



Republic of the Philippines
Department of Environment and Natural Resources
Visayas Avenue, Diliman, Quezon City
929-7041 to 43; 929-6252; 929-1669
Website: <http://www.denr.gov.ph> / E-mail: web@denr.gov.ph

MEMORANDUM

FOR/TO : **All Undersecretaries
All Assistant Secretaries
All Directors (Services, Bureaus)
All Heads of Attached Agencies
All Regional Executive Directors
All Regional Directors (EMB, MGB)**

FROM : **The Undersecretary
Finance, Information Systems, and Climate Change, and
Head, Task Force Build Back Better (TFBBB) Secretariat**

SUBJECT : **REQUEST TO REVIEW THE DRAFT DENR
ADMINISTRATIVE ORDER (DAO) ON DEFINING
AND CLARIFYING THE MECHANISMS FOR
DISASTER RISK REDUCTION AND MANAGEMENT
(DRRM) IN THE DENR, AND ESTABLISHMENT OF
THE DRRM COMMITTEE UNDER THE OFFICE OF
THE SECRETARY**

DATE : June 21, 2022

This refers to the DRRM Mechanism presented during the 20 June 2022 Executive Committee meeting. The DENR Administrative Order defines the mechanism within the Department to improve governance in the management and reduction of risks brought by disasters to (1) the environment, natural resources, and (2) the DENR organization and operations. The mechanism covers the pillars of Disaster Risk Reduction and Management as follows:

- a. Prevention and mitigation
- b. Preparedness
- c. Response
- d. Rehabilitation and recovery

The guidelines also aim to enable the implementation of a flexible, integrated system that can be used for any incident or disaster; and identify policies and strategies to improve DENR's disaster and emergency planning and response.

To further enhance the guidelines, we would like to request your offices to review the attached revised version of the draft DAO as well as the draft Special Order which seeks to ensure the proactive participation of the DENR to the National Disaster Risk Reduction and Management Council (NDRRMC). We would appreciate receiving your comments and/or suggestions on or before June 27, 2022. Non-submission of inputs/comments after the deadline will be deemed confirmation that said DAO and SO are acceptable and in order.

Should you have any comments and/or suggestions, kindly email them to ccs@denr.gov.ph. For questions or clarifications, you may contact Jello Ortega or Raquel Ortega at 8-928-1194.

For your consideration.


ATTY. ANALIZA REBUELTA-TEH



Republic of the Philippines
Department of Environment and Natural Resources
Visayas Avenue, Diliman, Quezon City
Tel Nos. 929-6626 to 29; 929-6633 to 35
929-7041 to 43; 929-6252; 929-1669
Website: <http://www.denr.gov.ph> / E-mail: web@denr.gov.ph

DRAFT AS OF 20 JUNE 2022

DENR Administrative Order
No. 2022-_____

Subject: DEFINING AND CLARIFYING THE MECHANISMS FOR DISASTER RISK REDUCTION AND MANAGEMENT (DRRM) IN THE DENR, AND ESTABLISHMENT OF THE DRRM COMMITTEE UNDER THE OFFICE OF THE SECRETARY

Pursuant to Republic Act No. 10121 otherwise known as the “Philippine Disaster Risk Reduction and Management Act of 2010”, Implementing Rules and Regulations (IRR) of Republic Act No. 101201 also known as “An Act Strengthening the Philippine Disaster Risk Reduction Management System, Providing for the National Risk Reduction and Management Framework and Institutionalizing the National Disaster Risk Reduction and Management Plan, Appropriating Funds Therefor and For Other Purposes”, NDRRMC Memorandum No. 131, Series of 2018 or the “Guidelines on the Establishment, Operationalization and Management of Emergency Operation Center (EOC)”, NDRRMC Memorandum No. 33, Series of 2018 or the “Public Service Continuity Plan (PSCP) Template for Government Agencies”, Executive Order No. 52, Series of 2018 or the “Program Management Office of Earthquake Resiliency of the Greater Metro Manila Area (ERG)”, Executive Order No. 120, Series of 2020 entitled “Establishing a National Government Administrative Center in New Clark City, Capas, Tarlac, Providing for an Integrated Government Center Outside the National Capital Region In case of Disaster”, and Directing the Whole-of-Government to Establish Satellite Offices Therein, and NDRRMC Resolution No. 2, Series of 2022 entitled “Resolution Providing for the Phases and Clusters for the Establishment of Satellite and Field Offices as Part of the National Government Center of the New Clark City, Capas, Tarlac” defining and clarifying the mechanisms for Disaster Risk Reduction and Management (DRRM) in the DENR, and establishment of the DRRM Committee under the Office of the Secretary is hereby instituted and implemented.

Section 1. Basic Policy

It is the policy of the State to adopt a disaster risk reduction and management approach that is holistic, comprehensive integrated, and proactive in lessening the socioeconomic and environmental impacts of disasters including and promote the involvement and participation of all sectors and all stakeholders concerned, at all levels, especially the local community. Further thereto, to adopt and implement a coherent, comprehensive, integrated, efficient and responsive disaster risk reduction program incorporated in the development plan at various levels of government adhering to the principles of good governance such as transparency and accountability within the context of poverty alleviation and environmental protection. In pursuance thereof, the DENR is mandated to define the mechanism within the DENR to improve governance in the management and reduction of risks brought by disasters.

Section 2. Objectives

The objectives of this Order are:

- a. To define mechanisms within the DENR to improve governance in the management and reduction of risks brought by disasters to the environment, natural resources and the DENR organization and operations;
- b. To enable the implementation of a flexible, integrated system that can be used for any incident or disaster; and
- c. To identify policies and strategies to improve DENR's disaster and emergency planning and response.

Section 3. Scope and Coverage

The mechanism covers the pillars of Disaster Risk Reduction and Management (DRRM) as follows:

- a. Prevention and Mitigation
- b. Preparedness
- c. Response and Early Recovery
- d. Rehabilitation and Recovery

Section 4. Definition of Terms

“Assessment Framework” – refers to the survey and information collection activities carried out to determine the effects on disaster victims, the stricken community and the society in general

“Capacity Assessment” – refers to the process by which the capacity of a group, organization or society is reviewed against desired goals, where existing capacities are identified for maintenance or strengthening and capacity gaps are identified for further action.

“Disaster Mitigation” – the lessening or limiting of the adverse impacts of hazards and related disasters. Mitigation measures encompass engineering techniques and hazard-resistant construction as well as improved environmental policies and public awareness.

“Disaster Preparedness” – the knowledge and capacities developed by governments, professional response and recovery organizations, communities, and individuals to effectively anticipate, respond to, and recover from, the Impacts of likely, imminent, or current hazard events or conditions. Preparedness action is carried out within the context of disaster risk reduction and management and aims to build the capacities needed to efficiently manage all types of emergencies and achieve orderly transitions from response to sustained recovery. Preparedness is based on a sound analysis of disaster risk and good linkages with early warning systems, and includes such activities as contingency planning, stockpiling of equipment and supplies, the development of arrangements for coordination, evacuation, and public information, and associated training and field exercises. These must be supported by formal institutional, legal and budgetary capacities.

“Disaster Prevention” – the outright avoidance of adverse impacts of hazards and related disasters. It expresses the concept and intention to completely avoid potential adverse impacts through action taken in advance such as construction of dams or embankments that eliminate flood risks, land-use regulations that do not permit any settlement in high-risk zones, and seismic engineering designs that ensure the survival and function of a critical building in any likely earthquake.

“Disaster Rehabilitation and Recovery” – refers to the restoration, reconstruction, and implementation of development measures that will enable affected localities and communities to return to normalcy and build resiliency from the impact of future disasters.

“Disaster Response” – the provision of emergency services and public assistance during or immediately after a disaster in order to save lives, reduce health impacts, ensure public safety and meet the basic subsistence needs of the people affected. Disaster response is predominantly focused on immediate and short-term needs and is sometimes called “disaster relief”.

“Disaster Response and Early Recovery” – refers to the proactive rather than reactive approach to disaster preparation is the best means of mitigating damage from natural disasters or other forms of destruction.

“Disaster Risk” – the potential disaster losses in lives, health status, livelihood, assets and services, which could occur to a particular community or a society over some specified future time period.

“Disaster Risk Reduction” – the concept and practice of reducing disaster risks through systematic efforts to analyze and manage the causal factors of disasters, including through reduced exposures to hazards, lessened vulnerability of people and property, wise management of land and the environment, and improved preparedness for adverse events.

“Disaster Risk Reduction and Management” – the systematic process of using administrative directives, organizations, and operational skills and capacities to implement strategies, policies and improved coping capacities in order to lessen the adverse impacts of hazards and the possibility of disaster. Prospective disaster risk reduction and management refer to risk reduction and management activities that address and seek to avoid the development of new or increased disaster risks, especially if risk reduction policies are not put in place.

“Emergency Operation Center” – refers to the centralized location of emergency response and recovery support operations during incidents.

“Mitigation” – structural and non-structural measures undertaken to limit the adverse impact of natural hazards, environmental degradation, and technological hazards and to ensure the ability of at-risk communities to address vulnerabilities aimed at minimizing the impact of disasters. Such measures include, but are not limited to, hazard-resistant construction and engineering works, the formulation and implementation of plans, programs, projects and activities, awareness-raising, knowledge management, policies on land-use and resource management, as well as the enforcement of comprehensive land-use planning, building and safety standards, and legislation.

“National Disaster Risk Reduction and Management Plan” or “NDRRMP” – the document being implemented, as steered in formulation by the Office of Civil Defense (OCD), that sets out goals and specific objectives for reducing disaster risks together with related actions to accomplish these objectives.

The NDRRMP shall provide for the identification of hazards, vulnerabilities and risks to be managed at the national level; disaster risk reduction and management approaches and strategies to be applied in managing said hazards and risks; agency roles, responsibilities and lines of authority at all government levels; and vertical and horizontal coordination of disaster risk reduction and management in the pre-disaster and post-disaster phases.

“Public Service Continuity Plan” – refers to the strategies and mechanisms of a government agency/ public sector organization to ensure continuous delivery of public services amidst any disruption.

“Risk Assessment” – a methodology to determine the nature and extent of risk by analyzing potential hazards and evaluating existing conditions of vulnerability that together could potentially harm exposed people, property, services, livelihood and the environment on which they depend. Risk assessments with associated risk mapping include a review of the technical characteristics of hazards such as their location, intensity, frequency and probability; the analysis of exposure and vulnerability including the physical, social, health, economic and environmental dimensions; and the evaluation of the effectiveness of prevailing and alternative coping capacities in respect to likely risk scenarios.

