

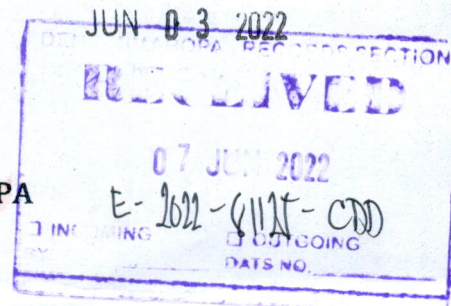


MEMORANDUM

FOR : The Regional Executive Director
DENR Regions 1, 2, 3, 5, 7, 8, CAR and MIMAROPA

FROM : The OIC, Director

SUBJECT : **TRAINING ON THE IDENTIFICATION AND DESIGNATION OF MANAGEMENT ZONES OF PROTECTED AREAS UNDER THE NIPAS FOR LUZON AND VISAYAS ON 3-8 JULY 2022**



This refers to DENR Special Order No. 2022-141, "Authorizing the Conduct of the Training on the Identification and Designation of Management Zones of Protected Areas Under the NIPAS". We are pleased to inform you that the training for the Luzon and Visayas will be conducted on 3-8 July 2022 in Dagupan City, Pangasinan.

The following are invited to attend the said training:

CAR	
GIS Specialist (Regional Office)	Ms. Maegan Kitong-Ayochoc
REGION 1	
GIS Specialist (Regional Office)	Mr. Ferdinand Nalupa
REGION 2	
Protected Area Superintendent	
Batanes Protected Landscape and Seascape	Mr. Samuel P. Telan
Casecnan Protected Landscape	Mr. Junny Vic M. Andaya
Salinas Natural Monument	Mr. Danilo N. Gapasin
GIS Specialist (Protected Areas)	
Batanes Protected Landscape and Seascape	Mr. Arjay S. Banan
Casecnan Protected Landscape	Mr. Giovanni P. Padilla
Salinas Natural Monument	Mr. John Michael Tuazon
REGION 3	
GIS Specialist (Regional Office)	Mr. Emmanuel B. Penson, Jr.
MIMAROPA	
GIS Specialist (Regional Office)	Mr. Allen M. Ablang
REGION 5	
Protected Area Superintendent	
Mt. Isarog Natural Park	Mr. Bonifacio D. Azor
Malabungot Protected Landscape	Mr. Marco V. Navarroza
Catanduanes Natural Park	Ms. Editha A. Milan
GIS Specialist (Protected Areas)	
Mt. Isarog Natural Park	Ms. Eunice Joy P. Tayaban
Malabungot Protected Landscape	Mr. Jomar D. Quides
Catanduanes Natural Park	Mr. Mark Dennis G. Furton

REGION 7	
Protected Area Superintendent	
Apo Island Protected Landscape and Seascape	Mr. Moreno S. Tagra
GIS Specialist (Protected Areas)	
Apo Island Protected Landscape and Seascape	Mr. Alvin Balagasiyao
REGION 8	
Protected Area Superintendent	
Cuatro Islas Protected Landscape and Seascape	Mr. John Patrick Cadiz
GIS Specialist (Protected Areas)	
Cuatro Islas Protected Landscape and Seascape	Mr. Gemini Managbanag

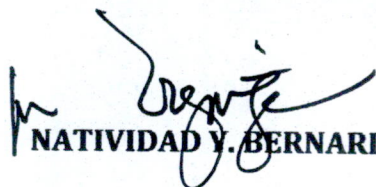
In preparation for the training, may we request the respective Protected Area Management Offices (PAMO) to prepare the primary and secondary thematic datasets/spatial datasets in identifying and designating Strict Protection Zone (SPZ) and Multiple Use Zone (MUZ) based on BMB Memorandum dated 6 February 2020.

In addition, for protected areas covering coastal and marine ecosystems, may we also request that the following data be gathered and prepared:

1. Bathymetry data
2. Navigational lane (marine vessels)
3. Existing ecotourism site
4. Existing mariculture areas
5. Existing SAPA areas
6. Diving site
7. Marine mammals' migration pattern
8. Spawning grounds, and
9. Other relevant data

Further, for Regional Offices with only the Regional GIS Specialist as participant, please identify a legislated protected area within the region as sample PA to prepare the above-mentioned datasets.

For information and consideration.

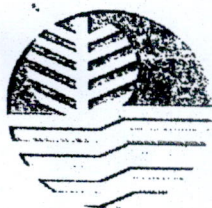

NATIVIDAD Y. BERNARDINO



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



BMB202202311



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SPECIAL ORDER
NO. 2022- 141

MAR 14 2022

SUBJECT: AUTHORIZING THE CONDUCT OF THE TRAINING ON THE IDENTIFICATION AND DESIGNATION OF MANAGEMENT ZONES OF PROTECTED AREAS UNDER THE NIPAS ON MARCH 28 - APRIL 06, 2022 (MINDANAO CLUSTER) IN REGION 11 AND APRIL 25 - MAY 04, 2022 (LUZON AND VISAYAS CLUSTER) IN REGION 3

