Regional Disaster Risk Reduction and Management Full Council (RDRRMC) MIMAROPA
3rd Quarter Full Council Meeting
Video Teleconference via Zoom App
13 August 2021 / 09:00AM

MINUTES OFTHE MEETING

Participants:

- Dir. Ruben L. Carandang	OCD MIMAROPA, DND Chairperson, RDRRMC MIMAROPA
- Asec. Christopher Morales	DOT MIMAROPA
- Dir. Agustin Mendoza	NEDA MIMAROPA
- Dir. Cheryl Ortega	DICT LC3
- Dir. Glenn Marcel Noble	DENR-MGB MIMAROPA
- Dir. Ronald B. Cabute	NTC MIMAROPA
- ARD Rey Maranan	DILG MIMAROPA
- April Grace Halili	DILG MIMAROPA
- Riznette Kathleen Sales	DILG MIMAROPA
- Ji Young Lee	DOST MIMAROPA
- Geneliza Gabilan	DSWD MIMAROPA
- Azeneth Transmonte	DSWD MIMAROPA
- Rowell Ramil Jacinto	DSWD MIMAROPA
- Jhunjun F. Fajutagana	NEDA MIMAROPA
- Kimberly Ann Pilonggo	NEDA MIMAROPA
- CAPT Ardie Rama	AFP, WESCOM
- FSupt Donald Rodriguez	BFP MIMAROPA
- Insp Roda Toledo	BFP MIMAROPA
- Insp John Michael Ilao	BFP MIMAROPA
- Ruthie Pacala	DOST-PAGASA
- Ana Liza Solis	DOST-PAGASA
- Al Dela Torre	BFAR MIMAROPA
- Emmanuel Perez	BFAR MIMAROPA
- Donna Mayor-Gordove	DENR MIMAROPA
- Engr. Alvin Ganzon	NTC MIMAROPA
- PPO1 Rabino	PPA MINDORO
- Allan Manuel	PPA Palawan
- Christine Acorda	PPA Tablas
- Lyndon Plantilla	PIA MIMAROPA
- Roble Daniel Jr.	DOTr
- Lolaine Bagsic	DEPED MIMAROPA
- Ace Patriarca	NNC MIMAROPA
- Ferdinand Olivares	DENR-MGB MIMAROPA
- Engr. Markus Peter Mantubig	DENR-MGB MIMAROPA
- Cesar Contreras	PMS MIMAROPA
- Jaypee Nardo	PMS MIMAROPA
- Hannah Alejo	PMS MIMAROPA
- Gaudioso Alger Jr.	NAPOLCOM MIMAROPA
- Atty. Rafael Tatlonghari	CAAP IV
- Ron Ceazar	CAAP IV
- Cherry Ann Candava	DOH MIMAROPA
- Carmelo Mac	DOH MIMAROPA
- Engr. Ma. Victoria Manuelo	NIA MIMAROPA
- Christy Caroline Hernadez-Aceron	NIA MIMAROPA
- Randy Pernia	DA MIMAROPA
- Maria Graciela R. Bucad	DICT LC3
- Jay De Guzman	DOT MIMAROPA
- CG SW1 Monina Casimsiman	CGS Marinduque
- CG Ensign Aldrein Gonzales	CGD Palawan

-	CG CDR Ferdinand Allan Joseph Abinoja	CGS Oriental Mindoro
-	Joe Carl A. Ceniza	CAAP PPIA-Puerto Princesa City
-	Louis Frederick Alconcel	DHSUD MIMAROPA
-	Luisa H. Calilung	NHA MIMAROPA
-	Representative	203rd Bde, PA
-	Vinscent Gahol	PDRRMO Oriental Mindoro
-	Ram Joseph Temeña	PDRRMO Oriental Mindoro
-	Ivy Kristine Basco	PDRRMO Oriental Mindoro
-	Patrick Anthony Naval	PDRRMO Occidental Mindoro
-	Kristoffer Baronggo	PDRRMO Occidental Mindoro
-	Col. Roseller Muros (Ret)	PDRRMO Romblon
-	Jose Rino Labay	PDRRMO Marinduque
-	Cruzalde Ablaña	PDRRMO Palawan
-	Dennis Escosora	CDRRMO Calapan
-	Earl Timbancaya	CDRRMO Puerto Princesa
-	Nieves L. Bonifacio	OCD MIMAROPA
-	Marc Rembrandt Victore	OCD MIMAROPA
-	Maria Aiza Siason	OCD MIMAROPA
-	Georgina G. Opinion	OCD MIMAROPA
-	Mary An B. Aceveda	OCD MIMAROPA
-	Sheila Marie S. Reyes	OCD MIMAROPA
-	Clyde Jewel C. Solis	OCD MIMAROPA
-	Anthony M. Zoleta	OCD MIMAROPA
-	Wilmer F. Fabella	OCD MIMAROPA

1. Proceedings/Highlights of the Meeting

- The meeting started at 09:00 AM with the invocation and the giving of welcome remarks by OCD MIMAROPA ARD Nieves Bonifacio, followed by the acknowledgement of the participants by Ms. Georgina Opinion and the call of meeting to order by RD Ruben Carandang.

