REGIONAL SPECIAL ORDER

FEB 1 1 2019

NO. _1 063_

SERIES OF 2019

SUBJECT : **RECONSTITUTION OF THE DENR-EMB-MGB MIMAROPA GEOSPATIAL INFORMATION SYSTEMS (RGIS) COMPOSITE UNIT**

In the interest of the service and in order to have an accountable office unit that will capture, store and analyze all DENR-EMB-MGB MIMAROPA spatial data, the Regional Geospatial Information System (RGIS) Composite Unit is hereby created.

The RGIS Composite Unit will be under the supervision of Assistant Regional Director for Management Serviaces to be assisted by the Chief, Planning and Management Division.

The RGIS Composite Unit shall be composed of the following GIS team from each division and shall have the corresponding responsibilities and tasks as stipulated hereunder:

- **Planning and Management Division (PMD) GIS Team**:
  - Jonas Paolo Saludo
  - Winston de Guzman
  - Ma. Elaine Saños
  - John Philipp Merced
  - Milner Macarandang

The PMD shall be the repository of all GIS Information of the Region populated into the DENR MIMAROPA One Control Map. The PMD GIS Personnel shall coordinate, collect, and consolidate all Geospatial Information that will be generated by Field Offices, Regional Office Technical Services Divisions including the EMB and MGB MIMAROPA. They shall ensure that the DENR MIMAROPA One Control Map is updated quarterly as basis for geospatial planning. All consolidated geospatial information will be stored at a specific network location to be identified and created in coordination with the Regional ICT Unit.

- **Survey and Mapping Division (SMD) GIS Team**
  - O'Soniel Moises G. Tuddao (Team Leader)
  - Jesus S. Cruz
  - Noel M. Difunforum
  - Reian Buenafe
  - Raynard C. Rivera

The SMD GIS Team shall generate, update and provide the PMD on a regular basis the GIS Information and Maps on land clasification, land cover, cadastral survey, approved survey plans, completed boundary delineation and other pertinent spatial data generated by the division.

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- **Licenses, Permits, and Deeds Division (LPDD) GIS Team**
  - Alfred Lopez (Team Leader)
  - Maria Gloria Galima
  - Joseph Saños
  - Jovel Lanigo

The LPDD GIS Team shall be responsible for the generation and updating of geospatial data on patent issuances, water resources including permit applications and source, tenurial instrument maps such as FLAG, FLAgT, SLUP, SIFMA, IFMA, wildlife farm permittees, tree cutting permits issued and other pertinent information that can be converted into geospatial information and to be provided to the PMD.

- **Enforcement Division (ED) GIS**
  - Arnel N. Astrera

The ED shall generate, update and submit geospatial data on Conservation Areas, Lawin Patrolling, emerging "hotspots", Forest Product Monitoring Station, hotspot areas, look-out towers, wood processing plants, lumber dealer with status and other pertinent data generated under the Lawin System that can be converted into geospatial information.

- **Conservation and Development Division (CDD) GIS Team**
  - Jaime M. Ancheta (Team Leader)
  - Ronnie L. Alpajaro
  - Tranquilino Bayangan
  - Carlota Jugno

The CDD GIS team shall generate and update geospatial data on Protected Areas (boundary delineation, BAMS, SEAMS, facilities), Caves, Inland Wetlands, tenurial instruments issued such as CBFMAs, CSC, FLGMA, SAPA, critical and proclaimed watersheds, river systems, Small Water Impounding Structure (SWIS), FLUP map, CRMF map, coastal and marine geospatial information such as coral reefs and sea grass assessment, location of BDFEs; wildlife habitats, and other information generated from the activities of CDD that can be converted into geospatial information. The CDD personnel shall also provide PMD available data on Old Reforestation Projects, Upland Development Program Accomplishments.

- **National Greening Program Coordinator Office (NGPCO)**
  - Ernesto Jocson
  - Jelly Soriano

The NGPCO shall be responsible for the generation, updating and submission of geospatial data on forest cover, National Greening Program (NGP) implementation to include established plantations (from 2011 onwards), Survey, Mapping and Planned areas, target area

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for establishment for the current year, and other pertinent information that can be converted into geospatial information.

- **Mines and Geosciences Bureau (MGB-MIMAROPA)**
  - Edgardo G. Peña, Jr.(Team Leader)
  - Carissa Bernadette A. Isip
  - Ronalene J. Momaol

The MGB MIMAROPA GIS Team shall submit the generated and updated geohazard maps such as flood and rain-induced landslide susceptibility maps/flood/landslide risk exposure maps, subsidence hazard maps, coastal geohazard and other maps related to groundwater resource, mining tenement and quarry perimeter including illegal quarry and mining areas and other pertinent information that can be converted into geospatial information.

- **Environmental Management Bureau (EMB-MIMAROPA)**
  - Christy A. Matias (Team Leader)
  - Reynaldo L. dela Rosa, Jr.
  - Ericson Mactal
  - Ashley Denise Adora Ignacio

The EMB-MIMAROPA GIS Team shall be responsible for the generation and updating of spatial data on Air Monitoring Stations, WQMAs, classified and unclassified water bodies including status, adopt-a-estero; established MRFs, Dumpsites and status of sanitary landfill, establishments with ECC/CNC issued and other pertinent information that can be converted into geospatial information.

The RGIS Composite Unit shall have the following core functions:

1. Collection of Geospatial Information through the following:
   - Desk-based data capture (digitizing) e.i. converting paper maps to GIS datasets.
   - Actual fieldwork activites using GPS and similar gadgets/tools.
   - GIS data produced by Regional Office technical divisions and field offices.
   - Research works from reputable sources (e.g. ERDB, MGB, EMB, BMB, NWRB, NAMRIA, LGUs, etc.)
2. Storage and analysis of Geospatial Information
   - Geospatial Information will be consolidated and stored at a specific network location to be identified and created in coordination with the Regional ICT Unit.
   - Geospatial Information will be stored and kept as .shp file and .kml file format.
   - Geospatial Information will be analyzed and manipulated using any licenced GIS Mapping software.
3. Validation of Geospatial Information via actual survey and fieldwork activities.
4. Updating of Geospatial Information to conform with the needs of the DENR MIMAROPA Regional Office.

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5. Submission of quarterly report highlighting the activities and accomplishment of the RGIS Unit.

The RGIS Team Leaders shall be the focal of their respective offices in terms of geospatial information and shall supervise their team in performing their respective responsibilities.

The RGIS teams will be performing their roles in the RGIS Composite Unit in concurrent capacity with their respective divisions/offices and shall be entitled to travelling and other incidental expense pertinent to the fulfillment of their functions/tasks.

This Order takes effect immediately and will supersede any other orders inconsistent herewith.

HENRY A. ADORNADO, Ph.D