



Republic of the Philippines  
Department of Environment and Natural Resources  
**PENRO MARINDUQUE**

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
RECORDS SECTION  
14 JUL 2022  
INCOMING OUTGOING  
DATE

June 25, 2022

**MEMORANDUM**

**FOR** : The Regional Executive Director  
DENR, MIMAROPA Region

**THRU** : The OIC, Assistant Regional Director  
for Technical Services

**FROM** : The OIC-PENR Officer

**SUBJECT** : **SUBMISSION OF CY 2022 SECOND QUARTER REPORT  
ON TECHNICAL ASSISTANCE TO LGUs ON COASTAL  
AND MARINE RELATED CONCERNS.**

Respectfully submitted is the CY 2022 Second Quarter Report on Technical Assistance to LGUs on Coastal and Marine Related Concerns of the Coastal Resource and Foreshore Management Unit of the Conservation and Development Section under the Technical Services Division.

For information and record.

  
**IMELDA M. DIAZ**





June 24, 2022

**MEMORANDUM**

**FOR** : The OIC-PENR Officer

**THRU** : The Chief, Technical Services Division

**ATTENTION** : The Chief, Conservation and Development Section

**FROM** : The Forest Technicians

**SUBJECT** : **SUBMISSION CY 2022 SECOND QUARTER REPORT ON TECHNICAL ASSISTANCE TO LGUs ON COASTAL AND MARINE RELATED CONCERNS.**

In compliance with our target activity on Coastal Resource and Foreshore Management Unit (CRFMU) under the Technical Services Division, submitted is the CY 2022 Second Quarter Accomplishment Report.

Pleased be informed that Communication, Education and Public Awareness (CEPA) was done regarding the Provision of Technical Assistance to Local Government Units (LGUs) on coastal and marine related concerns. The activity was conducted at around 9:40 in the morning in Barangay Kay Duke, Torrijos, Marinduque. The target participants are the LGU Officials and constituents-local fisher folks. Resource speakers from Marinduque State College (MSC) Ms. Doreen R. Mascareñas PhD., from Environmental Management Bureau (EMB) SWEET EnMO Michelle S. Macariola gave their messages about the activity while representative from the LGU Torrijos, Municipal Agriculture Office (MAO) and Municipal Environment and Natural Resources Office (MENRO) were also presented.



*Geo-tagged photo during the opening prayer and singing of National Anthem.*

The activity started with the Opening Prayer followed by singing of National Anthem followed by welcome remarks Punong Barangay Myrna R. Grimaldo. A video presentation about the success story of some Marine Protected Areas (MPAs) in the Philippines was also featured including tourism sites like Boracay, Peurto Gallera, Lingayen Golf, Turtle Island, Tubattaha Reef, Apo Reef, Siargao Olango Island and Laguna de Bay as part of the beautiful sceneries, diving spot and many more. The Philippine Coastal and Marine Ecosystem from the





*Punong Barangay Myrna R. Grimaldo during her welcome remarks.*

coral reefs, sea grass and mangrove were mentioned and their importance. However, despite of the beautifully shown video, there were still threats encountered like cutting of trees for firewood, mangrove forest conversion to fish pond/pen and reclamation of coastal areas for industrial and other purposes. Other threat like improper fishing practices/method such as using of cyanide, dynamite and collection of aquarium fishes were also discussed. Even different calamities like floods, landslides, storm surges and typhoons also directly affects the physical features of the marine environment. However, stakeholders participation and continuous Information, Education and Communication Campaign (IEC) will help sustain, conserve and protect marine ecosystem.

Dr. Doreen R. Mascareñas, from the School of Agriculture (MSC, Torrijos, Branch) presented the Importance and Components of Marine Ecosystem. Ecosystem is a functional unit of the relationship between living things (biotic) and their non-living physical environment (abiotic). There are functional relationship that the entities are needed by the other for survival. They presented the living things in coastal ecosystem. There are three (3) types of ecosystem composed of producers, consumers and decomposers. It also said that the fish catches is in accordance with the temperature of the underwater climate and with the help of dissolved oxygen that gives life to the living organism. Institution function is to regulate and lessen the illegal activities and preserve that particular area by proclaiming as Marine Protected Areas. There are four major principle of ecosystem say that any violation is misconception eg. (1) Relationship- says that “no one is an island”, (2) Adaptation- the organisms ability to adapt the environment; (3) Bio-chemical cycle- one (1) million tons of organic matter produced by photosynthetic organisms. (4) Homeostasis- the balance ecosystem has the ability to maintain itself and regulate it.



*Geo-tagged photo of Dr. Doreen R. Mascareñas during her presentation.*



Moreover, FTI Corazon R. Pelaez, In-Charge of Coastal Resource and Foreshore Management Unit of DENR-PENRO Marinduque presented the management of Marine Protected Area (MPA) and discussed other fishery-related activities. She discussed about the legal basis, ordinance and national laws on how to protect and conserve coastal and aquatic resources. She also showed different kinds of Marine Protected Area (MPA) with their corresponding maps, mangroves and marine species. She mentioned that the criteria to become an MPA is to have sustainable development goals to conserve and sustain uses of the oceans, seas and marine resources. She said that in year 2020, 10% of the marine water should be a part of the protected area. She also mentioned that the Philippines is a part of the Coral Triangle having the highest marine biodiversity in the world and has a record of 1,600 MPAs. She emphasized that the Verde Island Passage (VIP) is the world's "center of the center of marine shorefish biodiversity" and mentioned that Community Marine Reserve and Sanctuaries established in the Province of Marinduque are as follows: (a) Buenavista Community Marine Reserve, located at Brgys. Yook and Libas, Buenavista; (b) Community Marine Reserve Sanctuary at Tres Reyes Island of Brgy. Pinggan, Gasan; (c) Boac Community Marine Reserve/Sanctuary (Brgy. Caganhao, Boac); (d) Mogpog Marine Protected Area (Brgy. Silangan, Mogpog); (e) Banot Island Reef Fish Sanctuary (Brgy. Botilao, Sta.Cruz); (f) Sta.Cruz Community Marine Reserve (Brgys. Kasily and Kalangkang, Sta.Cruz); and (g) Torrijos Marine Protected Area located along the Brgys. of Bonliw, Kay duke, Poctoy and Cagpo, Torrijos. Accordingly, managing the MPAs is not easy without the cooperation of the local community, especially Marine Protected Areas (MPAs) that are locally- managed.