Section 5. Establishment of the DENR Disaster Risk Reduction and Management Committee

There shall be a DRRM Committee composed of the Executive Committee members and chaired by the Secretary. To assist the Secretary in ensuring an effective response mechanism in the DENR during disasters, the following officials are hereby designated:

Vice Chairperson	:	Undersecretary for Climate Change
Co-Vice Chairpersons	:	Undersecretary for Field Operations – Luzon and Visayas Undersecretary for Field Operations - Mindanao
Members	:	All Undersecretaries All Assistant Secretaries All Bureau Directors All Heads of Attached Agencies

The DRRM Committee shall have the following functions:

1. Serve as the central coordinating group to oversee the DRRM mechanism and operations of the Department.
2. Provide oversight to the implementation of the DRRM work in the DENR;

3. Ensure synergy and coherence in the DRRM implementation of the DENR through close coordination with:
 - (a) National Disaster Risk Reduction and Management Council and its Committees where DENR is represented (RA 101211);
 - (b) Task Force Build Back Better (EO 120, Series of 2020);
 - (c) Program Management Office for the Earthquake Resiliency of the Greater Metro Manila Area (PMO-ERG) (EO No. 52), and other institutional partners or organizations; and
 - (d) provision of guidance to and monitoring of the DRRM Teams provided in Sec. 5 of these guidelines;
4. Support the DENR Operations Center as a decision support system to enhance DRRM in the DENR; and
5. In coordination with concerned Offices, operationalize the Public Service Continuity Plan (PSCP) during disaster; and
6. Oversee and ensure the active involvement of the DENR to the NDRRMC, its clusters and committees.
 - a. The DRRM Committee shall be supported by a **Support Group** that will serve as Secretariat and provide support in the monitoring and evaluation of DENR-wide DRRM work and ensure timely submission of necessary reports by concerned Teams/Offices to the Secretary. It shall be composed of the following:

Team Leader	:	Director, Climate Change Service
Co-Team Leaders	:	Director, Foreign-assisted and Special Projects Service Director, Administrative Service
Members	:	Head, DENR Action Center/Hotline 8888 Director, Knowledge and Information Systems Service Director, Strategic Communication and Initiatives Service Focal Persons, Offices of the Undersecretaries for Field Operations

Section 6. Creation of DENR Risk Reduction Teams

There shall be DRRM Teams that will be responsible for the planning, implementation, monitoring and evaluation of the pillars of disaster risk reduction and management. These are:

- a. Disaster Prevention and Mitigation Team (DPMT)
- b. Disaster Preparedness Team (DPT)
- c. Disaster Response and Early Recovery Team (DRERT)
- d. Disaster Rehabilitation and Recovery Team (DRRT)

Section 6.1. Disaster Prevention and Mitigation Team (DPMT)

- a. Composition

The DPMT shall be composed of the following:

Team Leader	:	Assistant Secretary for Policy and Planning Service
Assistant Team Leader	:	Director, Policy and Planning Service
Members	:	Director, Mines and Geosciences Bureau Director, Environmental Management Bureau Director, Ecosystem Research and Development Bureau Director, Forest Management Bureau Executive Director, National Water Resources Board Executive Director, River Basin Control Office

b. Functions

The DPMT shall serve as the policy and planning formulation team with the following functions:

1. Formulate and review DENR'S DRRM Annual Plans and Programs;
2. Review the Regional DRRM Plans;
3. Conduct research and special studies in support of DRRM policy development;
4. Formulate preventive and mitigation policies such as infrastructure standard, disaster risk governance;
5. Mainstream DRRM into the DENR planning system;
6. Develop the Green Assessment Framework towards a Green Recovery, Reconstruction and Building Climate-resilient Communities, in coordination with the Support Group;
7. Conduct hazard identification, vulnerability and capacity assessment, and environmental risk assessments; and
8. Conduct simulation exercises on preparedness and response for single and multiple hazards.

Section 6.2. Disaster Preparedness Team (DPT)

a. Composition

Team Leader	:	Assistant Secretary for Human Resources
Assistant Team Leader	:	Director, Human Resource Development Service
Members	:	Director, Climate Change Service Assistant Directors Environmental Management Bureau Mines and Geoscience Bureau Biodiversity Management Bureau Forest Management Bureau

b. Functions

The DPT shall serve as the capacity building and training team and with the following functions:

1. Conduct training needs assessment;
2. Develop and implement training plans and programs;
3. Monitor and evaluate the delivery and implementation of training programs and conduct trainers' training on DRR and Green Assessment, in coordination with the Support Group;
4. Mainstream DRRM into the DENR planning system;
5. Prepare manual of operations for Incident Commanders;
6. Ensure availability of lifelines in case of disasters;
7. Develop and establish early warning systems within DENR; and
8. Develop, review and implement contingency plans, including the DENR PSCP, in coordination with the DPMT and DRERT.

Section 6.3. Disaster Response and Early Recovery Team (DRERT)

The DRERT shall serve as the Disaster Response and Early Recovery Team in the Central Office and shall be headed by the Assistant Secretary for Administration.

The Director, Administrative Service, designated as the Incident Commander pursuant to DENR Special Order 2019-508 shall serve as the Deputy Team Leader of the DRERT. The DENR Disaster Risk Reduction Management Team under DENR Special Order No. 2020-40 shall henceforth be called the DRERT and shall undergo periodic updating of its members.

Its functions include:

1. Activate relief distributions;
2. Adopt the standard operating procedures of Rapid Damage Assessment and Needs Analysis (RDANA) as a disaster response tool;
3. Formulate plans, protocols, policies on DENR's response initiatives, activities per identified hazards;
4. Provide emergency service and assistance in order to save lives ensure availability of lifelines of affected DENR community during or immediately after a disaster;
5. Prepare the manual of operations for Incident Commanders and implement and monitor DRERT's mobilization;
6. Develop, review, and implement contingency plans;
7. Improve skills in search, rescue, and retrieval operations and conduct of emergency drills (e.g. fire, earthquake, and others) in coordination with the DPT; and
8. Establish linkages for the mobilization of support and resources.

Section 6.4 Disaster Rehabilitation and Recovery Team (DRRT)

DENR Special Order No. 2020-470 dated 26 November 2020 “*Defining the Internal Organizational Set Up of the DENR as Chairperson of and Secretariat to the Inter-Agency Task Force Build Back Better and Its Organizational Structure*” and DENR Special Order No. 2022-32, “*Instituting the Mechanism in the DENR for Disaster Rehabilitation and Recovery after Typhoons and Creation of DENR Regional Build Back Better Task Forces Consistent with Executive Order No. 120, Series of 2020*” shall remain functional to address rehabilitation and recovery in disaster-affected areas.

a. Composition

The Regional Task Force Build Back Better (DENR Team) shall serve as the Regional DRRT. The Regional Executive Directors, as the Chairpersons of the Regional TFBBB, shall lead the rehabilitation and recovery activities in the regions.

b. Functions

The DENR Regional Offices, functioning as the DRRT shall:

1. Activate the DRR mechanism in case of all disasters within his/her jurisdiction;
2. Conduct comprehensive damage and loss assessment of the environment;
3. Conduct periodic monitoring and inspection of rehabilitation programs and projects of the DENR;
4. Engage partnership with NGOs, Peoples’ Organizations, Civil Society Organizations, and community stakeholders in the monitoring and assessment of rehabilitation programs and projects of the DENR in ENR sectors; and
5. Formulate standards for rehabilitation development for inclusion in the DRR measures.

Section 7. DENR Operations Center

a. Composition

Team Leader : Director, Mines and Geosciences Bureau (MGB)

Members : Administrator, NAMRIA
Director, Strategic Communications and Initiatives Service
Director, Knowledge and Information System Service
Chief, Lands Geological Survey Division, MGB

b. Functions

The DENR Operations Center shall have the following functions:

1. Develop and disseminate crisis and risk communication messages that are timely, accurate, consistent, and actionable;

2. Gather, organize, check, and share information to DENR offices and responders to assist in making science-based decisions and actionable recommendations;
3. Collect, analyze, and validate important information about disaster or emergency (e.g. Geohazard advisory, collation of Situation Reports from the DENR Agencies, Barangay listings, Incident Report, etc.);
4. Provide secure and adaptable systems for gathering and sharing data;
5. Provide recommendations on the process and systems used to collect, analyze and validate this information;
6. Turn data and analyses into accessible, easy-to-use tools such as charts, maps, databases and using processes, tools, and information to predict future circumstances;
7. Work with partners to develop and maintain resources that support information-sharing;
8. Develop open-sourced, interactive, web-based tools for information sharing; and
9. Develop standard operating procedures, memoranda of understanding/agreements, and training to support information/knowledge management.

During the disaster, the Operations Center shall serve 24/7. It shall perform the following tasks:

1. Conduct 24/7 operations, serving as the nerve center for alert and monitoring operational coordination response and resource mobilization and information management;
2. Monitor the probable consequences of potential disasters or emergency situations
3. Coordinate with responsible agencies for the timely early warning dissemination; and
4. Prepare disaster situation report

Section 7.1 DENR DRRM Data Display Unit

The DENR DRRM Data Display Unit, under the Office of the Secretary, shall host and display the digital, spatial and regulatory data from KISS, NAMRIA, MGB, Manila Bay Coordinating Office (MBCO), LMB, EMB, FMB, LLDA, and Climate Change Service, Bureaus, Attached Agencies and Regional Operations. This shall be led by the Knowledge and Information Systems Service, and to be co-chaired by the DENR Action Center.

Section 8. DENR Earthquake Resiliency Team (ERT)

The DENR, as Chairperson of the CCAM-DRR Cabinet Cluster, shall have operational control over the Program Management Office for the Earthquake Resiliency of

the Greater Metro Manila Area (PMO-ERG), which is responsible for spearheading, orchestrating and integrating all efforts aimed at enhancing the resiliency of the Greater Metro Manila Area in preparation for major earthquakes.

The DENR provides technical support to the PMO-ERG, thru DENR Special Order 2020-40, Section II (DENR's involvement in the PMO-ERG). The DENR and its concerned Bureaus and Attached Agencies shall also represent the Department in the Inter-Agency ERT, which is co-chaired by the DENR Secretary.

Aligned with the objectives of Executive Order No. 119, series of 2020 and NDRRMC Resolution No. 2, Series of 2022, a Committee on the Establishment of the DENR Redundant Office shall also be created, to be headed by the Undersecretary for Climate Change and Undersecretary for Field Operations.

