



Republic of the Philippines

Department of Environment and Natural Resources

BIODIVERSITY MANAGEMENT BUREAU

Ninoy Aquino Parks and Wildlife Center

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JUL 06 2020

MEMORANDUM

TO : The Undersecretary for Policy, Planning and International Affairs

ATTN : The Assistant Secretary for Policy and Planning Service

The Director, Policy and Planning Service

The Chief, Program Monitoring and Evaluation Division

FROM : The OIC, Assistant Secretary for Climate Change
And Director, in concurrent capacity

SUBJECT : **SUBMISSION OF ACCOMPLISHMENT REPORT FOR THE
2nd QUARTER OF CY 2020**

We are pleased to submit the Accomplishment Report of the Biodiversity Management Bureau for the 2nd quarter of CY 2020.

For your information and record.


RICARDO L. CALDERON, CESO III



2nd QUARTER CY 2020 ACCOMPLISHMENT REPORT

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Data Management including Systems Development and Maintenance

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						REMARKS
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	%ACCOMP ANNUAL	
PROGRAMS														
SUPPORT TO OPERATIONS														
DATA MANAGEMENT INCLUDING SYSTEMS DEVELOPMENT AND MAINTENANCE														
1. DATA MANAGEMENT														
1.1. Maintenance and enhancement of Website including data population														
1.1.1. Maintenance, updating and enhancement of BMB and CHM Websites														
1.1.2. Conduct of meetings related to maintenance and enhancement of website														
1.1.3. Attendance to DICT website enhancement trainings														
1.1.4. Migration of BMB Website to WordPress														
1.2. Database Maintenance and Updating														
1.2.1. PA Information System														
1.2.2. Attendance to trainings/workshops/seminars/ meetings related to Database and Application Development and other activities related to data management														
1.3. Maintenance of IT Infrastructure														
1.3.1. Maintenance of Internet Connectivity														
1.3.2. Maintenance of Local Area Network (LAN)														
1.3.3. Maintenance of Internet Access Points														
1.3.4. Repair and maintenance of BMB computers and other IT Equipment														
1.3.5. Email Account Management and Maintenance														
1.3.5.1. BMB Webmail account management and maintenance														

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						REMARKS				
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	%ACCOMP					
													ANNUAL		TO DATE			
1.3.6. Maintenance of Servers	Service maintained																	
1.3.6.1. CITES E-permitting Server		2		2		2		2		2				2	100	100		
1.3.6.2. PA Information System Server																		
1.3.7. Maintenance of Network Access Storage	Network Access Storage maintained																	
1.4. Procurement of computers and IT equipment	computers and IT equipment procured																	
1.5. Capacity Building																		
1.5.1. Hands-on training on Content Management System and Website Maintenance for BMB Website	trainings conducted																	
1.5.2. Training/Workshop on Data Uploading and maintenance of the BMB Transparency Seal	trainings conducted	1			1					1								
1.5.3. Training on GovMail Account	trainings conducted																	
1.6. Digitization and consolidation of BPKMD files and documents	no. of files and documents digitized and consolidated																	
		2160		540		540		540		540		1080		772	682	1454	67	135
1.7. Maintenance/updating of database on caves, wetlands, urban biodiversity, etc.	database maintained/ updated/ meetings conducted technical and support staff hired																	
		1		1		1		1		1		1		1	1	1	100	100
		2		2		2		2		2		2		2	2	2	100	100
2. GEOGRAPHIC INFORMATION SYSTEM																		
2.1. Update and production of integrated maps	Integrated maps updated and produced																	
2.1.1. Protected Areas		4		1		1		1		1		2		1	1	2	50	100
2.1.2. Critical Habitats		4		1		1		1		1		2		1	1	2	50	100
2.1.3. Wetland Areas		4		1		1		1		1		2		1	1	2	50	100
2.1.4. Caves		4		1		1		1		1		2		1	1	2	50	100
2.2. Support to Surveillance Mapping/ Remote Sensing of specific PAs (e.g. TVPL)	Support activity conducted		as the need arises based on TVPL WFP						2					2				
2.2. Attendance to trainings/seminars/workshops/meetings and other activities related to GIS	trainings/seminars/workshops/ meetings attended			as the need arises										2				
3. STATISTICAL SERVICES																		
3.1. Compilation/validation and review of statistical reports on protected areas and wildlife resources	Statistical Reports reviewed/ consolidated, compiled and acknowledged	64		16		16		16		16		32		16	16	32	50	100
3.2. Compilation and Uploading to BMB Website of Protected Areas and Wildlife Statistical Yearbook for 2019	Protected Areas and Wildlife Statistical Yearbook for 2019 compiled and uploaded to BMB website	1						1										
3.3. Attendance to trainings/seminars/workshops/meetings	trainings/seminars, workshop attended		as needed						1						1			

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Data Management including Systems Development and Maintenance

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						REMARKS
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	%ACCOMP ANNUAL TO DATE	
and other activities related to statistics	Assistance extended/provided													
3.4. Support to the National Statistical Month celebration	Statistical Month Celebration assistance provided	1				1								