- RD Ruben Carandang presented the RA 10121 to review and to highlight the councils' roles and responsibilities stipulated on the Republic Act specifically on Sec.10.

- Ms. Opinion presented the proposed provisional agenda of the meeting and the minutes of the previous meeting which were duly approved and seconded by the member agencies.

Presentation of Weather and Climate Outlook by DOST-PAGASA

- Ms. Ruthie Pacala of DOST-PAGASA presented the MIMAROPA Weather and Climate Outlook 2021. As presented, ENSO Alert System Status is La Niña Watch. ENSO neutral conditions are present across the tropical Pacific and likely to prevail during the July-August-September (JAS) 2021 season. La Niña is likely to re-emerge (55% chance) during the September-October-November (SON) 2021 season and may persist until the first quarter of 2022.

- Forecast Rainfall in MIMAROPA is Near Normal rainfall conditions (August-September 2021), generally above normal rainfall conditions (October-December 2021) and generally near normal to above normal rainfall conditions (January 2022). Temperature forecast ranges from near average to above average is expected over most areas during the forecast period; 9 to 12 Tropical Cyclones may enter/develop in the PAR during the forecast period (August 2021 to January 2022).

- RD Carandang reiterated to the P/CDRRMOs the probability of the re-emergence of La Niña to closely monitor their area of jurisdiction and to prepare for the consequences of flooding.

- Asec. Christopher Morales manifested on the presence of DA MIMAROPA for their critical role on the mitigating measures to minimize the effects of floods especially the big bulk of losses is from agriculture.

- Mr. Cesar Contreras manifested on the annual updating of Geo-hazard Maps in MIMAROPA. Ms. Donna Mayor-Gordove of DENR mentioned that it is not annually updated due to its being costly and its only use for reference purposes. RD Glenn Marcelo Noble of MGB MIMAROPA mentioned that the updating of Geohazard Maps is 4 to 5 years, however, if there are major flooding events or major calamities that changes the courses of river flows, geohazard maps will be immediately updated.

- Ms. Anna Solis informed the body that they have regular meeting with DA National Office in coordination with their field planning offices divisions and discussed a plan activity for Provincial Forum on On-going La Niña. There is also an On-going projects since 2017 on deploying early warning for disaster prone areas including hydrographic survey in all regions, however, MIMAROPA is not yet completed the hydrographic survey due to pandemic. Hydrographic Survey updates not only geo-hazard maps but also risk assessment maps.

- Mr. Lyndon Plantilla manifested on DOST PAGASA if the project for Climate Schools for the farmers has already implemented. Ms. Solis mentioned that there is an on-going Climate Resiliency Field School Training in coordination with NGOs through the pilot areas of DA and NIA projects. One of the projects of Klima Agrikultura pioted in Oriental Mindoro is the roll-out of the training of trainers with DA-API until 2022 through online platform.

- Mr. Marcus Mantubig mentioned that the updating of Geohazard maps and flood susceptibility maps per municipalities is every 3 years.

- ARD Nieves Bonifacio manifested if Occidental Mindoro can be transferred to Southern Luzon on the dissemination of weather advisories because they cannot understand the weather advisories provided to them on Visayan dialects. Ms. Solis to relay to PSRDs to have an English version aside from local versions.

Presentation of Updates on the Construction of Flood/Sediment Control Structure in Mogpog River in Brgy. Bocboc by DENR-MGB MIMAROPA

- Engr. Markus Mantubig of DENR-MGB MIMAROPA presented Updates on the Construction of Flood/Sediment Control Structure in Mogpog River in Brgy. Bocboc. The presentation includes the current condition of the Mine Structures and Facilities based from the 2nd Quarter 2021 monitoring, condition of Maguila-guila Siltation Dam and Gabion Dam Project. As presented, since MarCopper Mining Corporation (MMC) ceased its operations, most of the mine structures and facilities are no longer maintained. Based on the the previous monitoring activities, most of its mine structures and facilities still exist. However, deterioration of the said structures and facilities is evident. Current condition of Mine Structures and Facilities based from the 2nd Quarter 2021 Monitoring are as follows:

    1. **Tapian Pit**

        Observation or Findings:

        - Increase of eroded portion at the summit of Mt. Tapian;
        - Remains stable during the time of monitoring;
        - No significant changes observed at the structure as compared to the previous monitoring and the water inside is very acidic and contains heavy metals which is an environmental hazard to nearby communities and the natural environment.