Section 9. Establishment of Disaster Risk Reduction Mechanism in the Bureaus, Attached Agencies and Regional Offices

Bureaus, Attached Agencies and Regional Offices shall establish their respective DRRM Mechanism based on these guidelines, as may be appropriate and practicable. Such a mechanism shall be submitted to the DRMM Committee.

Section 10. Disaster-related Tasks of the Administrative Service, Financial Management Service, Human Resources Development Service, and Knowledge and Information Systems Service

- a. The Administrative Service shall:
 1. Handle the Logistics, Interoperability and Force Management;
 2. Formulate policies, plans and programs on the acquisition of goods and services and infrastructure projects for disaster response;
 3. Provide technical assistance on infrastructure projects for disaster response; and
 4. Lead the conduct of assessment of DENR buildings and assets by the structural engineers.
- b. The Financial Management Service shall:
 1. Formulate policies for the DRRM fund requests considering the four (4) pillars of the DRRM (pre, during, after disaster);
 2. Process and evaluate proposals for funding of projects and activities;
 3. Validate the request for financial assistance to determine funds availability; and
 4. Monitor the utilization of fund releases.
- c. The Human Resources Development Service shall:
 1. Determine the financial and psychological support to be provided to DENR employees affected by the disaster; and
 2. Prepare requests for financial assistance for approval of the Secretary.

- d. The Knowledge and Information Systems Service shall:
1. Ensure the availability of the needed information technology infrastructure, both hardware and software;
 2. Ensure internet connectivity to ensure real time data transmission of information;
 3. Provide technical support to the DENR Operation Center and DENR Data Center.

Section 11. Separability Clause

If any provision of this Order shall be held invalid and unconstitutional, the other portions or provisions hereof which are not affected shall continue in full force and effect.

Section 12. Repealing Clause

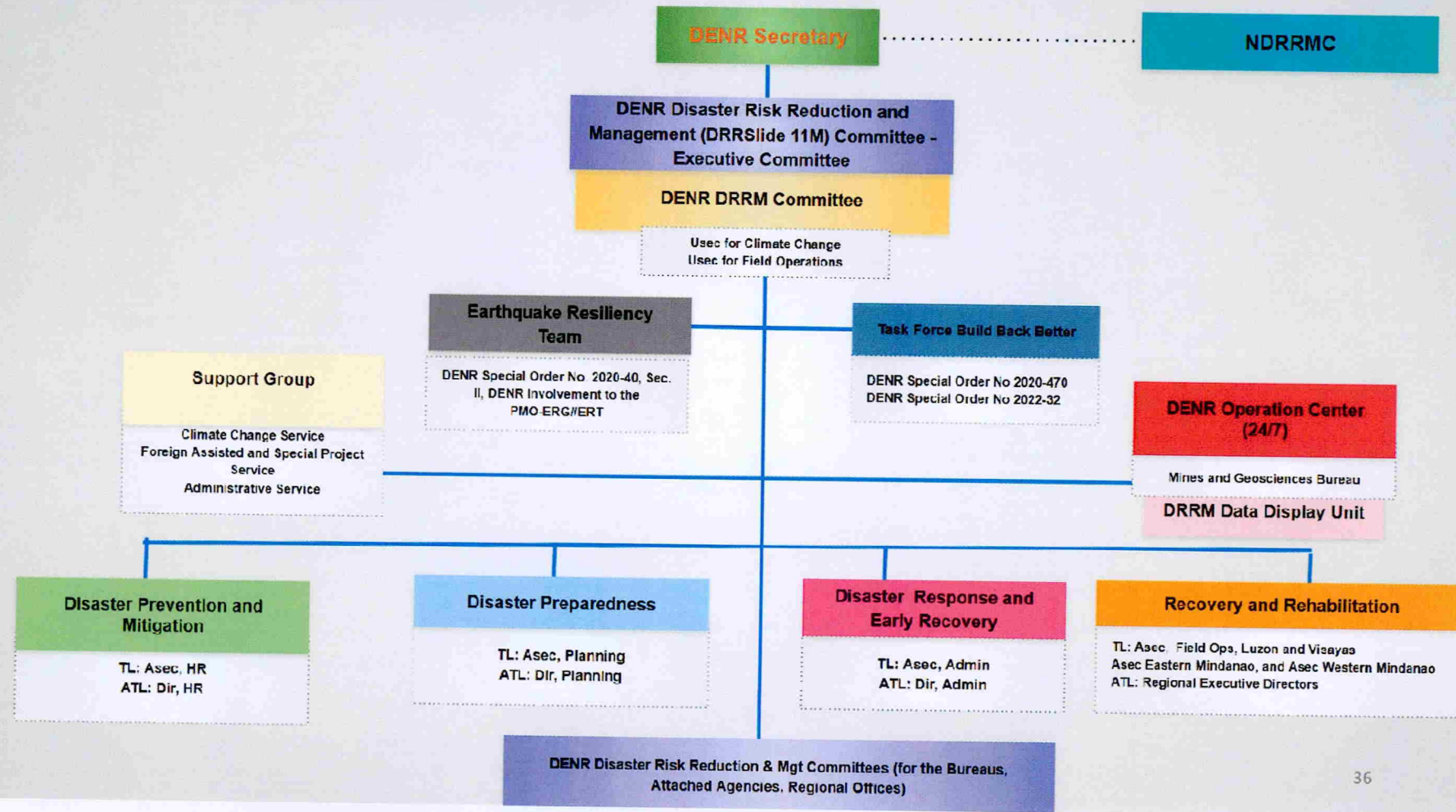
All Orders and other similar issuances inconsistent herewith are hereby revoked, amended or modified accordingly.

Section 13. Effectivity Clause

This Order shall take effect fifteen (15) days after its publication in a newspaper of national circulation and submission to the Office of the National Administrative Registry.

JIM O. SAMPULNA
Acting Secretary

DENR - DRRM Structure (6.20 version)





Republic of the Philippines
Department of Environment and Natural Resources

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DRAFT AS OF 20 June 2022

DENR Special Order
No. 2022-_____

Subject: REDEFINING THE DENR PARTICIPATION TO THE NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL (NDRRMC)

In the interest of the service and to ensure the proactive participation of the DENR to the National Disaster Risk Reduction and Management Council (NDRRMC), the following representatives to NDRRMC, its committees and clusters are hereby designated, amending Section 1 of DENR Special Order No. 2020-40, *Defining DENR Participation to the National Disaster Risk Reduction Management Council, Program Management Office for Earthquake Resiliency in Greater Metro Manila Area, and the DENR Institutional Arrangement on Disaster Risk Reduction and Management*:

DENR Participation to the National Disaster Risk Reduction and Management Council (NDRRMC)

A. National Council

High Level Committee	DENR Representatives
NDRRMC Full Council (Secretary Level)	DENR Secretary Representative: Undersecretary for Field Operations Undersecretary for Climate Change
NDRRMC Technical Management Group (Director to Undersecretary - Level)	Assistant Secretary for Field Operations- Luzon and Visayas Bureaus as needed
NDRRMC Technical Working Group	DENR MGB DENR CCS

B. NDRRM Thematic Pillars' Committees and Technical Working Group

Thematic 1 Prevention and Mitigation Pillar	
Committee / Technical Working Group	DENR Representatives
Prevention and Mitigation Pillar Meetings	DENR CCS DENR MGB
Dam Safety Technical Working Group	DENR MGB DENR EMB
NDRRMC TWG for the Development of a Functional Results-based Monitoring and Evaluation System (RBMES) for the NDRRMP 2020-2030	DENR - Assistant Secretary for Field Operations - Luzon and Visayas DENR FMB DENR MGB
NDRRMC TWG on Sendai Framework for Disaster Risk Reduction Monitoring and Reporting (SFM-TWG)	invitations to DENR and its relevant Bureaus are being coursed through osec@denr.gov.ph
Thematic 2 Preparedness Pillar	
Committee / Technical Working Group	DENR Representatives
Disaster Preparedness Pillar Technical Working Group	DENR MGB DENR CCS
22nd Gawad KALASAG Seal and Special Awards GK National Validation and Selection Committee	DENR - NAMRIA
Development of Public Service Continuity Plan (PSCP)	DENR - AS DENR MGB DENR CCS
Development of PSCP Guidebook (2nd Edition)	DENR MGB DENR AS DENR CCS
Thematic 3 Response and Early Recovery Pillar	
Intera-gency Committee on Environment and Natural Statistics (IACERNS)	DENR - KISS

Note : DENR as Chair	
Shelter Cluster Note: DENR as member agency of the Cluster	Assistant Secretary for Administration and Legislative Affairs
Thematic 4 Rehabilitation and Recovery	
	DENR Assistant Secretaries for Field Operations

C. DENR Representation to ten (10) outcomes of National Disaster Risk Reduction and Management Plan for 2020-2030

THEMATIC AREA I – DISASTER PREVENTION AND MITIGATION (8 OUTCOMES)		
Outcome No.	Lead	DENR Representatives
(1) Improved access, understanding and use of updated risk information, DRR-related statistics, and research	DOST	DENR-MGB DENR-NAMRIA, DENR-LMB DENR-FMB
(2) Implemented risk-centered national, sub-national and sectoral Policies, plans, and budgets	DILG	DENR-MGB DENR (PPS, FMS) DENR-LMB
(3) Increased structural integrity of housing, building and critical infrastructure	DPWH	DENR-LMB DENR -AS
(4) Institutionalized timely, responsive, context- and culture-specific early warning systems reaching the last mile	DOST	DENR-MGB DENR-LMB DENR- NWRB
(6) Natural resources and ecosystem integrity are improved and sustained	DENR	DENR-FMB DENR-PPS DENR-BMB DENR-LMB DENR-ERDB DENR-EMB DENR-MGB

(8) Disaster-resilient human settlements	DHSUD	DENR - MGB DENR-NAMRIA DENR-LMB
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THEMATIC AREA II – DISASTER PREPAREDNESS

Outcome	Lead	DENR Representatives
(9) Enhanced risk awareness and risk-informed decisions and actions of governments and communities	DILG	DENR-MGB DENR-SCIS All Bureaus
(11) Strengthened partnership and coordination among all key actors and stakeholders	DILG	DENR-SCIS All Bureaus
(12) Implemented comprehensive and mutually reinforcing national and local preparedness and response policies, plans, and system	DILG	DENR PPS DENR CCS All Bureaus

THEMATIC AREA III – DISASTER RESPONSE AND EARLY RECOVERY

Outcome	Lead	DENR Representatives
(13) Well-established disaster response operations with well-equipped and protected workforce and volunteers PDRA analyst and Core Group Meetings	DSWD	DENR MGB (PDRA) All Bureaus
(15) Accurate, reliable and timely information management Activation of QRT for the conduct of Rapid Geohazards Assessment	DSWD	DENR-MGB

THEMATIC AREA IV - DISASTER REHABILITATION AND RECOVERY

Outcome	Lead	DENR Representatives
(18) Clear policy directions for rehabilitation and recovery post geo-hazard assessment including other hazard - ensure safe resettlement site; build back better	NEDA	DENR - CCS DENR - MGB (PDNA) All Bureaus and Attached Agencies, as needed

(19) Sustainable and socially-inclusive income sources for households are made available and stability of economic activities restored	DTI	DENR-FMB DENR-BMB
(21) Affected families and individuals have access to: (a) affordable disaster-resilient housing that are located in safe zones where social services and public facilities are available; or, (b) financial assistance to rebuild houses in areas that are declared as safe zones issuance of Geohazard certification upon request	DHSUD	DENR-MGB NAMRIA DENR-LMB DENR-EMB

All expenses to be incurred in carrying out the functions of the offices relative to the Order shall be charged against the respective agency funds, subject to usual auditing and accounting rules and regulations.