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						REMARKS
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	% ACCOMP ANNUAL TO DATE	
PROGRAMS														
SUPPORT TO OPERATIONS														
PRODUCTION AND DISSEMINATION OF TECHNICAL AND POPULAR MATERIALS IN THE CONSERVATION AND DEVELOPMENT OF NATURAL RESOURCES AND ENVIRONMENTAL EDUCATION														

Department: ENVIRONMENT AND NATURAL RESOURCES
 Agency: OFFICE OF THE SECRETARY (OSEC)
 Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Production and Dissemination of Technical and Popular Materials in the Conservation and Development of Natural Resources

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						REMARKS	
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	% ACCOMP		
													ANNUAL		TO DATE
7. Printing of Compilation of PA Policies (3rd Edition)	No. of copies printed	5000				5000									
8. Assistance to Researchers	No. of researchers assisted	20	5	2	8	5	7	8				8	53	160	
9. PA Profile updating and reproduction	No. of PA Profiles updated/ reproduced	244	107	100	37		207	107	12			119	49	57	
10. Library supplies	supplies purchased	1			1				1			1	100		

PROGRAMS SUPPORT TO OPERATIONS	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						% ACCOMP		REMARKS	
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	ANNUAL	TO DATE			
FORMULATION AND MONITORING OF ENR SECTOR, POLICES, PLANS, PROGRAMS AND PROJECTS																	
1. Policy Formulation																	
1.1. Caves, Wetlands and Other Ecosystems Program																	
1.1.1. DMC on Annual List of Classified Caves	Draft DMC endorsed to DENR-PTWVG thru BMB-TRC	1			1		1							1	100	100	
1.3. Wildlife Conservation and Management Program																	
1.3.3. List and guidelines in the collection of economically important species of flora and fauna	DAO drafted no. of consultations/meetings conducted with report submitted	1 2			2		1		2		1			1	50	50	
1.3.6. DAO on program for the conservation and management of threatened plants in protected areas	DAO drafted no. of consultations/meetings conducted with report submitted	1 2	1		1		1		1		1			1	50	100	
1.4. Biodiversity Policy and Knowledge Management																	
1.4.1. Joint BMB-FMB Technical Bulletin on the Adoption on the Integration of BMS and LAMVIN (Amendment of Joint BMB-FMB TB 2016-01 Enriching Forest Protection through application of the LAMVIN Forest and Biodiversity Protection System)	policy endorsed for review of BMB-TRC Meetings conducted	1 2	1		1		2	4	2				7	350	350		
1.4.2. BMB Memorandum Circular on the Monitoring and Validation Tool and Reporting Format	policy endorsed for review of BMB-TRC Meetings conducted	1 2		1	1		1		2								
1.4.3. Technical Bulletin on the Adoption of the PBSAP Manual (Localization, Financing, Monitoring Tool)	policy endorsed for review of BMB-TRC Meetings conducted	1 2		1		1		2	2		1			3	150	150	
2. Policy Review																	
2.1. Review of guidelines, policies, regulations, resolutions, bills, MOA etc. related to Protected Areas	no of guidelines, policies/ regulations/Bills/Resolutions/ MOA	35		5	10		15	21	10				31	89	207		
2.2. Review of PA Bills/Congressional Resolutions related to Protected Areas	no. of PA Bills reviewed no. of meetings/hearings attended	20 4	5 2	5	5		10	12	3				15	75	150		
													7	175	350		
2.3. Review of draft policies related to wildlife protection and conservation	position papers/comments prepared	3	1	1	1		2		2				2	67	100		
3. Programs/Projects Review, Development and Implementation																	
3.1. Review of proposals regarding Protected Areas	no. of proposals reviewed	6			2		2	12	1				13	217			
3.2. Assistance in the implementation of relevant Programs and Projects regarding Protected Areas	No. of reports reviewed no. of meetings/activities attended	20 40	5 10	5	5		5	5	2				7	35	140		
													21	53	175		
3.3. Review of research/project proposals submitted by various entities/institutions	proposals reviewed/evaluated	12	3	3	3		6	4	1				5	42	83		
3.4. Drafting of conservation and management plans for threatened species	meetings/workshops conducted Species Conservation & Management	6 2	1		3		2	1					1	17	100		