Potential Hazards

- If the structure fails (rim failure, seepages, failure outlet of Tapian Drain Tunnel, etc.), it may cause a flash flood that will flow through Hinapulan Creek and downstream communities.

2. Tunnel 310

Observation and Findings:

- The water inside the Tapian Pit continuously discharges through Tunnel 310; and
- There were no significant changes observed at the structure as compared to the previous monitoring.

Potential Hazards:

- If the structure collapse, meteoric water flowing toward Tapian Pit will accumulateand may result in an overtopping of the Pit. Tunnel 310 is an indicator concerning the stability of the Tapian Pit.

3. Bol River Dam

Observation and Findings:

- The still accommodate the volume of water discharged from Tunnel 310 (Spillway of Tapian Pit), Channel 1 and 2 (discharge channel of San Antonio Pit), including surface water of upstream;
- No presence of fissures and damages to the structure were observed;
- Presence of uprooted vegetation were observed;and
- There were no significant changes observed at the structure as compared to the previous monitoring.

4. San Antonio Pit

Observation and Findings:

- The condition of the Pit still stable;
- Erosion and gullying were observed in the northern portion of the Pit and have increased compared with the previous monitoring;
- There were no significant changes observed at the structure as compared to the previous monitoring; and
- The water inside the Pit is very acidic and contains heavy metals which is an environmental hazard to nearby communities and the natural environment.

Potential Hazards:

- If the structure fails, (Rim failure, seepages, etc.), it may cause a flash floods.

5. Lower Makulapnit Siltation Pond *(The Lower Makulapnit Siltation Dam was constructed to trap sediments coming from the waste dump adjacent to the Tapian Pit)*

Observation and Findings:

- The siltation pond still retains its function;

- There were no significant changes observed at the structure as compared to the previous monitoring; and
- The water inside the Lower Makulapnit Siltation Pond is very acidic and contains heavy metals which is an environmental hazard to nearby communities and the natural environment.

6. **Upper Makulapnit Dam** *(The Upper Makulapnit water reservoir provided for the mine site's domestic water supply during its active days)*

Observation and Findings:

- There were no significant changes observed at the structure as compared to the previous monitoring;
- The water still flows continuously through a spillway and into Boac, River. Hence, the dam has a low risk of overtopping;
- Currently, it is being used by nearby households as a source of food, which is considered safe as the reservoir is uncontaminated by pollutants from the mine site; and
- Uprooted vegetations were also observed at its spillway.

Potential Hazards:

- If the structure fails, (Rim failure, seepages, failure at bypass Tunnel, etc.), it may cause a flash floods that will flow through Hinapulan Creek and towards its downstream.

7. **MMC Mine Tailings and Disposal Area**

Observation and Findings:

- Indication of fishing and recreational activities;
- No signages warning residents of the hazards of the tailings disposed in the area;
- The sands at the shoreline of Calancan Bay have a grayish color and powder-like texture; and
- Cottages and residential houses.

8. **MMC Causeway**

Observation and Findings:

- Bluish discoloration of the ground soil inside the causeway was still present during the monitoring;
- Metal drums used ball mills/grinding media and a metal pipe scattered inside the causeway;
- Collapsed storage facility;
- Sealed plastic drum containing caustic alkali liquid were still present and exposed to weather condition;
- Metal drums were still inside the storage facility near the pier area;
- These metal drums contain fluid-like substances. Some of the containers were leaking, However, there were no foul odors were emitted;
- Used sacks piled inside the storage area;
- Dilapidated roofing of the storage; and

- Fuel tankers, transformers, scattered sacks containing chemical substances, and others present during the previous monitoring were still present.

9. **Radioactive Material stored inside MMC Mine Site**

Observation and Findings:

- Attached at the storage facility was the license to possess, own, and store radioactive material. The latest license expired on June 30, 2013, issued at Philippine Nuclear research Institute (PNRI) , Diliman, Quezon City on May 25, 2012.
- The earliest license posted was issued on June 23, 2008 and expired on June 30, 2009.
- Based on the license, the storage facility contains Cesium-137 and Raduim-226.