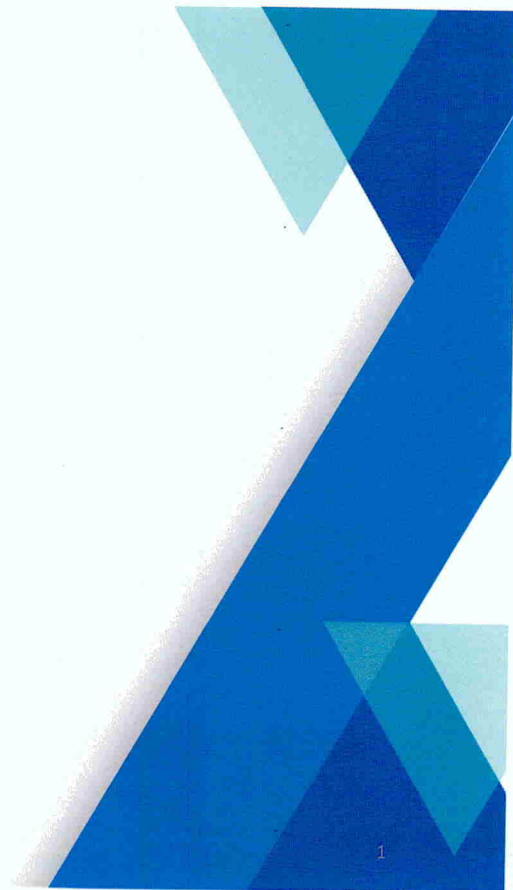
This Order shall take effect immediately and supersede all other orders inconsistent herewith.

JIM O. SAMPULNA
Acting Secretary

Defining and Clarifying DENR's Mechanisms for Disaster Risk Reduction and Management, and the Proposed establishment of the DENR DRRM Committee



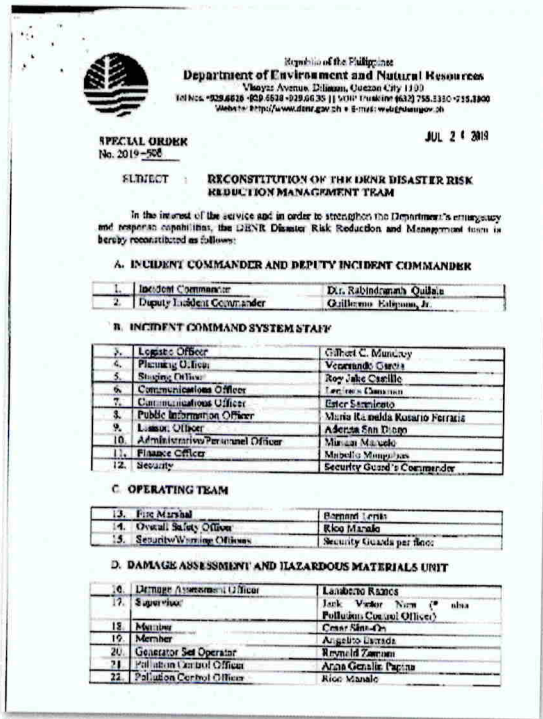
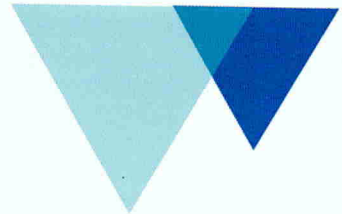
ATTY. ANALIZA REBUelta-TEH
Undersecretary for Finance, Information Systems and
Climate Change



Outline

1. Existing mechanism
 - a. [DENR Special Order No. 2019-508](#)
 - b. [DENR Special Order 2020-40](#)
 - DENR Involvement in the Program Management Office for Earthquake Resiliency of the GMMA (PMO-ERG)
 - b. [DENR Special Order No. 2020-470 \(TFBBB1\)](#)
 - c. [DENR Special Order No. 2022-32 \(TFBBB2\)](#)
 - d. [DENR Representation to the NDRRMC](#)
2. Proposed Mechanism [[structure](#)]
 - c. 4 Pillars of Disaster Risk Reduction Management
 - d. Scope
 - e. Objectives
 - f. DRRM Committee
 - g. DRRM Support Group
 - h. DENR DRRM Data Display Unit
 - i. DRRM Teams
 - i. Disaster Prevention and Mitigation Team (DPMT)
 - ii. Disaster Preparedness Team (DPT)
 - iii. Disaster Response and Early Recovery Team (DRERT)
 - iv. Disaster Rehabilitation and Recovery Team (DRRT)
 - j. DENR Operation Center (DOC)
 - k. DENR Earthquake Resiliency Team (ERT)
 - l. DRRM Mechanism in Bureaus, Attached Agencies and Regional Offices

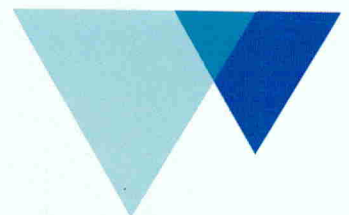




DENR Special Order No. 2019-508

Reconstitution of the DENR Risk Reduction and Management Team

- Incident Commander shall submit a monthly situation report to the Secretary through Undersecretary for Administration
- IC shall submit regular bulletin and final incident report in the event of occurrence of emergency/disasters



DENR Special Order No. 2020-40

II. DENR involvement in the Program Management Office for the Earthquake Resiliency of the Greater Metro Manila Area (PMO-ERG)

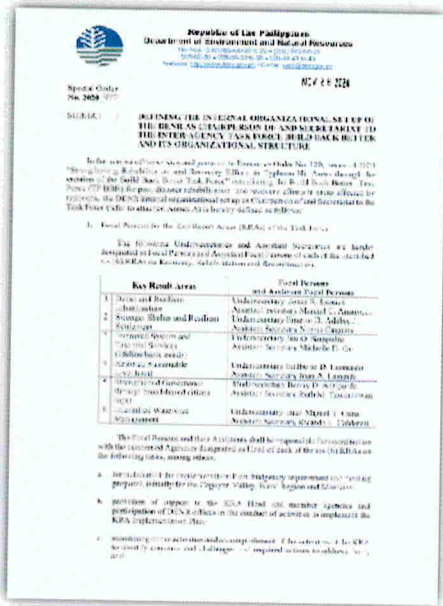
The PMO-ERG is the primary body responsible for spearheading, orchestrating and integrating all efforts aimed at enhancing the resiliency of the GMMA in preparation for major earthquakes. The DENR serves as Co-Chairperson of the PMO-ERG. To enhanced technical support of the DENR to the PMO-ERG, the following are hereby designated, as follows:

- A. As focal persons for policy issues and issues at the PMO level**
- Undersecretary for Climate Change
 - Assistant Secretary for Climate Change
 - Director for Climate Change Service
- B. Representative to the Technical Working Group (TWG)**
- Heads of Bureaus and Attached Agencies

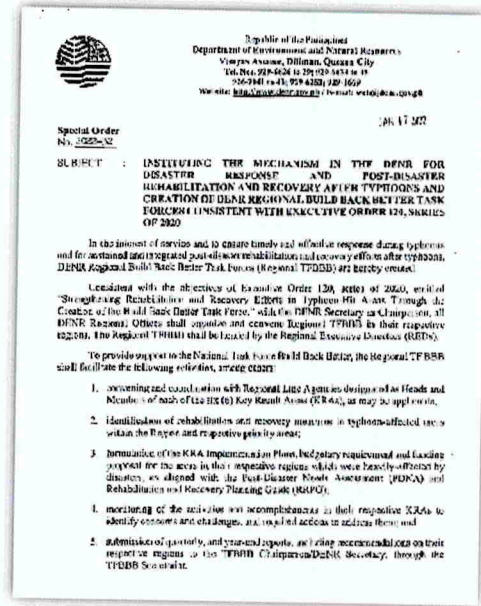
They shall ensure that plans for prevention and preparation are formulated and implemented properly.