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						% ACCOMP		REMARKS	
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	ANNUAL	TO DATE			
	Plans drafted																
3.5. Updating of the Framework for the Philippine Plant Conservation Strategy and Action Plan	meetings/workshops conducted Status report submitted	2				1	1										
3.6. 2021 BMB Work and Financial Plan	2021 WFP prepared and submitted to DENR Central Office	1					1										
3.7. Preparation and submission of OPCR	OPCR prepared and submitted (commitments and accomplishment)	4	2			2	2	1						1	25	50	
4. Monitoring of Plans/Programs/Projects on Biodiversity Conservation																	
4.1. Review and consolidation of accomplishment reports	Monthly reports submitted to OSEC Quarterly reports submitted to OSEC Annual report submitted to OSEC Annual Report printed and disseminated	12 4 1 1	3 1 1 1	3 1 1 1	3 1 1 1	3 1 1 1	6 1 1 1	3 1 1 1						4 1 1	33 25 100	67 100	
5. Implementation/Coordination of Foreign-Assisted Projects																	
5.1. Implementation/Coordination of Foreign Assisted Projects (BIOFIN Phase II, Biodiversity Corridor, etc)	Meetings/Workshops attended conducted	12	3	3	3	3	7	9	7					11	82	157	
5.2. ADB-GEF Project "International Wildlife Trade: Combating Environmental Organized Crime in the Philippines"	No. of meetings organized Approved minutes of meeting	4 4	1 1	1 1	1 1	1 1	2 2	3 3	2 1					4 4	100	200	
5.3. USAID-Project Wildlife Project	No. of meetings organized Approved minutes of meeting	2 2	1 1	1 1			2 2	2 2	2 1					3	150	150	
5.4. Access and Benefit Sharing (ABS) Project	No. of meetings organized Approved minutes of meeting	2 2	1 1		1 1		2 2	3 1						3 1	150 50	150 50	
6. Capability Building																	
6.1. Attendance to training/workshops/ seminars	no. of meetings/ workshops/fora/ symposia attended	26	20	2	2	2	20	72	8					80	308	400	
6.2. In-House Workshop/Workshop on proposals (Activity Design, TOR, PR) for various NPD Activities	no. of in-house workshop/workshop conducted	1	1				1										
6.3. Assessment and Planning Workshop	no. of workshop organized/conducted	2				1	1										
6.4. 4th National PAMB Summit	No. of PAMB Summit conducted	1				1											
6.5. PA Boundary Demarcation Assessment Workshop	no. of workshops conducted	1					1										
6.6. SRPAO Implementation Assessment Workshop	no. of workshops conducted	1					1										
6.7. Training of Trainors for the pilot testing of Learning Modules to be developed for the Protected Area Academy	No. of trainings conducted	3		1	2		1										
6.8. Environmental Impact Assessment 101	Workshop conducted	1		1			1		1					1	100	100	
6.9. Quality Management System 101	Workshop conducted	1				1											
6.10. Focus Group Discussions with relevant agencies in	FGD conducted	2			1	1	1	1	1					2	200	200	

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													ANNUAL		TO DATE
Mainstreaming Biodiversity in Infrastructure and Mining Sectors															
6.11. Harmonization Workshop on Production and Protection Forests	Workshop conducted	1		1			1	1					1	100	100
7. Conduct of regular conference/meetings/workshops	Conference/Meetings conducted with reports submitted														
7.1. BMB Strategic Planning Workshops		2		1			1	1					1	50	100
7.2. Senior Staff/FDU Meetings		12		3		3	6	5					11	92	183
7.3. Technical Review Committee Meetings		12		3		3	6	2					4	33	67
7.4. Mid-Year National Program Assessment		1				1									
7.5. Year-End National Program Assessment															
10. Technical assistance (TA)															
10.1. Provide technical assistance to other BMB Divisions, Regional Offices, LGUs, OGAs, GOs and other stakeholders on urban biodiversity, agrobiodiversity, IEC, caves, wetlands, etc. including but not limited to:	additional technical and support staff hired assistance provided	2		2		2	2	2					2	100	100
10.1.1. Biodiversity and Ecosystem Services Assessment, Valuation and Monitoring System for Taal Volcano Protected Landscape (TVPL)	BMB SO approved review of related literature of TVPL conducted	1		1				1					1	100	100
	no. of meetings led/conducted with report submitted	3				3		0							
	no. of meetings led/conducted with report submitted	1				1		5					5	500	
10.1.2. Mining and Biodiversity	activity conducted with report submitted	1					1	3					3	300	
10.1.3. Monitoring of Boracay Initiatives		1					1	7					8		
10.1.4. Biodiversity-friendly enterprises (BDFE) Core Group operations							1	1					2		
10.1.5. Support to other biodiversity-related programs and projects		2				1	1	4					8		
								7					12	600	
10.2. Provision of technical assistance and support to implementation of BMB and Regional Office in the planning/programming of BMB Programs/Projects e.g. localization of PBSAP, Harmonization workshops, etc.	technical assistance and support provided	As needed	As needed	As needed	As needed	As needed	As needed	8					8		
12. Support Services															
12.1. Repair and maintenance of Office Equipment	Office equipment repaired and maintained	1					1								
12.2. Driver	No. of driver hired	1		1		1	1	1					1	100	100
12.3. Support Staff	No. of staff hired														
12.3.1. EMS II		1		1		1	1	1					1	100	100
12.3.2. EMS I		1		1		1	1	1					1	100	100
12.3.4. Data Encoder		1		1		1	1	1					1	100	100
12.3.5. IT Specialist		1		1		1	1	1					1	100	100
12.3.6. IT Assistant		1		1		1	1	1					1	100	100
12.3.7. Librarian and support staff		2		2		2	2	2					2	100	100
12.3.8. Administrative Support Staff		2		2		2	2	2					2	100	100
12.3.10. Information Officer		1		1		1	1	1					1	100	100
12.3.11. Technical Support Staff		4		4		4	4	4					4	100	100
12.3.12. Data Analyst - Controller		1		1		1	1	1					1	100	100