- Furthermore, the Critical Structures of MMC are North Dam, Maguila-guila Waste Dump, and Maguila-guila Siltation Dam. The following are their observations and findings:

1. **North Dam** *(served as the tailings storage of MMC during the Mining operations of the Tapian Pit. The tailings stored here were pumped into Calancan Bay in 1988 to make way for the exploration and development of the San Antonio ore body. The dam has since been exposed to various erosional processes and the lack of necessary maintenance allowed for unstable section of the facility to gradually loosen)*

Observation and Findings:

- Currently, active erosional processes present in the area involve ground cracking, gullying, and slumping of the unstable embankment near the breached dam of the old tailings storage.

2. **Maguila-guila Waste Dump**

Observation and Findings:

- Observed steeply sloped waterways and gullies in the eastern portion of the waste dump;
- Observed gullying and block fall at the Western side was sizeable compared to the Eastern side; and
- Both side of the Maguila-guila waste Dump has worsened as compared to the previous quarter.

3. **Maguila-guila Siltation Dam**

- One of the mine structures of MMC in a rapidly deteriorating condition;
- Prevents soil, sediments, and large debris from the Maguila-guila Waste Dump from being transported and deposited in the downstream reaches of the Mogpog river.
- Composed of four (4) Major Structures:

    1. Decant Tower
        - Has three (3) parts: trash cage, decant structure and down drain tunnel
        - Trash cage prevents large debris that may cause a blockage while letting the water pass through the decant structure, the Drain Tunnel, thence to the Maguila-guila River.

2. Earth Dam
    - Prevents the direct flow of water that includes soil, sediments, and large debris to the river system and diverts the same to the Decant Tower.
3. Emergency Spillway; and
4. Storage Facility
    - Storage of sediments and other large debris that are filtered.

- Aside from the structures and facilities, they also monitored the situation of Mogpog River at Brgy. Bocboc. The observations and findings are as follows:

    1. Increase of sediments and flow of water was observed;
    2. Collapse flood control structure and roads adjacent to Mogpog river; and
    3. Road landslide.

- Moreover, Engr. Mantubig briefly discussed the status of proposed Gabion Dam Project. The objective of this project is to prevent further transport of silt/sediments from the Maguila-guila Waste Dump and North Dam to the downstream communities and will also serve as the flood control structure/protective barrier in case Maguila-guila Siltation Dam collapsed. As the 1st phase of the Gabion Dam Project, they have conducted feasibility study including topographic mapping, environmental and social management plans, geological and geotechnical survey/investigation and hydrological and hydraulic assessment and technical data gathering and then planning and design. His discussion also includes the Project Components, Benefits of Gabion Dam, Operation and Maintenance, Project Cost which is amounting to Php 95M., and the Economic Analysis.

- RD Carandang manifested if the observations/findings on MarCopper Mining being presented is relayed or coordinated with MarCopper Corporation for their immediate actions. Engr. Mantubig mentioned that have cases filed against Marcopper Corporation but are different from the 1990s MarCopper case.

- Engr. Mantubig also mentioned that the proposed Gabion Dam Project is not course through to MarCopper Corporation because it might hinder the purpose of the project as critical means of preventing the impact in case Maguila-guila Siltation Dam overflows.

- Mr. Rino Labay of PDRRMO Marinduque updated the body that the Provincial Government of Marinduque and DENR issued MarCopper Corporation the Notice to Vacate the Balogo Port premises within 30 days. He also mentioned the PNRI will take over the liabilities on the Radioactive Material stored inside MMC Mine Site.

- RD Carandang requested Gov. Velasco to present the Updates on MarCopper to RDC Meeting. Mr. Labay ensure to relay the request to Gov. Velasco.

- ARD Bonifacio manifested if the plan for the relocation of the residents of Brgy. Bocboc is implemented. Mr. Labay mentioned that there is no relocation take place but other residents moved to a higher area for their safety.

Presentation of Flood Control Master Plan for Bucayao and Mag-asawang Tubig Rivers in Oriental Mindoro: The NORAD Study by PDRRMO Oriental Mindoro

- Mr. Vincent Gahol of PDRRMO Oriental Mindoro presented the Flood Control Master Plan for Bucayao and Mag-asawang Tubig Rivers in Oriental Mindoro: The NORAD Study. Before the presentation, he clarified that the study started last 2002 during the governance of former Governor Bart Marasigan and ended during the governance of former Governor Arnan Panaligan. As presented, the study was funded by the Norwegian Agency for Development Cooperation together with UP Technical Experts and Task Force on Bucayao and Mag-asawang Rivers. Based on geographical and hydrological studies of the area, flooding occurs when there are large water discharges in both Mag-asawang Tubig and Bucayao Rivers. Water discharges from these rivers comes from Catuiran, Aglubang, and

Ibolo Rivers and other smaller tributaries upstreams which merge at the foot of the mountain between Naujan and Victoria. The Mag-asawang Tubig and Bucayao Rivers are located at the area transiting from the mountainous terrain to the sprawling flood plains of Calapan, Naujan, Victoria and Baco. These areas are the most affected by flooding because they form part of the alluvial plain of the Central Mindoro Highlands.