- Big One : PMO -ERG representation
- Based on EO/SO
- Based on records of attendance of PMO-ERG/ERT



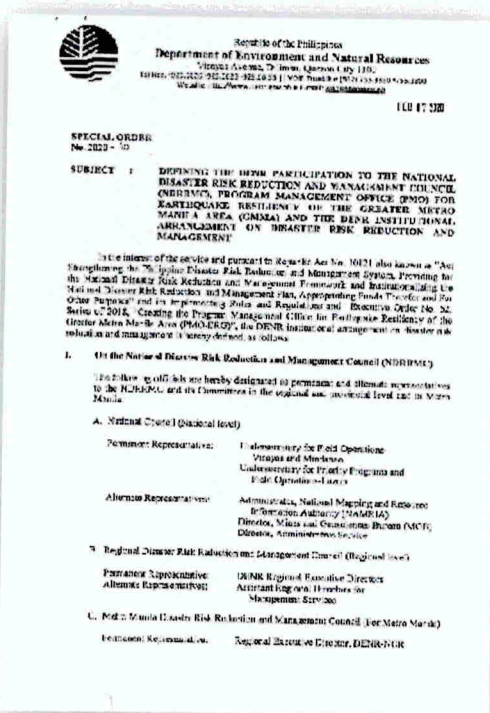
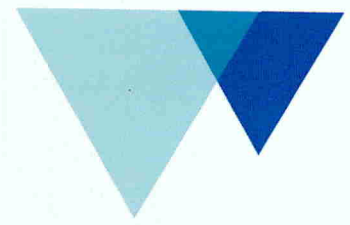


DENR Special Order No. 2020-470
 Defining the internal organizational setup of the DENR as chairperson of and secretariat of the Inter-agency Task Force Build Back Better and its Organizational Structure



DENR Special Order No. 2022-32
 Instituting the mechanism in the DENR for disaster response and post-disaster rehabilitation and recovery after typhoons and creation of DENR Regional Build Back Better Task Forces consistent with Executive Order No. 120, series of 2020

21 March 2022 | Issues, Concerns and Remarks of the Agencies



DENR Special Order No. 2020-40

Defining the DENR Participation to the National Disaster Risk Reduction and Management Council (NDRRMC), Program Management Office (PMO) for Earthquake Resiliency of the Greater Metro Manila Area (GMMA) and the DENR Institutional Arrangement on DRRM



DENR Representation to the NDRRMC

OFFICE OF CIVIL DEFENSE
 Department of National Defense
 Camp Gen. Emilio Aguinaldo, Quezon City, Philippines

ANNEX

MEMBERSHIP OF DENR TO THE FF NDRRMC COMMITTEES:

High Level Committee	DEPARTMENTAL (Q) AND ATTACHED DIVISIONS MEETING
NDRRMC FULL COUNCIL (Secretary level)	Asst. Sec. Gilbert C. Gonzalez Assistant Secretary for Field Operations Luzon and Visayas
NDRRMC TECHNICAL MANAGEMENT GROUP (Director or Undersecretary-level)	
NDRRMC TECHNICAL WORKING GROUP	Ms. Lea Socorro Miranda-DENR-MGB Ms. Marlene Villalva-DENR-MGB Ms. Romel Nopras-DENR-CCS Ms. Maryal Cabahug-DENR-MGB Ms. Rosalyn Ortega-DENR-CCS Ms. Jenette Castro-DENR-MGB

Note: Meetings are conducted on a quarterly basis or as needed.

TECHNICAL PILLAR	CURRENT / TECHNICAL WORKING GROUP (TWG)	RESPONSIBLE AGENCIES / DIVISIONS
POLLUTION MITIGATION PILLAR	<p>1. AM Filter Meeting</p> <p>2. AM Filter TWG</p> <p>NDRRMC TWG for the Development of a Functional Residue-based Monitoring and Reporting System (RMRS) for the NDRRMP 2020-2030 (RMRS TWG)</p> <p>NDRRMC TWG on Serial Assessment for Disaster Risk Reduction Monitoring and Reporting (SRM-TWG)</p>	<p>Dr. Liende Jaspuz-DENR-CCS Mr. Can Louie S. Santiago-DENR-CCS Ms. Cynthia Melara-DENR-CCS Ms. Michelle M. Villalva-DENR-MGB Ms. Maryal Krysta L. Cabahug-DENR-MGB Mr. Amado Faustino-DENR-MGB Mr. Eduardo Aguirre-DENR-MGB Asst. Gilbert C. Gonzalez Assistant Secretary for Field Operations Luzon and Visayas Ms. Angela Pasion-TWR Ms. Michelle Villalva, MGB Ms. Jocelyn M. Uson Ecosystem Management Specialist</p> <p><i>Note: Invitations to DENR and its relevant Bureau are being issued usually to concerned agencies.</i></p>

PREPAREDNESS PILLAR	<p>Cluster Preparedness Plan</p> <p>20th Gawad MAASIG Soil and Water Conservation Award</p> <p>Development of the Public Service Continuity Plan Checklist</p> <p>Development of the Public Service Continuity Plan Guidebook 2nd Edition</p>	<p>Ms. Rina Rose Marie Angulo-M Villalva, DENR-MGB Ms. Inara B. Capasa-DENR-MGB Ms. Le C. Silva, DENR-CCS Ms. Rosalyn Ortega, DENR-CCS Mr. Ricardo Andres M. Nopras, DENR-CCS Ms. Raquel Smith C. Ortaga, DENR-CCS</p> <p>Mr. Wilfredo Pineda, DENR-NWRRA Mr. Noel Dana, DENR-NWRRA</p> <p>Ms. Leticia Villalva-Santiago, DENR-MGB Ms. April L. Uson, DENR-MGB Ms. Maryal Krysta L. Cabahug, DENR-MGB</p> <p>Ms. April C. Castro, DENR-MGB Ms. Maryal Krysta L. Cabahug, DENR-MGB</p>
RECOVERY PILLAR	<p>Disaster Risk Reduction Management Group Meeting</p> <p>Action Training Workshop</p>	<p>Ms. Marlene Villalva-DENR-MGB Mr. Amado Faustino-DENR-MGB</p>
RESPONSE PILLAR	<p>Emergency Committee on Environment and Natural Statistics (ECEENS)</p> <p><i>Note: DENR is Chair</i></p> <p>Shelter Cluster</p> <p><i>Note: DENR is member agency of the Cluster</i></p>	<p>Dr. Maria Elena Amoroso, Ateneo, DENR-CCS</p> <p>Asst. Sec. Jocelyn M. Uson for Rehabilitation and Legislative Affairs</p>

Note: DENR is the lead agency for NDRRMP Plan 2020-2030 Outcome 6: Natural resources and ecosystems are improved and sustained.

DENR is also an implementing agency of nine (9) Outcomes covering all the Thematic Pillars NDRRMP 2020-2030: 1, 2, 3, 4, 5, 11, 18, 21.



"Typhoon Odette" Scenario

Issues/Concerns
 Social : Loss of houses, loss of livelihood, food etc.
 Envi: waste/debris, fallen trees, water shortage
 infra: roads, bridges, offices

- Actions Taken:**
- TFBBB issuance of DENR S.O. for Regional TFBBB operations
 - Coordination with PCA - fallen trees
 - MGB/BMB for the assessment of the relocation sites
 - Coordination with DOE for the restoration of energy
 - Green Assessment | MIMAROPA (Palawan) & Siargao Island
 - TFBBB Secretariat | community build back better encounters (Siargao and Palawan)
 - Assessment of damages with losses and needs in affected Regional Offices (check on office buildings, equipment and employees)



Photo Credit: Environment New Service



“Phreatic Eruption of Mt. Bulusan ” Scenario

Issues/Concerns

Social: need for evacuation of affected residents, possible contamination of water sources by the ashfall; public health warning by DOH on volcanic ash emitted by Bulusan; closure of tourist destinations

Envi: Ash fall, water quality (contamination)

Actions Taken:

- EMB Region 5 - Air Quality Monitoring, and Water Quality Monitoring



ASHFALL | Mount Bulusan explodes on Sunday morning, after more than eight months of being under alert level 0, sending gray plumes into the sky and raining down ash on several villages in the towns of Juban and Irosin, Sorsogon, and forcing the evacuation of hundreds of families. (Photo from the Sorsogon Provincial Information Service)

9



“Big One ” Scenario

Issues:

-potentially catastrophic earthquake (magnitude 7.2) in the Greater Metro Manila Area (GMMMA), which is the center of government, business and commerce, banking and finance
-affected areas: NCR, Bulacan, Cavite, Laguna, Rizal, Pampanga, and Batangas

-worst case scenario:

- a. no water and food supply
- b. power blackout
- c. no communications
- d. roads and bridges rendered impassable
- e. collapsed/damaged buildings and houses
- f. simultaneous fires
- g. looting incidents

AS A RESULT: MOST IF NOT ALL WILL BECOME VICTIMS.

There is a need to capacitate DENR employees to prepare for the Big One.



10



"Big One" Scenario

Related actions taken:

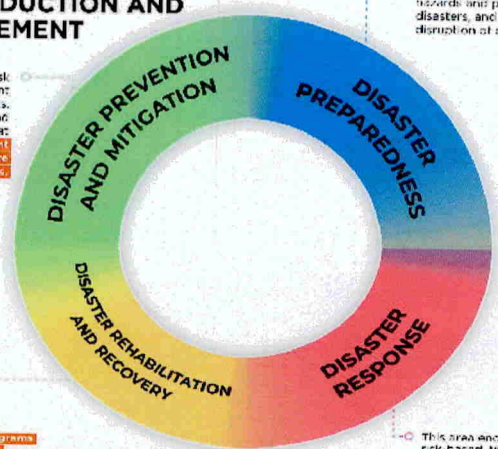
- Active participation to the PMO-ERG and Inter-Agency Earthquake Resiliency Team (operationally controlled by the DENR Secretary as CCAM-DRR Cabinet Cluster Chairperson)
 - water concerns - NWRB
 - mapping of safe open spaces - NAMRIA
 - hazardous wastes - EMB
- Crafting of the DENR Central Office Public Service Continuity Plan (PSCP)
- Ongoing enhancement of PSCP
- Ongoing communications re: DENR Redundant Office in the National Government Administrative Center (NGAC) in New Clark City
- Capacity building (conduct of earthquake drills, orientation on OPLAN YAKAL etc.)



Proposed Mechanism

THE FOUR THEMATIC AREAS OF DISASTER RISK REDUCTION AND MANAGEMENT

This refers to risk management programs, projects, activities, and policies aimed at addressing current and reducing future risks of communities.



This refers to programs and projects that address disaster losses. Relief, recovery programs must be aligned to sustainable development and build back better principle.

This area aims to strengthen capacities of governments, communities, Civil Society Organizations and private sector to anticipate, cope, and recover from the adverse impacts of hazards and potential cascading disasters, and minimize losses and disruption of daily life.

This area encompasses risk-based, timely and anticipatory response actions to address basic life preservation and immediate needs of affected communities. This also aims to minimize exacerbation of emergency situation.

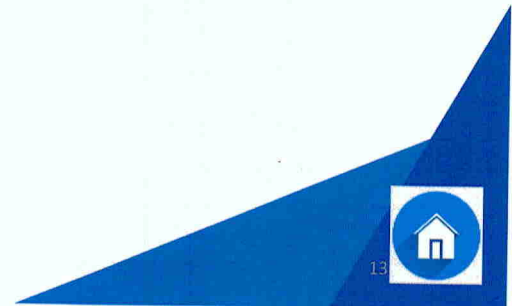
4 Pillars of Disaster Risk Reduction & Management

1. Prevention and Mitigation
2. Preparedness
3. Response and Early Recovery
4. Recovery and Rehabilitation

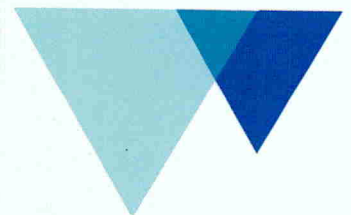


Scope

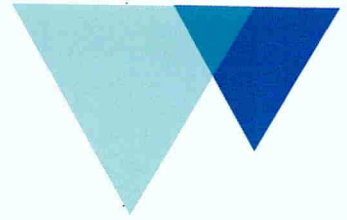
1. Environment and natural resources (ecosystem, biodiversity etc.)
2. DENR internal (assets, personnel)



Objectives



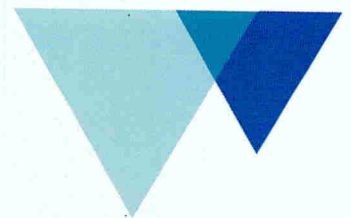
- define the mechanism within the DENR to improve governance in the management and reduction of risks brought by disasters to the environment, natural resources and to the DENR organization and operations
- enable the implementation of :
 - (a) a flexible, integrated system that can be used for any incident or disaster; and
 - (b) the identification of policies and strategies to improve DENR's disaster and emergency planning and response.