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OPERATIONS														
NATURAL RESOURCES SUSTAINABLY MANAGED														
NATURAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM														
Natural Resources Management Arrangement/Agreement and Permit Issuance														
I. NIPAS Management														
1. PACBRMA/CRMP														
	No. of PACBRMA application reviewed/endorsed	5	1	1	1	2	1							
	No. of reports related to PACBRMA reviewed/acted	5		1	2	2	1	8				8	160	800
II. Wildlife Trade Regulation														
1. Preparation of Research Permits/Instruments														
	No. of GPS/teiler permits prepared	12	3	3	3	3	6	6				6	50	100
	No. of MOAs/MOUs endorsed	4	1	1	1	1	2	2				2	50	100
2. Review of risk assessment of GM crops														
	No. of biosafety applications reviewed	10	3	3	3	2	2	6	7	2		9	90	150
3. Processing/issuance of CITES permits (Manual and CITES Electronic Permitting and Management Information System (CEPMIS))														
	permits issued	780	250	30	250	250	280	247	6			253	32	90
4. Monitoring of wildlife farms propagating CITES-listed species for international trade/wildlife facilities holding important wildlife														
	no. of farms monitored	8				4	4							
	no. of monitoring reports submitted	8				4	4							
5. Updating of database on wildlife crimes, list of WRGs/CWRS/WFP holders per region, production and trade reports of wildlife breeders														
	no. of regional monitoring reports evaluated	64	16	16	16	16	32	22				22	34	69
	database maintained & updated	3	3	3	3	3	3	3	3			3	100	100
III. Wildlife Law Enforcement														
1. Mobilization of the Philippine Operations Group on ivory and Illegal Wildlife Trade (POGI)														
1.1. Case-building (intelligence-gathering, investigation, surveillance) operations														
	intelligence report submitted	33	10	3	10	10	13	65	28			93	282	715
1.2. Actual law enforcement operations and filing of criminal complaints/cases against suspected law violators														
	enforcement report submitted to the Director	8	2	2	2	2	4		2			2	25	50
	quarterly enforcement reports	4	1	1	1	1	2							
1.3. Attendance to hearing in courts and office of the prosecutor														
	Hearings attended with reports submitted	6		2	2	2	2	4				4	67	200

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OPERATIONS	NATURAL RESOURCES SUSTAINABLY MANAGED													
NATURAL RESOURCES CONSERVATION & DEVELOPMENT PROGRAM														
Protected Areas Development and Management														
1. Implementation of NIPAS Act, as amended														
1.1. NIPAS Establishment		No of relevant documents for PA establishment reviewed	10		3	3	4	3		4		40	133	
		No. of National NIPAS National Review Committee meetings conducted	1				1							
1.2. NIPAS Management														
1.2.1. PAMB Organization		No. of PAMB appointments reviewed/ endorsed to the Secretary	16	4		6	6	8		1		6	13	
1.2.2. PAMB Operationalization		No of Resolutions reviewed	200	50	10	70	70	150				59	30	39
		No. of Minutes of Meeting reviewed	200	50	10	70	70	150				67	34	45
1.2.3. IPAF Establishment/ Operation		No. of SBR reviewed and/or endorsed	4	1	1	1	1	3		1		2	50	67
		No. of collection and utilization reports reviewed	40	10	2	14	14	30		10		35	88	117
1.2.4. PA Management Plans preparation/ updating		No. of PAMPs reviewed	8	2	2	2	2	6		3		5	63	83
		No. of PAMP Review Committee meeting conducted*	1				1	1						
1.2.5. SRPAO/SEAMS		No. of reports reviewed	12	3	3	3	3	9				7	58	78
1.2.6. Biodiversity Monitoring System		No. of reports reviewed/drafted upon	40	10	4	13	13	30				18	45	60
1.2.7. BAMS		No. of reports reviewed/drafted upon	10	2	2	3	3	6				1	10	17
1.2.8. Special Use Agreements within Pas		No. of SAPA reviewed/drafted upon	4	1		2	1	2		2		6	150	300
1.2.9. Other PA Management Activities		No. of other PA management-related reports reviewed	120	30	10	40	40	70				103	86	147
1.3. Ecotourism Development Program		no. of reports on ecotourism management report reviewed	40	10		15	15	20				1	3	5
1.3.1. Attendance/organization of ETWG meetings		ETWG meetings attended/organized	2			1	1	1						
1.3.2. Attendance/organization of NESOC meetings		NESOC meetings attended/organized	1				1	1						
1.4. Monitoring of NIPAS implementation		No. of sites monitored	10	3		4	3	3				5	50	167
		No. of monitoring tool prepared	1	1				2						
1.5. Monitoring of PA Boundary Demarcation implementation		No. of sites monitored	10			5	5	1						
		No. of monitoring tool prepared	1		1			1						
1.6. PAMO Establishment		No. of meetings/workshops	10	3	2	3	2	8						
2. Cave Management and Conservation Program														
2.1. Review of National Caves and Cave Resources Management and Protection Act (RA 9072)		gaps and enhancements identified	1				1	1						
		no. of meetings/consultations conducted with report submitted	1			1								
		technical staff hired	1	1	1	1	1	1		1		1	100	100