- In the past 15 years these areas have experienced extreme flooding which has caused tremendous damage to the Province. In 2005 alone, flooding caused substantial economic losses. The impacts of flooding are more striking among the low income and vulnerable groups because they are more dependent on the natural resources for income and livelihood and they have less social power, resources and physical capacity to cope with and withstand the resulting massive impacts. It is expected that with the increasing frequency, intensity and duration of floods, their impacts would be more severe in the future. Thus in 2007, the elaboration of a Flood Control Master Plan of the Bucayao and Magasawang Tubig River System was started. The overall objective has been to prepare a plan for Bucayao-Magasawang Tubig River System by which will serve as framework for proposals for flood mitigating measures in the Province of Oriental Mindoro specifically in the capital city of Calapan and towns of Naujan,Victoria and Baco.

- The Provincial Government of Oriental Mindoro (PGOM) has been addressing flooding concerns through the construction of protection dikes, dredging, repair and maintenance of the roads and vital infrastructure, and provision of water supply among others. However, these could only constitute fragmented, reactive and temporary measures because of the absence of a blue print for flood control and management and concerted action embedded within the principles of Integrated Water Resources Management (IWRM), fragmented improvement and growth will always take place. Realizing this, the PGOM created Task Force on Bucayao-Magasawang Tubig Rivers Flood Mitigation Project in 2002 to look into and recommended solutions to flooding. The Task force recommended for the preparation of a Flood Control Master Plan which was subsequently approved by NEDA for funding by the Government of Norway through the Norwegian Agency for Development Cooperation (NORAD).

- Some of the most promising (structural) measures were studied in combination as strategies, and evaluated according to potential flood damage and benefits by use of a hydraulic model. After the modelling exercise, these strategies with their measures were combined with the other non-structural measures which were difficult to model (e.g institutional and catchment management measures amongst others). The following were the set of strategies modelled and analyzed:

    1. Strategy 0/Do nothing Strategy (DNS): No intervention
    2. Strategy 1/No Transfer Strategy (NTS): Keep the rivers in their separate courses (no transfer of water from Mag-asawang Tubig River to Bucayao river). Four (4) options have been analyzed and discussed under this strategy.

        a) Option A- The proposed measures will consist of rehabilitating the existing dike system in the Bucayao River extending the system by constructing a new dike to Silonay River.The newly constructed gabion dike in Bucayao Grande which prevents the transfer of excess flood waters from Mag-asawang Tubig River to upper part of the Bucayao River system will be augmented. A new dike is included to cut and prevent Panggalaan River to convey any flood waters from Mag—asawang Tubig River to Bucayao River.
        b) Option B- Dikes along the left and right bank of both Mag-asawang Tubig and Bucayao rivers to prevent water to divert to other rivers and mitigate the flooding in the areas between the rivers.
        c) Option C- The proposed measures were similar to option A, with the inclusion of a multipurpose dam to be located in Mag-asawang Tubig River downstream of the confluence of Aglubang and Ibolo Rivers.
        d) Option D- The proposed measures were similar to Option B, with the inclusion of a multipurpose dam to be located in Mag-asawang Tubig River downstream of the confluence of Aglubang and Igbolo Rivers.

3. Strategy 2/Controlled Transfer Strategy (CTS): Similar to Strategy 1, however, controlled transfer through Pangalaan River will be allowed to some extent. Two (2) Options have been analysed and discussed under this strategy:

    a) Option A- The proposed measures were similar to Strategy 1 (Option A) except the system will allow the transfer of flood waters from Mag-asawang Tubig River to Bucayao River though Pangalaan River. Construction of a control structure at the headwater f Pangalaan river will facilitate the control of the transfer of the flood waters.
    b) Option B- The proposed measures were similar to Strategy 1 (Option A), with the inclusion of a multipurpose dam to be located in Mag-asawang Tubig river downstream of the confluence of Aglubang and Ibolo Rivers.

4. Strategy 3/Controlled Discharge Strategy (CDS): Construction of a multipurpose dam at the confluence of Aglubang and Ibolo Rivers to reduce the peak discharge coming from the upstream catchment. The flood outflow is then transferred to Bucayao River. The system will lead to only one river (Bucayao River) to mitigate on the stretch down to the sea.