DRRM Committee

Composition

Chairperson	Secretary
Vice Chairperson	Undersecretary for Climate Change
Co-Vice Chairpersons	Undersecretary for Field Operations - Luzon and Visayas Undersecretary for Field Operations - Mindanao
Members	All Undersecretaries All Assistant Secretaries All Bureau Directors All Heads of Attached Agencies



DRRM Committee

Functions

- Serve as the central coordinating group to oversee the DRRM mechanism and operations of the Department
- Provide oversight to the implementation of the DRRM work in the DENR;
- Ensure synergy and coherence in the DRRM implementation of the DENR through close coordination with NDRRMC, TFBBB, PMO-ERG, DRRM Teams
- Support the DENR Operation Center (DOC) as a decision support system to enhance DRRM in the DENR;
- Operationalize the Public Service Continuity Plan (PSCP) during disaster in coordination with concerned Offices; and
- Oversee and ensure the active involvement of the DENR to the NDRRMC, its clusters and committees.



DRRM Committee – Support Group

The **Support Group**– serve as Secretariat

- *provide support in the monitoring and evaluation of DENR-wide DRRM work
- *ensure timely submission of necessary reports by concerned Teams/Offices to the Secretary

- Team Leader : Director, Climate Change Service
- Co-Team Leaders : Director, Foreign-assisted and Special Projects Service
Director, Administrative Service
- Members : Head, DENR Action Center/Hotline 8888
Director, Knowledge and Information Systems Service
Director, Strategic Communication and Initiatives Service
Focal Persons, Offices of the Undersecretaries for Field Operations



DRRM Teams

Responsible for the planning, implementation, monitoring and evaluation of the pillars of disaster risk reduction and management. These are:

- Disaster Prevention and Mitigation Team (DPMT)
- Disaster Preparedness Team (DPT)
- Disaster Response and Early Recovery Team (DRERT)
- Disaster Rehabilitation and Recovery Team (DRRT)



DRRM Teams

Disaster Prevention and Mitigation Team (DPMT)

Composition

Team Leader : Assistant Secretary for Planning and Policy Service

Assistant Team Leader : Director, Policy and Planning Service

Members : Director, Mines and Geosciences Bureau

Director, Environmental Management Bureau

Director, Ecosystems Research and Development Bureau

Director, Forest Management Bureau

Executive Director, National Water Resources Board

Executive Director, River Basin Control Office

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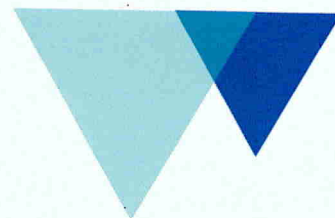
Disaster Prevention and Mitigation Team (DPMT)

Functions

1. Serve as planning and policy formulation team;
2. Formulate and review DENR'S DRRM Annual Plans and Programs;
3. Review the Regional DRRM Plans;
4. Conduct research and special studies in support of DRRM policy development;
5. Formulate preventive and mitigation policies such as Infrastructure standard, disaster risk governance;
6. Mainstream DRRM into the DENR planning system;
7. Develop the Green Assessment Framework towards a Green Recovery, Reconstruction and Building Climate-resilient Communities, in coordination with the Support Group;
8. Conduct hazard identification, vulnerability and capacity assessment, and environmental risk assessments; and
9. Conduct simulation exercises on preparedness and response for single and multiple hazards.

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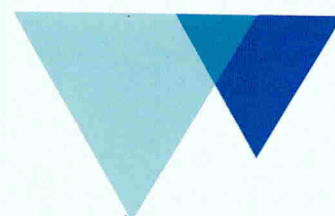




Disaster Preparedness Team (DPT) (Capacity Building and Training)

Composition

Team Leader	Assistant Secretary for Human Resources
Assistant Team Leader	Director, Human Resource Development Service
Members	Director, Climate Change Service Assistant Directors Environmental Management Bureau Mines and Geoscience Bureau Biodiversity Management Bureau Forest Management Bureau



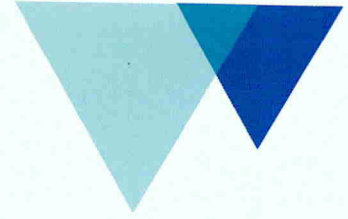
Disaster Preparedness Team (DPT)

Functions

Serve as the Capacity Building and Training Team with the following functions;

1. Conduct training needs assessment;
2. Develop and implement training plans and programs;
3. Monitor and evaluate the delivery and implementation of training programs and conduct trainor's training on DRR and Green Assessment, in coordination with the Support Group;
4. Mainstream DRRM into the DENR planning system;
5. Prepare manual of operations for Incident Commanders;
6. Ensure availability of lifelines in case of disasters;
7. Develop and establish early warning systems within DENR; and
8. Develop, review and implement contingency plans, including the DENR PSCP, in coordination with the DPMT and DRERT.



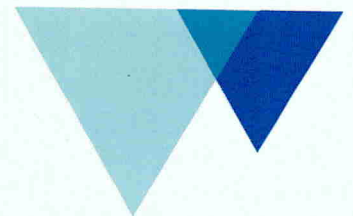


Disaster Response and Early Recovery Team (DRERT)

Composition

Team Leader	Assistant Secretary for Administration
Deputy Team Leader	Director, Administrative Service

- The **Director, Administrative Service**, designated as the Incident Commander pursuant to DENR Special Order 2019-508 shall serve as the Deputy Team Leader of the DRERT.
- The DENR Disaster Risk Reduction Management Team under DENR Special Order No. 2020-40 shall henceforth be called the DRERT and shall undergo periodic updating of its members.

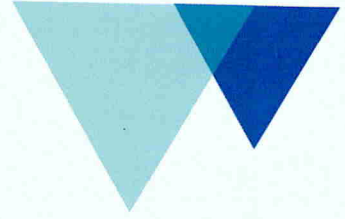


Disaster Response and Early Recovery Team (DRERT)

Functions

1. Activate relief distributions;
2. Adopt the standard operating procedures of Rapid Damage Assessment and Needs Analysis (RDANA) as a disaster response tool;
3. Formulate plans, protocols, policies on DENR's response initiatives, activities per identified hazards;
4. Provide emergency service and assistance in order to save lives ensure availability of lifelines of affected DENR community during or immediately after a disaster;
5. Prepare the manual of operations for Incident Commanders and implement and monitor DRERT's mobilization;
6. Develop, review, and implement contingency plans;
7. Improve skills in search, rescue, and retrieval operations and conduct of emergency drills (e.g. fire, earthquake, and others) in coordination with the DPT; and
8. Establish linkages for the mobilization of support and resources.





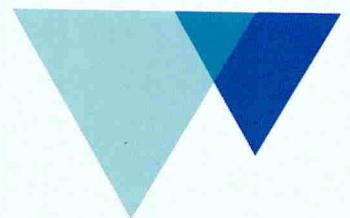
Disaster Rehabilitation and Recovery Team (DRRT)

TFBBB shall remain functional to address rehabilitation and recovery in disaster affected areas. Regional Task Force Build Back Better (DENR Team) shall serve as the Regional DRRT.

Composition	Team Leader	Regional Executive Director
-------------	-------------	-----------------------------

Functions

1. Activate the DRR mechanism in case of all disasters within his/her jurisdiction;
2. Conduct comprehensive damage and loss assessment of the environment;
3. Conduct periodic monitoring and inspection of rehabilitation programs and projects of the DENR;
4. Engage partnership with NGOs, Peoples' Organizations, Civil Society Organizations, and community stakeholders in the monitoring and assessment of rehabilitation programs and projects of the DENR in ENR sectors; and
5. Formulate standards for rehabilitation development for inclusion in the DRR measures.

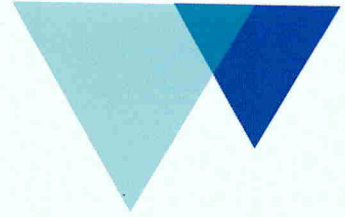


DENR Operations Center (DOC)

Composition

Team Leaders	Director, Mines and Geosciences Bureau (MGB)
Members	Administrator, NAMRIA Director, Strategic Communications and Initiatives Service Director, Knowledge and Information Systems Service Chief, Lands Geological Survey Division, MGB

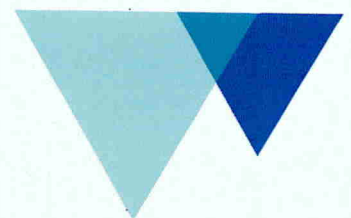




DENR Operations Center (DOC)

Functions

- Develop and disseminate crisis and risk communication messages that are timely, accurate, consistent, and actionable;
- Gather, organize, check, and share information to DENR offices and responders to assist in making science-based decisions and actionable recommendations;
- Collect, analyze, and validate important information about disaster or emergency;
- Provide secure and adaptable systems for gathering and sharing data;
- Provide recommendations on the process and systems used to collect, analyze and validate this information;

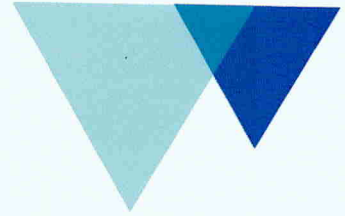


DENR Operations Center (DOC)

Functions

- Turn data and analyses into accessible, easy-to-use tools such as charts, maps, databases and using processes, tools, and information to predict future circumstances;
- Work with partners to develop and maintain resources that support information-sharing;
- Develop open-sourced, interactive, web-based tools for information sharing; and
- Develop standard operating procedures, memoranda of understanding/agreements (MOUs/MOAs), and training to support information/knowledge management.