*FTI Corazon R. Pelaez during presentation on Management of Marine Protected Area and discussed other fishery-related activities.*

The last presentation was from Solid Waste Enforcers and Educators Team (SWEET) Environmental Monitoring Officer (EnMO) Michelle S. Macariola of EMB Marinduque. She talked about the different types and categories of waste, how they should be properly disposed and where they should be disposed. She also enumerated the fines and penalties that offenders will have to pay upon violation of the RA 9003. She informed the participants on the current status of the dumpsites in the province, as well as the activities being conducted in particular to monitoring and evaluation of the disposal system of each municipality. She also showed



*Geo-tagged photo of SWEET EnMo Michelle S. Macariola during her presentation about RA 9003 or Ecological Solid Waste Management.*



pictures of the model dumpsites in other areas and how they are also aiming to achieve the same within the municipality. One of the participants asked if there is any budget for the management of waste in the province that was released, particularly in their municipality. It was also suggested that if such budget was allocated per municipality, the LGU should have also entrusted allotment for barangays in order for them to properly manage the wastes within their jurisdiction. Hence, it is another point to consider why the municipal officials should attend the succeeding meetings to clarify related issues with the barangay levels.

Moreover, the concerns and issues being <sup>raised</sup> by the participants were noted and will be coordinated to the concerned officials from barangay to the municipal level. The resource speakers were acknowledged for their time and effort for imparting knowledge ~~to~~ <sup>for</sup> the all participants, adding that their lectures provided necessary information and details for the participants to have a better understanding of the existing laws and how it should affect the behaviour of the individuals that are relying to coastal and marine resources, especially in the management of marine protected areas.

Attached are photos taken during the activity and attendance sheet for further reference.

For your information and record.

  
**CORAZON R. PELAEZ**

  
**JOHN ANDREW M. MAGCULANG**

  
**BRIAN INIGO F. LEAÑO**





Republic of the Philippines  
Department of Environment and Natural Resources  
PENRO MARINDUQUE

Provision of Technical Assistance on Marine Protected Area Networking (MPAN) for LGU Managed Marine Protected Area  
at Brgy. Kay Duke, Torrijos, Marinduque  
June 22, 2022

No.	NAME	GENDER		AGE	CIVIL STATUS	OFFICE/AGENCY/ ORGANIZATION	POSITION	CONTACT NO.	EMAIL ADDRESS	TEMP.	SIGNATURE
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2.	JOEL R. DEL MUNDO	✓		52	M				KAY DUKE		Joel
3.	Rosalina P. Ampelobay		✓	66	M				Kay Duke		mpampelobay
4.	Victor Pastoral	✓		64	M				Kay Duke		V.P.
5.	Emalita Regine	✓		70	M				Kay Duke		E. Regine
6.	OLIVARDO C. RILEY	✓		74	M				Kay Duke		Oliver
7.	Rafael Mendoza	✓		58	M				Kay Duke		Rafael
8.	ROBERTO P. JIMENA	✓		61	M				Kay Duke		Roberto
9.	Bernardo Rosario			71	M				KAY-Duke		B. Rosario
10.	Calixto P. Dela Cruz	✓		63	M				KAY-Duke		Calixto
11.	EDIE M. GARCIA	✓		44	M		B.T.		"		Edie
12.	Melchor M. Garcia	✓		69	M				"		Melchor
13.	RENAN REY	✓		55	M				KAY DUKE		Renan
14.	ERLITO DEL MUNDO	✓		48	M				"		Erlito
15.	REMUNDO A. JIMENA	✓		46	S				"		Remundo
16.	Ray Anthony R. Paz	✓		39	M				KAY DUKE		Ray
17.	FRANCO DEL MUNDO	✓		63	M				KAY DUKE		Francisco
18.	SEBASTIAN R. JIMENA	✓		45	M				"		Sebastian



No.	NAME	GENDER		AGE	CIVIL STATUS	OFFICE/AGENCY/ ORGANIZATION	POSITION	CONTACT NO.	EMAIL ADDRESS	TEMP.	SIGNATURE
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20	Oscar Alarino	✓		52	M				"		Alarino
21	Eugenio P. Mendoza	✓		54	M				"		Eugenio
22	Limmy L. Limas	✓		41	M	Kay Duke	Proj. Legat. 09034158942		"		Limas
23	Manuel P. Constantino	✓		50	M	"	Proj. Legat. 09034158942		"		Constantino
24	NELIDA R. DE CASTRO	✓		59	M	KAY DUKE	Proj. Legat. 09034158942		"		De Castro
25	JENNET A. MORALES	✓		41	F		Proj. Legat. 09034158942		"		Morales
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