- As the result of the reduction in flooded areas for Strategies and Options in the Municipalities, all Options in all 3 strategies show considerable (very high) decrease in flooded areas in Calapan. For Naujan all Options/Strategies are also decreasing flooded areas, however, only Option B and D in Strategy 1 and Strategy 3 have considerable (very high) positive impact. For Victoria, the situation is somewhat different. The modelled flooded areas are very small for all the alternatives, including the Do Nothing Strategy.

- The challenges observed/encountered during the study were consultations with and full involvement of the three (3) Mangyan Subtribes in the upland of the watersheds has so far not been possible for this Flood Control Master Plan. This need to be done to ensure full involvement of all major stakeholders, as well as to make it possible to include the ancestral domains in the further planning and measures. Also, to ensure sustainability of the master plan, there will be need to mainstream the implementation of it into other relevant national, sectoral and relevant provincial initiatives, and especially those put forth through the River Basin Control Office under DENR. This should be followed-up in elaboration of the Implementation Plan. This approach will pave way for respective institutions eventually capturing the Master Plan priorities in their annual budgets, especially for purposes of leveraging external funding.

- Mr. Gahol also mentioned that aside from this challenges CSOs also disagree for the construction of a Dam particularly the location is near to the Aglubang Fault and the Dam will be needing a lot of funds for a high level of materials/structure against earthquake and for its long term used.

- RD Carandang reiterated the importance of having better engineering structure against earthquake in the construction of a Mega Dam than having no intervention at all on the re-curing hydro-meteorological events that losses billions of funds and mass casualties.

- Mr. Gahol mentioned that a lot of efforts/intiatives are being made, however, there is no sustainability. He also mentioned that during the time of former Governor Umali, since it was observed during the study that both Mindoro provinces should join hands on establishing flood control plan, discussions/meetings were made with both provinces named as One Mindoro Development Agenda as well as joint hearing of Sanguniang Panlalawigan of Occidental Mindoro and Oriental Mindoro last 2018 held in Calapan City. Technical Working Group was established to identify PPAs however due to the on-going pandemic the initiative is temporarily set aside.

- As per the initiative of the current governance of Governor Dolor in terms of flood control, establishment of River Restoration Program is established whereas DENR

issued Department Administrative Order No. 14 on the Accreditation of the Big Companies/Proponents to dredge the rivers from its mouth and to the upstream. This program started last 2019, however, for this year due to pandemic, the target dredging for the Month of April and May is temporarily suspended due to needed documentary requirements particularly the dredging plan. Out of Nine (9) accredited companies/proponents only two (2) submitted dredging plan. Hoping that by September or October this year the two companies/proponents will start the dredging and the rest will follow.

- Moreover, aside from dredging, comprehensive tree growing is also one of the initiative being implemented considering the deforested mountainous areas of Oriental Mindoro. During the 1970s studies, Mindoro has 100% of forest cover but now only 5% of forest cover remained, thus, replenishment of forest cover is a must. He also mentioned that PDRRMO Oriental Mindoro in collaboration with ENRO and Mindoro State University, plans to implement the Eco-based DRRM System in terms of rehabilitation. Eco-Based DRRM System might be time consuming but its long term effect will greatly contribute to the future generations 10 to 20 years from now.

- RD Carandang recommended to consider the Desoto Principle (1 person:1 hectare) in planting trees introduced by Victor Corpuz (former NPA) in the implementation of Eco-Based DRRM System.

- Mr. Plantilla manifested if the flood plan mentioned by Governor Dolor on his vlog during the TY Fabian as one of his flagship to review is the NORAD Study itself or other plan. Mr. Gahol mentioned that they have crafted Comprehensive Flood Mitigating Plan that most components are from the NORAD Study. Mr. Plantilla also recommended to invite NCIP and NGOs on the discussion and implementation of Flood Mitigating Plan.

Presentation of Regional DRRM Operations Center Standard Operating Procedures and Guidelines (SPOG) 2021 Edition by OCD MIMAROPA

- Ms. Maria Aiza Siason of OCD MIMAROPA presented the Regional DRRM Operations Center Standard Operating Procedures and Guidelines (RDRRMOC SPOG) 2021 Edition. As presented, OCD issued Office Order No. 042 s. 2021 dated April 7, 2021 regarding the approval of NDRRMOC SOPG 2021 Edition. NDRRMOC SPOG serves as the main reference for the management and implementation of operational functions of NDRRMOC. This also directed all OCD Regional Offices to adhere to the operational and administrative requirements specified on the NDRRMOC SOPG. Thus, OCD MIMAROPA through the 24/7 Operations Section in coordination with RDRRMC member Agencies and LDRRMOCs, crafted the RDRRMOC SOPG 2021 Edition of MIMAROPA as the main reference on the management and implementation of operational functions within MIMAROPA Region.