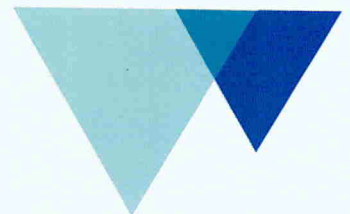


DENR Operations Center (DOC)

Functions

During the disaster, the **DENR Operations Center shall operate 24/7**. It shall perform the following tasks:

1. Conduct 24/7 operations, serving as the nerve center for alert and monitoring operational coordination response and resource mobilization and information management;
2. Monitor the probable consequences of potential disasters or emergency situations;
3. Coordinate with responsible agencies for the timely early warning dissemination; and
4. Prepare disaster situation report.



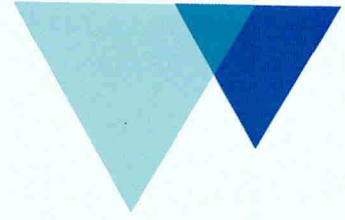
DENR DRRM Data Display Unit

Functions

The DENR DRRM Data Display Unit, under the Office of the Secretary, shall host and display the digital, spatial and regulatory data from KISS, NAMRIA, MGB, Manila Bay Coordinating Office (MBCO), LMB, EMB, FMB, LLDA, and Climate Change Service, Bureaus, Attached Agencies and Regional Operations.

This shall be led by the Knowledge and Information Systems Service, and to be co-chaired by the DENR Action Center.

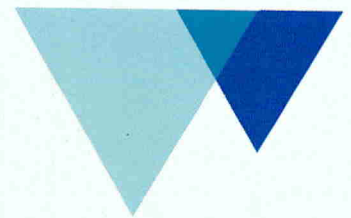




DENR Earthquake Resiliency Team (ERT)

- The DENR, as Chairperson to CCAM-DRR Cabinet Cluster, shall have operational control over the Program Management Office for the Earthquake Resiliency of the Greater Metro Manila Area (PMO-ERG)
- The DENR provides technical support to the PMO-ERG
- Creation of a Committee on the Establishment of the [DENR Redundant Office](#) headed by the Undersecretary for Climate Change and Undersecretary for Field Operations. (Executive Order No. 119, series of 2020 and NDRRMC Resolution No. 2, Series of 2022)

Note: DENR recently issued letter of intent to BCDA re: establishment of DENR Redundant Office in the National Government Administrative Center (NGAC) in New Clark City, Tarlac



DRRM Mechanism in Bureaus, Attached Agencies and Regional Offices

Bureaus, Attached Agencies and Regional Offices shall establish their respective DRRM Mechanism based on these guidelines, as may be appropriate and practicable. Such mechanism shall be submitted to the DRMM Committee.



Disaster-related Tasks of the AS, FMS, HRDS, KISS

The **Administrative Service (AS)** shall:

1. Handle the Logistics, Interoperability and Force Management;
2. Formulate policies, plans and programs on the acquisition of goods and services and infrastructure projects for disaster response;
3. Provide technical assistance on infrastructure projects for disaster response; and
4. Lead the conduct of assessment of DENR buildings and assets by the structural engineers.

The **Financial Management Service (FMS)** shall:

1. Formulate policies for the DRRM fund requests considering the four (4) pillars of the DRRM (pre, during, after disaster);
2. Process and evaluate proposals for funding of projects and activities;
3. Validate the request for financial assistance to determine funds availability; and
4. Monitor the utilization of fund releases.



Disaster-related Tasks of the AS, FMS, HRDS, KISS

Human Resources Development Service (HRDS) shall:

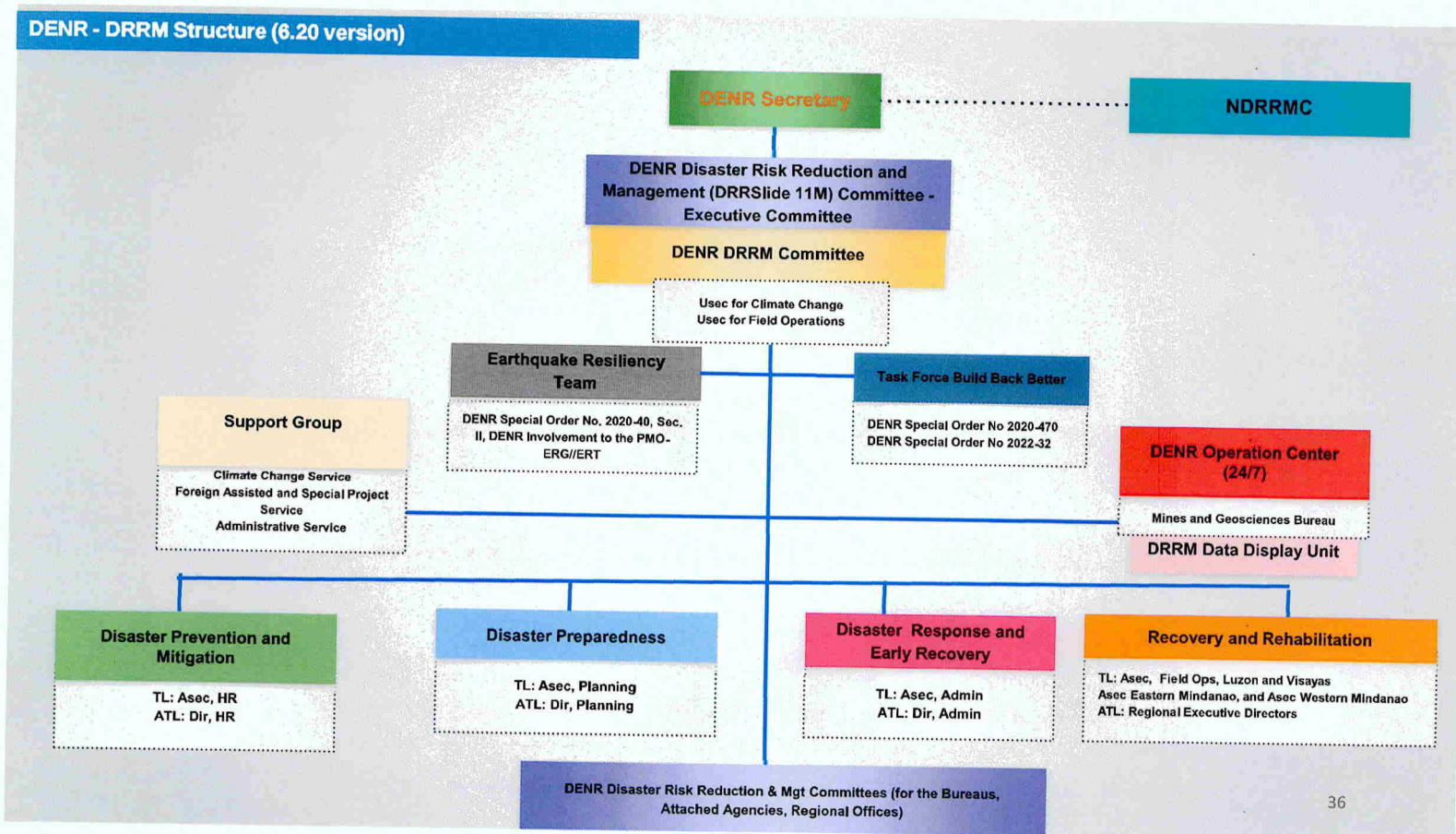
1. Determine the financial and psychological support to be provided to DENR employees affected by the disaster; and
2. Prepare requests for financial assistance for approval of the Secretary.

Knowledge and Information Systems Service (KISS) shall:

1. Ensure the availability of the needed information technology infrastructure, both hardware and software;
2. Ensure internet connectivity to ensure real time data transmission of information;
3. Provide technical support to the DENR Operation Center and DENR Data Center.



DENR - DRRM Structure (6.20 version)



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Proposed Mechanism

DENR Participation to the National Disaster Risk Reduction and Management Council (NDRRMC)

National Council

High Level Committee	DENR Representative(s)
NDRRMC Full Council (Secretary Level)	DENR Secretary Representatives: Undersecretary for Field Operations Undersecretary for Climate Change
NDRRMC Technical Management Group (Director to Undersecretary - Level)	Assistant Secretary for Field Operations -Luzon and Visayas Bureaus, as needed
NDRRMC Technical Working Group	DENR MGB DENR CCS

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DENR Participation to the National Disaster Risk Reduction and Management Council (NDRRMC)

NDRRM Thematic Pillars' Committees and Technical Working

Thematic 1 Prevention and Mitigation Pillar	
Committee / Technical Working Group	DENR Representative(s)
Prevention and Mitigation Pillar Meetings	DENR CCS DENR MGB
Dam Safety Technical Working Group	DENR MGB DENR EMB
NDRRMC TWG for the Development of a Functional Results-based Monitoring and Evaluation System (RBMES) for the NDRRMP 2020-2030	DENR - Assistant Secretary for Field Operations - Luzon and Visayas DENR FMB DENR MGB
NDRRMC TWG on Sendai Framework for Disaster Risk Reduction Monitoring and Reporting (SFM-TWG)	NDRRMC invitations to DENR and its relevant Bureaus are being coursed through osec@denr.gov.ph
	DENR Assistant Secretaries for Field Operations

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DENR Participation to the National Disaster Risk Reduction and Management Council (NDRRMC)

NDRRM Thematic Pillars' Committees and Technical Working

Thematic 2 Preparedness Pillar	
Committee / Technical Working Group	DENR Representative(s)
Disaster Preparedness Pillar Technical Working Group	DENR MGB DENR CCS
22nd Gawad KALASAG Seal and Special Awards GK National Validation and Selection Committee	DENR - NAMRIA
Development of Public Service Continuity Plan (PSCP)	DENR - Administrative Service DENR MGB DENR CCS
Development of PSCP Guidebook (2nd Edition)	DENR MGB DENR Administrative Service DENR CCS

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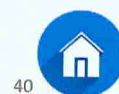




DENR Participation to the National Disaster Risk Reduction and Management Council (NDRRMC)

NDRRM Thematic Pillars' Committees and Technical Working

Thematic 3 Response and Early Recovery Pillar	
Intera-gency Committee on Environment and Natural Statistics (IACERNS) Note : DENR as Chair	DENR - KISS
Shelter Cluster Note: DENR as member agency of the Cluster	Assistant Secretary for Administration and Legislative Affairs
Thematic 4 Rehabilitation and Recovery	
	DENR Assistant Secretaries for Field Operations



DENR Participation to the National Disaster Risk Reduction and Management Council (NDRRMC)

DENR Representation to 14 outcomes of National Disaster Risk Reduction and Management Plan for 2020–2030