In the interest of the service and in order to promote learning and understanding of the criteria, data requirements, and procedures in determining the PA management zones using sound science and innovative use of technology (GIS and Remote Sensing) and to assist the PAMO personnel in identifying the management zones of their respective protected areas, the conduct of the training on the identification and designation of management zones of protected areas under the NIPAS is hereby authorized on March 28 - April 06, 2022 for the Mindanao Cluster in Region 11 and April 25 - May 04, 2022 for the Luzon and Visayas Cluster in Region 3. The activity shall be participated in by the technical staff of the Biodiversity Management Bureau and the DENR Field Offices, as follows:

A. Biodiversity Management Bureau

OFFICE/DIVISION	PARTICIPANTS
National Parks Division	Ms. Meriden E. Maranan
	Mr. Francisco B. Feliciano
	Mr. Reneo B. Vicente
	Ms. Jennelyn Asegurado-Ramos
	Mr. Daniel S. Garino, Jr.
	Ms. Juliana A. Balogo
	Ms. Patricia G. Sanchez
	Ms. Jamie Tabing
	Ms. Maria Gabrielle J. Jacob
	Mr. Morshid C. Dimaporo
	Mr. Lorenzo D. Reyes
	Ms. Michelle P. Abalos
	Ms. Medina L. Valdez
Coastal and Marine Division	Mr. John Michael M. Cornito
	Mr. Charles Louie Evangelista

Biodiversity Policy, Knowledge and Management Division	Ms. Michelle Aplan
	Mr. Septher Ian Salcedo

B. DENR Field Offices

Mindanao Cluster

OFFICE	PARTICIPANT
REGION 9	
Protected Area Superintendent	
Dumanquillas Bay Protected Landscape and Seascape	Ms. Alicia C. Dimaporo
Jose Rizal Memorial Protected Landscape	Mr. Carnelo G. Arco
Murcielagos Protected Landscape and Seascape	Ms. Elvira C. Zamoras
Selinog Island Protected Landscape and Seascape	Mr. Vicarl Arcayan
Siocon Resource Reserve	Mr. Muhammad Fazl-ur-Rahman J. Werble
Mt. Timolan Protected Landscape	Mr. Mario B. Ronulo
Bug Natural Biotic Area	Ms. Wirlyn B. Ladores
GIS Specialist (Protected Areas)	
Dumanquillas Bay Protected Landscape and Seascape	Ms. Harielbim A. Vargas
Jose Rizal Memorial Protected Landscape	Ms. Nikki V. Zamora
Murcielagos Protected Landscape and Seascape	Ms. Joan Kym R. Magno
Selinog Island Protected Landscape and Seascape	Mr. Regin M. Wenceslao
Siocon Resource Reserve	Mr. Sven Mark S. Ates
Mt. Timolan Protected Landscape	Mr. Edilberto Obenza Jr.
Bug Natural Biotic Area	Mr. Larryl R. Larida
REGION 10	
Protected Area Superintendent	
Mt. Kitanglad Range Natural Park	Mr. Zoilo R. Montebon, Jr.
Mt. Kalatungan Range Natural Park	Mr. Ner A. Doydoy
Mt. Inayawan Range Natural Park	Mr. Saiben L. Mampao
GIS Specialist (Protected Areas)	
Mt. Kitanglad Range Natural Park	Mr. Emanuel A. Licayan
Mt. Kalatungan Range Natural Park	Mr. Belly Rey D. Villamor
Mt. Inayawan Range Natural Park	Mr. Arnel N. Bacasnot
REGION 11	
Protected Area Superintendent	
Mt. Apo Natural Park	Mr. Jeol Pardillo
GIS Specialist (Protected Areas)	
Mt. Apo Natural Park	Mr. Lloyd Avergonzado
REGION 12	
GIS Specialist (Regional Office)	Mr. Norhasan Pangcoga

REGION 13	
GIS Specialist (Regional Office)	Ms. Roxan P. Lunasin

Luzon and Visayas Cluster

CAR	
GIS Specialist (Regional Office)	Ms. Maegan Kittong-Ayochoc
REGION 1	
GIS Specialist (Regional Office)	Mr. Ferdinand Nalupa
REGION 2	
Protected Area Superintendent	
Batanes Protected Landscape and Seascape	Mr. Samuel P. Telan
Casecnan Protected Landscape	Mr. Junny Vic M. Andaya
Salinas Natural Monument	Mr. Danilo N. Gapasin
GIS Specialist (Protected Areas)	
Batanes Protected Landscape and Seascape	Mr. Arjay S. Banan
Casecnan Protected Landscape	Mr. Giovanni P. Padilla
Salinas Natural Monument	Mr. John Michael Tuazon
REGION 3	
GIS Specialist (Regional Office)	Mr. Emmanuel B. Penson, Jr.
CALABARZON	
Protected Area Superintendent	
Maulawin Spring Protected Landscape	Ms. Julieta P. Narte
Buenavista Protected Landscape	Ms. Hazel P. Recalde
GIS Specialist (Protected Areas)	
Maulawin Spring Protected Landscape	Mr. John Michael R. Apon
Buenavista Protected Landscape	Mr. John Dave D. Natividad
MIMAROPA	
GIS Specialist (Regional Office)	Mr. Allen M. Ablang
REGION 5	
Protected Area Superintendent	
Mount Isarog Natural Park	Mr. Bonifacio D. Azur
Malabungot Protected Landscape	Mr. Marco V. Navarroza
Catanduanes Natural Park	Ms. Editha A. Milan
GIS Specialist (Protected Areas)	
Mount Isarog Natural Park	Mr. Eunice Iov P. Tavahan

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