- RDRRMOC SOPG 2021 Edition composed of four (4) Chapters, the Overview, Standard Operating Procedures, Reporting Sytem, and Duty Detailed Officer. OCD MIMAROPA issued a Memorandum Order No. 114 s. 2021 directing all RDRRMC Member Agencies to give comments or inputs on the Draft RDRRMOC SOPG dated July 15, 2021.

- Moreover, the difference between Operations Center (OC), Emergency Operations Center (EOC) and RDRRM Operations Center (RDRRMOC) is also presented as well as the Guidelines in Reporting Disaster Incidents on Classifications of Reported Incidents) from small-scale disasters to medium-scale disasters and large-scale disasters, Subsequent Periodic Reporting, Reporting Casualties, and Reportorial Requirements for Dead and Missing and Guidelines for Detailed Duty Officer.

- She also requested RDRRMC member agencies to download the NDRRMC Monitoring Dashboard. A mobile app that provides monitoring and categorization of hazards and events and presents data about hazards and events that are digitally organized.

- Furthermore, as the highlight of the presentation, Resolution No. 003 s. 2021 is drafted for the approval and adoption of the RDRRMOC MIMAROPA SOPG 2021 Edition. The motion was made by RD Mendoza and duly seconded by RD Ortega with no objections from the body, thereby, the Resolution No. 003 is approved.

- Mr. Emanuel Perez of BFAR MIMAROPA manifested if PDRRMO Oriental Mindoro is aware of the Vetiver Grass as the alternative for planting trees. Mr. Gahol mentioned that it is already introduced in the province which is usually planted on the slope areas due to its firm roots to hold the soil especially on the river banks to avoid soil erosion and landslides.

Presentation of Latest COVID-19 Situation Update as of 11 August 2021 by CHD RESU

- Mr. Noel Orosco of CHD-Resu presented the Latest COVID-19 Situation Update as of 11 August 2021. As presented, there are 17,040 total cases in the region, 1,032 of which are active cases (6.1%). There are now 15,354 recoveries (90.1%) and 503 deaths (3.0%) reported in the region. Romblon has the highest no. of active cases (284), while Oriental Mindoro have the highest total cases (5,879) in the region. 98% of the active cases in the region are from local transmission. 6% of the active cases were vaccinated while 92% were unvaccinated and the remaining 2% is partially vaccinated. MIMAROPA has 3.0% Case Fatality Rate with Puerto Princesa City having the highest with 4.6%. MIMAROPA has 24.5% positivity rate with Puerto Princesa City having the highest at 37.4.0%, followed by Palawan with 34.5%.

- Marinduque, Romblon and Puerto Princesa City is under Alert Level 3 due to moderate and critical Risk Classification and the Health Care Utilization Rate is below 70% , Occidental Mindoro and Palawan is under Alert Level 2 due to increasing Covid-19 cases while Oriental Mindoro is under Alert Level 2 due to increasing Health Care Utilization Rate. Marinduque and Puerto Princesa City have a medium 2-week growth rate, with the whole region have an average of low 2-week growth rate. As of 11 August 2021, there is 2 reported COVID-19 Delta Variant infection in the region particularly in Oriental Mindoro and both are already recovered. Currently, 30% of the ICU beds, 36% of Covid-19 beds, 48% of the Non-COVID beds, 15% ventilators and 12% of the TTMFs are occupied in the region.

- RD Carandang manifested on the contact tracing conducted by DOH MIMAROPA on the Covid-19 Delta Variant infection in Oriental Mindoro. Mr. Orosco mentioned that that they are conducting Enhanced Contact Tracing from the 1st generation up to the 3rd generations. All Delta Variant Infection must be facility quarantine to avoid transmission to the index cases. However, if the infected wanted a home quarantine, house lockdown will be required to avoid transmission to the neighboring communities.

- RD Carandang manifested on the date and time of the result Genome Sequencing. Mr. Orosco mentioned that the report was submitted by the EB and UP-PGC yesterday, 12 August 2021, however, their latest specimen collection is last July 24, 2021 whereas almost 14-days have passed. He also mentioned that the Delta Variant cases reported have no travel history, thus, there is a possibility of primary suspect of Delta Variant Infection prior to the reported Delta Variant Infection that transmitted the infection.

- RD Carandang requested PDRRMO Oriental Mindoro to closely monitor the situation and strictly implement the No Home Quarantine. Mr. Gahol mentioned that Gov. Dolor coordinated with Calapan City and Bongabong for strict contact tracing and implementation of health protocol.

