



MEMORANDUM

FOR : The Undersecretary for Integrated Environmental Science

FROM : The OIC Assistant Secretary for Field Operations - Western Mindanao and Director, in concurrent capacity

SUBJECT : **REVIEW OF THE SUBMITTED FORESTRY SPATIAL DATASETS (FSD) REGIONAL GEODATABASES CONTAINING THE 11 FSD COMMITTED TO THE DENR CONTROL MAP**

ATTACHED DOCUMENT/S : 1. 11 FSD Committed to the DENR Control Map
2. Summary of Findings
3. Regional data appended in the National GDB

DATE : SEP 19 2023

This has reference to the submitted Forestry Spatial Datasets (FSD) Regional Databases containing the 11 FSD committed to the DENR Control Map as per agreement in the National Workshop on the Integration and Standardization of FSD held last March 2023.

The initial review hereunder was administered on the Regional FSD that were submitted on or before 31 July 2023 through email or Google Drive. Please be informed that fifteen (15) out of sixteen (16) regions have submitted their respective FSD to this Office through the Forest Geospatial Data Infrastructure Section. Among them, twelve (12) regions have presented their datasets in geodatabase format, and only eight (8) regions have completed the 11 committed FSD.

The following are the general observations needed to be addressed:

- a. The prescribed naming of regional geodatabase should be as follows:
R(X)_Forestry_Spatial_Dataset;
- b. Naming convention of feature datasets submitted were followed correctly by majority of the Regions except CAR and Region 11;
- c. The majority of the Regions except Region 2, Region 11, and Region 13 have appropriately identified their FSD relative to their geographical location and coverage (verified using the LMB administrative boundary). The following listed below are the Regions with non-conforming datasets: :
 - o Region 2 - Tenurial instruments
 - o Region 11 - PIA, PPF, NGP, WS CRIT, Tenurial instruments
 - o Region 13 - PPF, FPMS, NGP, CBFM-CARP

- d. All Regions have correctly matched with the prescribed geometry types for the 11 FSD;
- e. All Regions except NCR exhibited overlapping datasets within and among NGP sites and tenorial instruments;
- f. 7 out of 16 Regions, namely CAR, Region 2, Region 4A, Region 7, Region 8, Region 11, and Region 13, have exhibited improper formatting of the prescribed attribute information (i.e. name, type, and length), which ultimately led to the error in loading FSD in the mother geodatabase; and
- g. On the basis of their committed tenure instruments (excluding CSC) during the FSD Workshop last March 2023, the majority of the Regions have submitted incomplete data on tenure. **This should include all existing, expired, and canceled agreements.**

In this regard, this Office would like to **request for an extension of the submission of the cleansed forestry spatial datasets committed to the DENR Control Map until the end of October 2023.** This is to give ample time for the Regional Offices to address the findings on the review of these datasets. The datasets shall be uploaded to the FSD ArcGIS Portal managed by the Forest Management Bureau and shall be submitted to the GDO for uploading to the DENR Control Map.

For the Undersecretary's information and consideration, please.


ARLEIGH J. ADORABLE, CESO III

Copy furnished:

*The OIC Director, Policy and Planning Service
The Regional Executive Directors, All Regions*

Forestry Spatial Datasets (FSD) committed to the DENR Control Map

No.	Forestry Spatial Dataset	Description
1	Potential Investment Areas (PIA)	Extent (in area) of delineated potential investment areas
2	Production and Protection Forest (PPF)	Extent of forest area delineated as production forest or protection forest
3	DENR Field Offices (DENR FO)	Location of DENR Regional, PENR, CENR Offices and Sub-Offices
4	DENR Forest Products Monitoring Station (DENR FPMS)	Location of existing forest products monitoring stations/ checkpoints
5	DENR Forest Ranger Stations/ Lookout Towers (DENR FRS)	Location of established forest ranger stations/lookout towers
6	Established Mechanized and Modernized Forest Nurseries (DENR MMFN)	Area extent of established mechanized nurseries for NGP with approximate seedling capacity
7	Critical Watersheds (WS CRITICAL)	Area extent of critical watersheds of the country
8	Proclaimed Watersheds (WS PROC)	Area extent of proclaimed watersheds
9	National Greening Program and Expanded NGP (NGP)	Area extent of plantations established under the National Greening Program
10	<p>Tenure Instruments</p> <p>(TEN_CBFMA)</p> <p>(TEN_CFSA)</p> <p>(TEN_FLA_g)</p> <p>(TEN_FLGMA)</p> <p>(TEN_FLA_gT)</p> <p>(TEN_IFMA)</p> <p>(TEN_UA_fP)</p> <p>(TEN_SIFMA)</p> <p>(TEN_SLUP)</p> <p>(TEN_GSUP)</p> <p>(TEN TFLA)</p>	<p>Extent in the area of management of a person, company or people's organization as described in the agreement/ contract. This includes the following:</p> <ol style="list-style-type: none"> Community-based Forest Management Agreement (CBFMA); Community Forest Stewardship Agreement (CFSA); Forest Land Use Agreement (FLA_g, SPLULA, OLPLA); Forest Land Grazing Management Agreement (FLGMA, FLGLA); Forest Land Use Agreement for Tourism Purposes (FLA_gT); Integrated Forest Management Agreement (IFMA); Upland Agroforestry Program (UA_fP); Socialized Industrial Forest Management Agreement (SIFMA); Special Land Use Permit (SLUP); Gratuitous Special Land Use Permit (GSUP); and Tree Farm Lease Agreement (TFLA)
11	CBFM-CARP Projects	The extent of the area managed by CARP beneficiaries

