



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
KAGAWARAN NG KAPALIGIRAN AT LIKAS YAMAN



**MEMORANDUM**

**FOR :** **The Assistant Secretary**  
Field Operations – Luzon and Visayas, and concurrently  
**The Director**  
Environmental Management Bureau

**The OIC, Assistant Secretary**  
Field Operations – Western Mindanao, and concurrently  
**The Director**  
Forest Management Bureau

**The Assistant Secretary**  
International Affairs, and concurrently  
**The Director**  
Biodiversity Management Bureau

**The Regional Executive Directors**  
DENR Regional Offices

**The Bureau Director**  
Mines and Geosciences Bureau

**The Executive Director**  
National Water Resources Board  
River Basin Control Office

**The Administrator**  
National Mapping Resource and Information Authority

**FROM :** **The Director**  
Climate Change Service

**SUBJECT :** **Data Request of Manila Observatory for the Climate Change Information and Management System (CCIMS)**

**DATE :** April 19, 2024

This has reference to the Climate Change Information Management System (CCIMS) Devcalque Project that is being developed by our Office in collaboration with the Manila Observatory (MO) which shall integrate climate change-related information, including climate change scenarios and associated reports and maps.

Currently, the Manila Observatory is developing and generating interactive and downloadable maps including analyses and needs the following reports and shapefile data:

<b>Data Needed</b>	<b>Type of data</b>	<b>Bureau/Agency</b>
Cagayan River Basin Master Plan	Report	DENR Region II/River Basin Control Office
Land Use Map of Cagayan River Basin	Shapefile	

Tenurial instruments	Shapefile	DENR Regional Offices/Forest Management Bureau (FMB)
Protection and Production Forests	Shapefile	
Municipal Water Boundaries	Shapefile	National Mapping and Resource Information Authority (NAMRIA)
No-go Zones for Mining	Shapefile	Mines and Geosciences Bureau (MGB)
Rainfall-Induced Landslide	Shapefile	
Value of Mineral Production per Province	Shapefile	
Mineral Lands	Shapefile	
Geologic Maps	Shapefile	
MRF Facilities (Solid Waste)	Shapefile	Environmental Management Bureau (EMB)
Quality of Water Bodies	Shapefile	
Critical Habitats	Shapefile	Biodiversity Management Bureau (BMB)
Annual Industrial Water Demand by Province in m <sup>3</sup> in 2010, 2015, and 2020	Shapefile	National Water Resources Board (NWRB)
Water Runoff from Watershed and/or Subwatershed in m <sup>3</sup>	Shapefile	
Groundwater Extraction POIs	Shapefile (point) / CSV (w/ coordinates)	
Surface Water Abstraction POIs	Shapefile (point) / CSV (w/ coordinates)	

May we request your Office to coordinate and submit the aforementioned data as soon as possible to Ms. Jezleer Montajes, Senior RS-GIS Specialist of the Manila Observatory at [jmontajes@observatory.ph](mailto:jmontajes@observatory.ph) or through her mobile at (+63)922-702-6081. For other inquiries, you may also contact the Climate Change Information and Technical Support Division at [ccitsd@denr.gov.ph](mailto:ccitsd@denr.gov.ph).

Your submission on or before April 26, 2024 will be highly appreciated.

Thank you.

  
ELENIDA DR. BASUG

Cc: The Undersecretaries  
Finance, Information Systems and Climate Change  
Integrated Environmental Science