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													ANNUAL		TO DATE	
2.3. On-site validation/monitoring of priority sites	No. of caves validated/ monitored with report submitted	4				2	2									
2.4. Review of Cave Management Plans	no. of cave management plans reviewed	8	2	2	2	2	8	30	14				44	550	550	
2.5. Evaluation of cave reports (assessment, committee, etc)	no. of cave of reports evaluated	15	5	5	2	3	15	41	12				53	353	353	
2.6. National Cave Committee (NCC) Operations	no. of meetings conducted with reports submitted	4	1	1	1	1	3	1	1				1	25	33	
	google drive on the compilation of previous NCC meetings created and shared to NCC members	1		1			1									
2.7. Capacity Development																
2.7.1. Conduct of Single Rope Technique Level 2	activity conducted with report submitted	1				1										
2.7.2. Orientation on the different values of caves (Luzon, Visayas and Mindanao cluster) including roll-out of cave policies	activity conducted with report submitted	1				1										
2.8. Conduct of Cave Forum	forum conducted with report submitted	1				1										
3. Wetlands Conservation and Management Program																
3.1. Rapid Assessment of Wetland Ecosystem Services (RAWES) in selected sites	no. of pilot sites/pilot-testing conducted with report submitted	1					1									
	technical staff hired	1	1	1	1	1	1	1	1	1	1	1	1	100	100	
3.2. On-site validation/Monitoring of priority wetlands	No. of inland wetlands validated/ monitored with report submitted	4			2	2										
3.3. Review of Inland Wetland Management Plans	no. of inland wetland MFPs evaluated	5	1	1	1	2	2	8	4				11	220	550	
3.4. Evaluation of Wetland Reports	no. of inland wetland of reports evaluated	10	3	3	2	2	6	9	9				15	150	250	
3.5. National Wetlands Committee/Inland Wetland Technical Working Group, including subgroup on peatland, Operations	no. of meetings conducted with report submitted	2			1	1	1		1				1	50		
3.6. Lobbying for the Wetland Bill and Roll out of wetland policies (Luzon, Visayas & Mindanao policies)	no. of progress reports submitted/activity conducted with report submitted	2			1	1	1									
	technical staff hired	1	1	1	1	1	1	1	1	1	1	1	1	100	100	
4. Urban Biodiversity Conservation and Management Program																
4.1. Pilot-testing of city biodiversity index (CBI) in green spaces and conduct of CEPA activities	no. of pilot sites/pilot-testing conducted/ CEPA or roll-out conducted	1				1	1									
	technical staff hired	1	1	1	1	1	1	1	1	1	1	1	1	100	100	
6. International Commitments																
6.1. International commitment including travel (Ramsar Convention, ASEAN, etc)	no. of activities participated/attended to with reports submitted	2			1	1			5				5			
6.2. Draft Ramsar National Report	draft report submitted	1														
	no. of meetings/workshops conducted with report submitted	1				1										

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS					2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS					REMARKS		
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		TO DATE	% ACCOMPLISHMENT ANNUAL TO DATE
NATURAL RESOURCES SUSTAINABLY MANAGED														
NATURAL RESOURCES CONSERVATION & DEVELOPMENT PROGRAM														
Protection and Conservation of Wildlife														
1. Conservation of Threatened Species														
A. In-situ Conservation														
1. Monitoring of conservation activities/programs for priority threatened species: Philippine eagle, Tamaraw, Crocodile, Phil. Cockatoo, Flying foxes, Walder's Hornbill, Cebu flowerpecker, Dinagat-tailed cloud rat, Negros fruit dove, Negros bleeding-heart pigeon, Mindoro bleeding-heart pigeon, Tarsier, Sulu hornbill, Marine turtles, Dugong	Regional reports evaluated	60	15	15	16	15	30	109				109	182	363
	Field monitoring reports submitted	3			2	1								
	Status report on population/sightings/ distribution of threatened species	1				1								
2. Updating of information/data on the status of wildlife resources and their conservation	Wildlife species database/ data holdings updated and uploaded at the BMB website	1	1				1	1				1	100	100
3. Mobilization of Wildlife Committees (PPCC, PRLC, NMWG, NCCC, PEWG)	Minutes of meeting submitted	3	1		1	1	1	1				1	33	100
4. Asian Waterbird Census (AWC)	Regional bird count report reviewed	16	8	8			16	7				7	100	100
	National AWC report submitted to Regional Coordinator	1			1									
5. Establishment and management of Critical Habitats														
5.1. Review/evaluation of the submitted proposed establishment of CH	draft proposal reviewed	4	1	1	1	1	2	5	4			9	225	450
B. Ex-situ Conservation														
1. National Wildlife Rescue and Research Center (NMWRC)														
1.1. Veterinary care and maintenance of confiscated, donated and rescued wild animals	No. of animals maintained	1200	1200	1200	1200	1200	1200		2045			1018	85	85
1.2. Management of rehabilitated animals in pursuit of DAO 97-17	No. of confiscated animals maintained	685	685	685	685	685	685		1052			527	77	77
1.2.3. Turn-over of animals to accredited wildlife facilities through loan or donation	loan/donation instrument approved		as necessary based on the recommendation of the BMB Wildlife Disposition Committee					1				1		
	no. of animals disposed through loan/donation							25				25		
2. Monitoring of Regional and designated WRCS	no. of field monitoring reports	3			1	2		32	12			44	1467	