Summary of Findings and Recommendations by Region

Region	Date of Submission	Findings	Recommendation
NCR	Uploaded through Google Drive on June 29, 2023 and July 10, 2023 (updated)	Complete data	Supplementation of the attribute information on NGP and FO datasets
CAR	Uploaded through Google drive on June 22 and 29, 2023	Complete data	Resubmission of Regional FSD containing cleansed data (i.e. proper naming of feature datasets and formatting of attribute tables) on the 10 FSD that were not appended in the National GDB (see Table 2)
1	Uploaded through Google Drive on June 24, 2023	Incomplete data - No data on PPF_PIA in the GDB	Supplementation of the attribute information on the 9 FSD that were appended Appending the PPF_PIA dataset to the Regional FSD
2	Uploaded through Google Drive on June 15, 2023 Emailed on July 7, 2023	Incomplete - NGP data was only submitted using the GDB Forestry tenure datasets were emailed separately. These were neither cleansed nor loaded in GDB.	Submission of Regional FSD Geodatabase containing the cleansed committed datasets
3	Uploaded through Google Drive on July 31, 2023	Complete data	Supplementation of the attribute information on the 11 FSD
4A	Uploaded through Google Drive on July 4, 2023	Incomplete - No data on established nurseries in the GDB	Resubmission of Regional FSD containing cleansed data (i.e. formatting of attribute tables) on the 5 datasets that were not appended (see Table 2)
4B	Uploaded through Google Drive on June 19, 2023 Emailed on July 25, 2023	Incomplete - Only NGP data was uploaded in the GDB Seven (7) FSD were emailed separately, namely PIA, PPF, DENR FO, WS CRIT, WS PROC, NGP, and CBFMA	Submission of Regional FSD containing cleansed tenure datasets (except CBFMA)

Region	Date of Submission	Findings	Recommendation
5	Uploaded through Google Drive on June 15, 2023 and August 29, 2023	Incomplete - No uploaded data on NGP in the GDB	Supplementation of the attribute information on the 11 FSD Submission and loading of NGP dataset into the Regional FSD
6	No Submission		
7	Uploaded through Google Drive on July 6, 2023	Complete data	Resubmission of Regional FSD containing cleansed tenure datasets Supplementation of the attribute information on the 11 FSD
8	Uploaded through Google Drive on June 15, 2023	Complete data	Supplementation of the attribute information on the 11 FSD
9	Uploaded through Google Drive on June 14, 2023	Complete data	Supplementation of the attribute information on the 11 FSD
10	Uploaded through Google Drive on June 15, 2023	Complete data	Resubmission of 11 cleansed FSD consolidated in one (1) geodatabase using the PRS 1992 Zone 51 N projection
11	Received thru a Memorandum from the Regional Executive Director on June 15, 2023. Uploaded NGP data through Google Drive on June 21, 2023	Incomplete - No data on CBFM-CARP projects	Supplementation of the attribute information on the 11 FSD Resubmission of 11 Regional FSD containing NGP cleansed data stored in a geodatabase
12	Uploaded through Google Drive on June 27, 2023	Incomplete data - No data on NGP in the GDB	Submission and loading of NGP dataset into the Regional FSD Supplementation of the attribute information on the tenurial instruments
13	Uploaded through Google Drive on June 19, 2023	Complete data	Supplementation of the attribute information on the 11 FSD

Regional data appended in the National GDB

REGION	Forest Investments		Forest Monitoring and Protection			Reforestation and Forest Rehabilitation		Watershed Ecosystem Management		Forest Land Use and Allocation											
	PIA	PPF	FO	FPMS	FRS	MMFN	NGP	CRIT	PROC	CBFMA	CFSA	FLAg	FLGMA	FLAgT	IFMA	UAfP	SIFMA	SLUP	GSUP	TFLA	CBFM CARP
CAR																					
NCR																					
1																					
2																					
3																					
CALABARZON																					
MIMAROPA																					
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Legend:

	Data appended (Submitted data followed the prescribed formatting of field names, field types, and field lengths)
	Data not appended (Submitted data did not follow the prescribed formatting of field names, field/data types, and/or field lengths)
	No submitted data/Not applicable