural Resources  
**BIODIVERSITY MANAGEMENT BUREAU**  
Ninoy Aquino Parks and Wildlife Center, Quezon Avenue, Dillman, 1100 Quezon City  
Tel. Nos.: (632) 8924-6031 to 35 | Fax: (632) 8924-0109, (632) 8920-4417  
Website: <https://bmb.gov.ph> | E-mail Address: [bmb@bmb.gov.ph](mailto:bmb@bmb.gov.ph)

**DENR MIMAROPA  
RECORDS SECTION  
RECEIVED**  
FEB 07 2023  
**FEB 10 2023**  
☐ INCOMING ☐ OUTGOING  
BY: \_\_\_\_\_ DATE NO. \_\_\_\_\_  
TIME: \_\_\_\_\_

**MEMORANDUM**

**FOR :** The Regional Executive Director  
DENR Regions 1 to 13, CAR and NCR,

**FROM :** The Director, In concurrent capacity as Assistant Secretary for  
Policy, Planning and Foreign-Assisted and Special Projects

**SUBJECT :** **REQUEST FOR VECTOR FILES (IN SHAPEFILE FORMAT) OF  
APPROVED PROTECTED AREA MANAGEMENT ZONES**

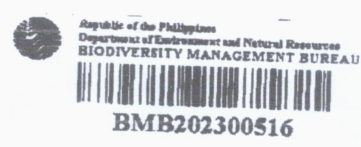
Pursuant to Rule 9.5 of DAO 2019-05 or the IRR of the RA 11038 or the ENIPAS Act of 2018 which provides that *"Zoning shall be implemented in all protected areas as a strategy to effectively manage the ecosystems and landscapes/seascapes therein, in accordance with the objectives and principles of biodiversity conservation and sustainable development. The protected area shall be divided into Strict Protection Zones and Multiple Use Zones"* and following the results of the training conducted for the Identification and Designation of Management Zones of Protected Areas under the NIPAS on 28 March - 6 April, 2022 (Mindanao cluster) and 03- 08 July 2022 (Luzon and Visayas cluster), may we request copy of data in vector files (shape files) of management zones of your respective protected areas with Protected Area Management Plan (PAMP) with the following attributes:

Management Zones	Area (ha)	% coverage
Strict Protection Zone		
Multiple Use Zone		

In addition, kindly provide also all the spatial datasets used based on our Memorandum dated 6 February 2020 with subject "Prescribed Primary and Secondary Thematic Datasets for the Preparation or Updating of Management Zones of Protected Areas" and 18 February 2020 with subject "Prescribed Map Template for the Designated Management Zones of Protected Areas under the NIPAS", copies of these Memoranda are attached for your ready reference.

Kindly upload the above-mentioned data and spatial datasets through this link <https://bit.ly/PAMZones>.

For appropriate action.



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

**MARCIAL C. AMARO JR.**





## MEMORANDUM

**FOR/TO :** The Regional Executive Directors  
DENR Region I to XIII, CAR, NCR, CALABARZON and MIMAROPA

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

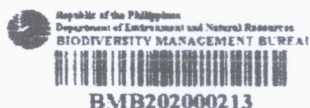
**SUBJECT :** **PRESCRIBED MAP TEMPLATE FOR THE DESIGNATED  
MANAGEMENT ZONES OF PROTECTED AREAS UNDER THE  
NATIONAL INTEGRATED PROTECTED AREAS SYSTEM (NIPAS)**

This has reference to the on-going review of management plans of various protected areas submitted to the Bureau in line with the requirements of the NIPAS Act, as amended by the ENIPAS Act. The Bureau issued 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" to provide the standards for the management zoning of protected areas. However, we observed that there is no uniformity in map representation of designated management zones of protected areas.

In this regard, we are providing the following prescriptions and template for the map representation of management zones of protected areas whether terrestrial, marine or inland wetlands:

1. Multiple Use Zones (MUZs) should be indicated using the color "Seville Orange";
2. Strict Protection Zones (SPZs) should be colored "Dark Navy";
3. Transparency of the vector file should be set at forty percent (40%);
4. Location of management zones should be compliant with the requirements and procedures provided in BMB Technical Bulletin No. 2018-01;
5. The map showing the location of MUZs and SPZs should be attached as one of the annexes and thoroughly discussed in the Protected Area Management Plan as basis for identifying the prescriptions and standards as well as regulations that should be implemented in the protected area. For the content of the Management Plans, please be guided by BMB Technical Bulletin No. 2016-08 entitled "Clarifying the Protected Area Management Planning Process and Providing the Annotated Outline for Protected Area Management Plans".

For immediate and strict compliance.



  
RICARDO L. CALDERON





## 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