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						REMARKS	
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	% ACCOMPLISHMENT		
													ANNUAL		TO DATE
II. Wildlife Diseases	submitted														
	no. of field sampling conducted														
	1. Conduct of wildlife disease surveillance report submitted	1					1								
		1					1								
2. Mobilization of the Zoonosis Committee	Minutes of meeting prepared	1				1								50	
III. National Wildlife Rescue and Research Center (NWRRC) Operation															
	1. Animal Food/Medicines/etc supplies procured		moving target												
V. Compliance with Regional and International Commitments/Agreements/Partnerships															
	1. Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)														
	1.1. Annual Inventory of government stockpile of ivory	inventory mobilized	1	1			1	1	1				1	100	100
	ivory inventory report submitted to the CITES Secretariat	1		1			1	1	1				1	100	100
1.2. Submission of CITES-related Reports (Annual Trade Report and Annual Illegal Trade Report)	reports submitted to CITES	2				2									
Annual Trade Report															
Annual Illegal Trade Report															
2. Convention on Migratory Species (CMS)															
2.1. Participation to CMS COP 13	meeting attended with report	2			1	1		1	1				1	50	

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						% ACCOMPLISHMENT		REMARKS
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	ANNUAL	TO DATE		
OPERATIONS																
NATURAL RESOURCES SUSTAINABLY MANAGED																
NATURAL RESOURCES CONSERVATION & DEVELOPMENT PROGRAM																
Management of Coastal and Marine Resources																
1. Policy/Guidelines																
1.1. Development of Draft Policies (Policy, TB Guidelines on the implementation of CMEWP Components)																
1.1.1. Guidelines on water quality assessment implementation within NIPAS MPAs with EMB		Draft policy submitted to TRC	1				1									
1.1.2. Inputs to the Guidelines on Resource Valuation in PAs, specifically on coastal and marine areas		Inputs endorsed to NPD (lead) for consolidation	1				1									
1.1.3. Guidelines on Green Fins		Draft policy submitted to TRC	1		1			1								
1.1.4. Guidelines on Coral Bleaching		Draft policy submitted to TRC	1		1			1	1					1	100	100
1.1.5. Resubmission of MPAN TB		Draft policy submitted to TRC	1	1					1							
1.2. Review of policies, guidelines, bills etc. related to coastal and marine biodiversity referred to the Office		Draft policy reviewed and commented (no)	8	3	1	2	2	4	3					3	37.5	75
2. Coastal and Marine Direct Implementation on CMEWP																
2.1. MPAN/MPAN Establishment, Strengthening & Operationalized																
2.1.1. Habitat Assessment for Legislated and Proclaimed PAs																
2.1.1.1. Conduct of Cluster workshop for the Orientation of the following technical bulletins: Habitat Assessment, demarcations		activity report submitted	2			1	1									
2.1.1.2. Conduct of preparatory meetings, attendance to workshops, consultations, and or technical assistance to actual conduct of habitat assessment and MPA demarcation		activity report submitted	4	1	1	1	1	2	0	1				1	25	50
2.1.2. West Philippine Sea (WPS) - communication of the expedition results to LGUs/ stake holders																
2.1.2.1. Conduct of workshop and coordination activities on the implementation of priority activities specified in WPS Research Framework / Communication Plan		minutes of the meeting/ report submitted	2	1		1		1	2	1				3	150	300
2.1.2.2. Development of WPS Long-Term Plan and Info Materials of the expedition results		Plan and info materials developed	2		1		1	1								
2.1.2.3. Attendance to meetings, consultation workshops, trainings and TWG meetings organized by other agencies		report submitted	4	1	1	1	1	2	3					3	75	150