Presentation of National Crisis Action Plan by DOH MIMAROPA

- Mr. CJ of DOH MIMAROPA presented the National Crisis Action Plan. As presented, NAP: Crisis Action Plan is approved as per IATF Resolution No. 131. For the Vision of Crisis Action Plan is Controlled Community transmission and Health System capacity in the Context of new COVId-19 variants of concern. For the Mission, the NTF Against Covid-19 implements contingency operations in order to prepare for, deter, and respond to increase in cases due to the new Covid-19 variants of concern. There are four (4) Door of Strategy for Covid-19 Control, Door 1 (Point of Origin) travel bans and restrictions to prevent arrival of travelers from other high risk countries, Door 2 (Point of Entry) Screening, quarantine and testing at the point of entry to prevent entry, contain and mitigate few cases, Door 3 (Point of Care) PDITR + Vaccination to prevent further local spread, and Door 4 (Wide-scale Community Transmission) Enhanced PDITR+ to prevent healthcare system from being overwhelmed.

- Moreover, response cluster actions being taken for Communities and Health facilities as of August 11, 2021 are as follows:

  Communities:

  - Reactivation of all EOCs through an Advisory;
  - CODE Teams;
  - Inventory of all LGUs' Isolation and Quarantine Facilities;
  - Inventory of Current Human Resource for Health (HRH) capacity;
  - Areas for Granular Lockdown;
  - Monitoring matrix for activities on active case finding, contact tracing and testing;
  - Joint Memoranda Circulars for:
    1. Procedures in the implementation of the Dharavi Model;and
    2. Active case finding regarding Barangay Contact Tracers House Visitations.
  - Inventory on:
    1. Contact Tracers per LGU with Competency Assessment;
    2. Data Banking/Listing of Contact Tracing Applications; and
    3. Facilities under Oplan Kalinga and testing facilities and capacities per LGU.
  - Provision of antigen kits to each barangay;
  - Memorandum regarding the proposal for border controls policies per region; and
  - Communication plan for the announcement of Alert Level to LGUs.

Health Facilities:

- Convened DOH retained hospitals;
- Identified Mega TTMFs as step down facilities;
- Updating of Current inventories to ensure a buffer supplies of PPEs, medicine, oxygen, and other supplies;
- HRH complement;
- Augmented logistics in flagged areas;
- Regional OHCC;
- Reactivate / expanded the DOH TeleMed Services;
- Facilitated referral of patients; and
- Ongoing efforts for additional modular hospitals.

2. Decision Points/Actionable Items

- Mr. Marc Rembrandt Victore of OCD MIMAROPA presented the Actionable Items noted during meeting:

No.	Item	Responsible Agency / Office
1	Continuously monitor and prepare for the possible effects due to the onset of of La Niña (55% chance) during September-October-November and may persist until 1st Quarter of 2022, as presented by DOST-PAGASA	P/CDRRMOs of MIMAROPA
2	Utilize the Geo-hazard maps provided by DENR-MGB and software/applications of DOST in planning/preparedness program	LDRRMOs of MIMAROPA
3	Follow up and ensure participation of DA MIMAROPA in the future RDRRMC MIMAROPA Meetings	OCD MIMAROPA
4	Provide OCD MIMAROPA with the results of discussion (including the ways forward) / minutes of the meeting during the Marcopper Mining TWG Meeting on July 29, 2021	PDRRMO Marinduque
5	Invite representatives from NCIP / NGOs during the conduct of formulation and implementation of Flood Prevention Plans	PDRRMO Oriental Mindoro
6	Provide RDRRMC MIMAROPA Vice-Chairpersons with the copy of the council-approved RDRRMC Resolution No.003, s. 2021, for the signature of respective Regional Directors	OCD MIMAROPA
7	Ensure immediate contact tracing and strict facility quarantine of the confirmed COVID-19 Delta Variant close contacts in the Oriental Mindoro	PDRRMO / PLTG Covid-19 Oriental Mindoro

Adjournment

- RDRRMC Chairperson, Ruben L. Carandang expressed his appreciation for the presence of RDRRMC member agencies and MIMAROPA P/CDRRMOs for their continuous support especially during the current new normal situation.

- The meeting was adjourned at 01:25 PM.

Prepared by:

MARY AN B. ACEVEDA
CDO II / Planning Assistant
OCD MIMAROPA

Noted by:

DIR. RUBEN L. CARANDANG
Chairperson, RTF COVID-19 MIMAROPA
Chairperson, RDRRMC MIMAROPA
Regional Director, OCD MIMAROPA