THEMATIC AREA I – DISASTER PREVENTION AND MITIGATION (8 OUTCOMES)		
Outcome No.	Lead	DENR Representatives
(1) Improved access, understanding and use of updated risk information, DRR-related statistics, and research	DOST	DENR-MGB DENR-NAMRIA, DENR-LMB DENR-FMB
(2) Implemented risk-centered national, sub-national and sectoral Policies, plans, and budgets	DILG	DENR-MGB DENR (PPS, FMS) DENR-LMB
(3) Increased structural integrity of housing, building and critical infrastructure	DPWH	DENR-LMB DENR-AS
(4) Institutionalized timely, responsive, context- and culture-specific early warning systems reaching the last mile	DOST	DENR-MGB DENR-LMB DENR- NWRB





DENR Participation to the National Disaster Risk Reduction and Management Council (NDRRMC)

DENR Representation to 14 outcomes of National Disaster Risk Reduction and Management Plan for 2020–2030

THEMATIC AREA I – DISASTER PREVENTION AND MITIGATION (8 OUTCOMES)		
Outcome No.	Lead	DENR Representatives
(6) Natural resources and ecosystem integrity are improved and sustained	DENR	DENR-FMB DENR-PPS DENR-BMB DENR-LMB DENR-ERDB DENR-EMB DENR-MGB
(8) Disaster-resilient human settlements	DHSUD	DENR-MGB DENR-NAMRIA DENR-LMB

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DENR Participation to the National Disaster Risk Reduction and Management Council (NDRRMC)

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THEMATIC AREA II – DISASTER PREPAREDNESS		
Outcome	Lead	DENR Representatives
(9) Enhanced risk awareness and risk-informed decisions and actions of governments and communities	DILG	DENR-MGB DENR-SCIS All Bureaus
(11) Strengthened partnership and coordination among all key actors and stakeholders	DILG	DENR-SCIS All Bureaus
(12) Implemented comprehensive and mutually reinforcing national and local preparedness and response policies, plans, and system	DILG	DENR PPS DENR CCS All Bureaus

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DENR Participation to the National Disaster Risk Reduction and Management Council (NDRRMC)

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THEMATIC AREA III - DISASTER RESPONSE AND EARLY RECOVERY		
Outcome	Lead	DENR Representatives
(13) Well-established disaster response operations with well-equipped and protected workforce and volunteers PDRA analyst and Core Group Meetings	DSWD	DENR MGB (PDRA) All Bureaus
(15) Accurate, reliable and timely information management Activation of QRT for the conduct of Rapid Geohazards Assessment	DSWD	DENR-MGB



DENR Participation to the National Disaster Risk Reduction and Management Council (NDRRMC)

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THEMATIC AREA IV - DISASTER REHABILITATION AND RECOVERY		
Outcome	Lead	DENR Representatives
(18) Clear policy directions for rehabilitation and recovery post geo-hazard assessment including other hazard - ensure safe resettlement site; build back better	NEDA	DENR - CCS DENR - MGB (PDNA) All Bureaus and Attached Agencies, as needed
(19) Sustainable and socially-inclusive income sources for households are made available and stability of economic activities restored	DTI	DENR-FMB DENR-BMB
(21) Affected families and individuals have access to: (a) affordable disaster-resilient housing that are located in safe zones where social services and public facilities are available; or, (b) financial assistance to rebuild houses in areas that are declared as safe zones issuance of Geohazard certification upon request	DHSUD	DENR-MGB NAMRIA DENR-LMB DENR-EMB



Proposed Documents

- Draft [DENR Administrative Order](#)
- Draft [DENR Special Order](#)

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Consultation meeting with Assistant Secretary for Field Operations - Luzon and Visayas and Mines and Geosciences Bureau (MGB)

June 10, 2022

- MGB suggested that the functions of the earlier proposed DRRM Coordinating Center be carried out by the DRRM Committee itself, which is headed by the DENR Secretary;
- Maintain the DENR Operation Center (thru MGB) as it is consistent with the NDRRMC Requirement and already established as a science warning agency of the Council;
- Display the processed data in the Display Unit under the Office of the Secretary for information and immediate instruction, if necessary;
- Review the DENR's representation to the NDRRMP Outcomes.

DENR Action Center likewise submitted comments.

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Comments Received

OFFICE	COMMENTS	REMARKS
<p data-bbox="289 438 407 470">FMB, LMB,</p> <p data-bbox="191 575 505 608">Policy and Planning Service</p>	<p data-bbox="639 416 987 510">Basic Policy, Scope and Coverage, Definition of Terms, Frequency of meetings</p> <p data-bbox="639 553 980 613">Basic Policy, Scope and Coverage, Definition of Terms</p> <p data-bbox="639 647 1000 864">DRRM Committee, Coordinating Center, and Teams is recommended to be supported by a Special Order; Basic Policy, Scope and Coverage, Definition of Terms, Frequency of meetings</p>	<p data-bbox="1110 406 1446 500">Already included. Draft DENR Administrative Order (basic policy et.al)</p>

Comments Received

OFFICE	COMMENTS	REMARKS
<p data-bbox="142 1617 521 1712">Office of the Undersecretary for Policy, Planning and International Affairs</p>	<p data-bbox="639 1612 943 1639">Add functions under DRERT:</p> <ul data-bbox="656 1642 997 1819" style="list-style-type: none"> - Activate relief distributions; - Adopt the standard operating procedures of Rapid Damage Assessment and Needs Analysis (RDANA) as a disaster response tool; <p data-bbox="639 1846 927 1873">Add functions under DPMT:</p> <ul data-bbox="656 1876 987 2080" style="list-style-type: none"> - Conduct simulation exercises on preparedness and response for single and multiple hazards; - Conduct early recovery and post-disaster needs assessment (PDNA). * <p data-bbox="639 2110 911 2138">Add function under DRRT:</p> <ul data-bbox="656 2140 997 2197" style="list-style-type: none"> - Review policies and plans of DENR DRRM 	<p data-bbox="1110 1612 1422 1672">Already incorporated in the latest draft DAO</p> <p data-bbox="1110 1834 1175 1861">Note:</p> <ol data-bbox="1127 1864 1474 2173" style="list-style-type: none"> 1. Recommended function of DPMT on <i>*conduct of early recovery and PDNA</i> is already covered by functions of DRERT and/or DRRT. 1. Recommended function under DRRT is already covered by the DPMT.

Comments Received

OFFICE	COMMENTS	REMARKS
<p>ERDB</p>	<p>DRRM Coordinating Committee (previously proposed in the June 10 version of the DAO) be headed by the Undersecretary handling Administration.</p> <p>Support Group should be headed by the Assistant Secretary or Director handling Administrative Service with the Assistant Secretary or Director handling Financial Management as co-chair or vice-chair.</p> <p>Director of KISS shall be a member of the Support Group</p>	<p>DECISION POINT FOR THE EXECUTIVE COMMITTEE</p> <p>In the new version of the DAO/organizational chart, the KISS is already included under the Support Group.</p>

Legal Basis / References

- [Republic Act No. 10121](#) | Section 9 - Powers and Functions of the Office of Civil Defense - Section 9 (n) Establish an operating facility to be known as the National Disaster Risk Reduction and Management Operations Center (NDRRMOC) that shall be operated and staffed on a twenty-four (24) hour basis; Section 10 - Disaster Risk Reduction and Management Organization at the Regional Level; Section 12 (c, 23) - Establish a Provincial/City/Municipal/Barangay Disaster Risk Reduction and Management Operations Center; of [Republic Act No. 10121](#), also known as "Philippine Disaster Risk Reduction and Management Act of 2010"
- [Implementing Rules and Regulations \(IRR\)](#) | Paragraph 5.2 and 5.3, Rule 3 - The National Disaster Risk Reduction and Management Council, and Rule 4 - Regional Disaster Risk Reduction and Management Council, Section 5 - Duties and Responsibilities of the National Council members of the Implementing Rules and Regulations ([IRR](#)) of the Republic Act No. 10121
- [NDRRMC Memorandum No. 131, Series of 2018](#) | Guidelines on the Establishment, Operationalization and Management of Emergency Operations Center (EOC)
- NDRRMC Memorandum No. 93, Series of 2020, Interim Guidelines on the Management of the NDRRMC Emergency Operations Center during Covid-19 Pandemic
- NDRRMC Memorandum No. 33, Series of 2018: Public Service Continuity Plan (PSCP) Template for Government Agencies
- [Executive Order No. 52, Series of 2018](#) | Program Management Office of Earthquake Resiliency of the Greater Metro Manila Area (ERG)
- [Executive Order No. 120, Series of 2020](#) | Task Force Build Back Better
- [Executive Order No. 119, Series of 2020](#) entitled "Establishing a National Government Administrative Center in New Clark City, Capas, Tarlac, Providing for an Integrated Government Center Outside the National Capital Region In Case of Disaster, and Directing the Whole-of-Government to Establish Satellite Offices Therein"
- [NDRRMC Resolution No. 2, Series of 2022](#) entitled "Resolution Providing for the Phases and Clusters for the Establishment of Satellite and Field Offices as Part of the National Government Center of the New Clark City, Capas, Tarlac"

Contact Us



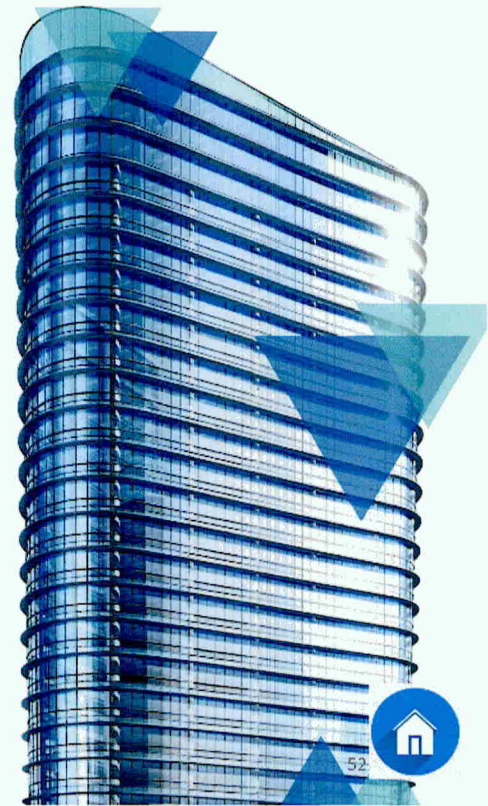
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www.climatechange.denr.gov.ph



ccs@denr.gov.ph



Thank You