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						REMARKS	
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	% ACCOMPLISHMENT		
													ANNUAL		TO DATE
2.1.3. <i>Philippine Rise (PH Rise)</i>															
2.1.3.1. Conduct of PAMB, TWG Meetings/Workshops, Coordination activities and Implementation of priority activities specified in the PRMR Management Plan	minutes of the meeting/ report submitted	2				1	1								
2.1.3.2. Conduct of preparatory meetings on PH Rise - Drafting of PRMR Bill - Pre-PAMB prep meetings	minutes of the meeting/ report submitted	1					1						1	100	
2.1.3.3. Attendance to meetings, management planning, consultation workshops, trainings and TWG meetings organized by other agencies	minutes of the meeting/ report submitted	4	1	1	1	1	1	2	4				4	100	200
2.1.4. <i>Marine Protected Area Network (MPAN)</i>															
2.1.4.1. Conduct MPAN roll-out and MPAN Summit activities related to Marine Protected Area Network	report submitted	1			1			1							
2.1.4.2. Support to Verde Island Passage Marine Protected Area Network and Law Enforcement Network	minutes of the meeting/ report submitted	1			1			1	1				1	100	100
2.1.4.3. Conduct of preparatory meetings, attendance to workshops, consultations, and or technical assistance on MPAN toolkit implementation and other related MPAN activities	report submitted	2	1	1				2							
2.1.5. <i>MPA Demarcation</i>															
2.1.5.1. Conduct of meetings on demarcation of Legislated NIPAS MPAs	travel report submitted	2	2					2							
2.1.5.2. Support to demarcation of Legislated NIPAS MPAs and other needed support for the operationalization of the NIPAS MPAs thru partnership with PCG	activity report submitted	3			1	1	1	1	2	1			3	100	300
2.1.6. <i>Support to PAMB Operationalization</i>															
2.1.6.1. Attendance to PAMB Meetings	travel report submitted	2			1	1									
2.2. <i>Biodiversity-Friendly Enterprise (BDFE)</i>															
2.2.1. Conduct of Attendance to meetings related to the implementation of BDFE	minutes of the meeting/ report submitted	4	1	1	1	1	1	2	2	4			6	150	300
2.2.2. BDS Learning event: orientation/ sensitization on ecological impacts of coastal enterprises	activity report submitted	1	1					1	1				1	100	100
2.2.3. Documentation of Best Practices	documentation report submitted	1					1								
2.2.4. Business Development Services (BDS) Learning Event - Orientation/ Sensitization	activity report submitted	4					4								

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						REMARKS	
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	% ACCOMPLISHMENT		
													ANNUAL		TO DATE
2.3. Capacity Building															
2.3.1. Conduct of Attendance to preparatory meetings related to Capacity building	minutes of the meeting/ report submitted	4	1	1	1	1	2	1					1	25	50
2.4. Knowledge Management															
2.4.2. Divers Registry Volunteer (Online Registration) AGOS Page - Development of the online registration for volunteers and updating of the database	minutes of the meetings/report submitted	2	1			1	1	1					1	50	100
2.5. Communication, Education and Public Awareness (CEPA) and Social Marketing															
2.5.1. Preparatory/Coordination Meetings, roadmapping, orientation, workshops, roll out, outreach, etc related to Communication, Education and Public Awareness (CEPA) and Social Marketing special events	minutes of the meeting submitted	5	2	1	1	1	3	2					2	40	67
2.5.2. Social Marketing related activities, orientation, workshops roadmapping, roll out, outreach etc: - Green fins roadmapping (DAO development) - PH rise strategic communication	activity report submitted	4	2	1	1		3	3					3	75	100
2.5.3. Actual Conduct of Special Events - Month of the Ocean - Coral Triangle Day Celebration - International Coastal Clean Up - PH Rise week/month	activity report submitted	3		2	1		2	1	2				3	100	150
2.5.4. Production of IEC Materials/ Conduct of CEPA Activities as identified in the draft CMEWP Communication Plan in support to the implementation of all CMEWP Components including priority areas in PH Rise and WPS	IEC Materials produced/ activity conducted	6	1	2	2	1	3	0	2				2	33	67
2.6. Technical Assistance															
2.6.1. Integrated Coastal Management (ICM)															
2.6.1.1. Technical Assistance on ICM (DENR/DENR Field Offices, DILG and LGUs, Partners (academe, etc.)	technical assistance provided	4	1	1	1	1	2	1					1	25	50
2.6.1.3. Review, Support/Advocacy/Lobbying to relevant policies and legislations	activity report submitted	3		1	1	1	1								
2.6.2. Support to the Regional Implementation of CMEWP															
2.6.2.1. Review of submitted reports on CMEWP Implementation/accomplishment, submitted by the regions	no. of communication responded	16	4	4	4	4	8	5					5	31	63
2.6.2.2. Field Technical Assistance/support to the regional/ field offices on their CMEWP Component	travel report submitted	2			1	1		1					1	50	

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						REMARKS	
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	% ACCOMPLISHMENT		
													ANNUAL		TO DATE
	Implementation (MPAMPAN, CEPA, CAP BLDG, etc)														
	2.6.2.3. Support for Conduct of and attendance to the enhancement of the NIPAS Protected Areas, other CMEMP Implementation (CEO, HOA, ARMS retrieval, Carrying Capacity)	proposal and wfp/ report submitted	9		4	3	2	4	1				11	25	
	2.6.4. Support to Snake Island														
	2.6.4.1. Conduct of/Attendance to and support to meetings, workshops, consultations, orientations , habitat assessment, related to the operationalization of Snake Island as National Coastal and Marine Center for Research	report submitted	5	1	2	1	1	3	1				20	33	

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						REMARKS	
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	% ACCOMPLISHMENT		
													ANNUAL		TO DATE
celebrations, (e.g. DFA-related concerns, FASPS project, PROCOAST, South China SEA SAP, GCF, Climate Change, BMB-BFAR Convergence, BMB Assessment, Coastal and Marine related summit/ congress, Corals, Mangrove, Seagrass, ICM, biodiversity, Cave, Adlaw sin Payukan, Marine Litter NPOA Consultations/Launching, Marra, IMO, Manila Bay/ Rehabilitation etc.) boracay/ rehabilitation, Taal assessment/ rehabilitation, National PAMB summit															
3.4.2. <i>International Coastal and Marine Concerns</i>															
3.4.2.1. Review of Special Concerns on International related Partnership/MOA/collaboration/MSR, etc.	correspondence forwarded	4	1	1	1	1	1								
3.4.2.2. Attendance to international negotiations, meetings, commitments, forums, learning event, conferences, conventions, etc. (e.g. DFA-related concerns, ASEAN (AHP/WWG/CME), Ramsar, CBD, IMO conventions, SDG 14, 11, CMS, ICRI, APEC, UN-BBN, CTI, CCA, TIHPA, SSS, MPA Conferences and Learning events	travel report submitted	2			1	1		3				3	150		
3.4.2.3. Conduct and support to of International events: international negotiations, commitments, forum, learning event, conferences, conventions, etc	activity report submitted	2			1	1		1				1	50		
				</											

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENTS						REMARKS	
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	% ACCOMPLISHMENT		
													ANNUAL		TO DATE
5.1.11. Project Development Officer	Staff hired	1	1	1	1	1	1	1	1	1	1	1	100	100	
5.1.12. Project Support Officer	Staff hired	1	1	1	1	1	1	1	1	1	1	1	100	100	
5.1.13. Administrative Assistant	Staff hired	2	2	2	2	2	2	2	2	2	2	2	100	100	
5.1.14. Data Encoder	Staff hired	1	1	1	1	1	1	1	1	1	1	1	100	100	
5.1.15. Records Management Assistant	Staff hired	1	1	1	1	1	1	1	1	1	1	1	100	100	
5.1.16. Diver	Staff hired	1	1	1	1	1	1	1	1	1	1	1	100	100	
5.1.17. Project Monitoring and Evaluation Officer (Manila Bay)	Staff hired	1	1	1	1	1	1	1	1	1	1	1	100	100	
5.1.18. Administrative Assistant (Manila Bay)	Staff hired	1	1	1	1	1	1	1	1	1	1	1	100	100	
5.1.19. Driver	Staff hired	2	2	2	2	2	2	2	2	2	2	2	100	100	

Prepared by:

Approved by:

ARMANDO ANDRES
Chief, BPKMD

RICARDO CALDERON, CESO III
OIC-Assistant Secretary for Climate Change and
Director, in concurrent capacity

**Department of Environment and Natural Resources
BIODIVERSITY MANAGEMENT BUREAU**

**Accomplishment Report
2nd Quarter CY 2020**

A. INTRODUCTION

The Biodiversity Management Bureau (BMB) is the lead agency tasked and mandated to conserve and to protect the country's biological diversity as well as to sustainably manage and to conserve the important resources and ecosystem services they provide. The Bureau is tasked to formulate and to recommend policies and programs which will strengthen the implementation of the National Integrated Protected Areas System (NIPAS) and other effective area-based conservation measures. The Bureau is also tasked in mainstreaming of biodiversity across local, sectoral and national development plans and programs.

B. ACCOMPLISHMENTS

Based on the approved BMB Work and Financial Plan for CY 2020, the Bureau was able to accomplish the following major activities for the months of April to June 2020:

I. Formulation/Preparation/Review of Policies and Guidelines

A. Approved the following policies/guidelines:

- BMB Technical Bulletin (TB) 2020-02 re: Protocol for Managing Human Crocodile Conflict in the Philippines
 - Signed by the Director on 22 May 2020
- BMB TB 2020-03 Adopting the Protocol for the Collection of Tissue Samples for DNA Barcoding
 - Signed by the Director on 03 June 2020
- BMB TB 2020-04 Adopting the Philippine aquatic wildlife rescue and response manual series for marine turtles and marine mammals (Dugongs)
 - Signed by the Director on 03 June 2020

B. Endorsed the following policies/guidelines to DENR PTWG:

- Draft DENR Administrative Order (DAO) on the guidelines for the development and recognition of biodiversity-friendly enterprises (BDFEs) in protected areas under the National Integrated Protected Area System (NIPAS) and conservation areas, providing for incentives and supporting mechanisms
 - Endorsed on 29 April 2020

- Draft DAO on Enhancing Biodiversity Protection and Conservation in Mining Operations
 - Endorsed on 06 April 2020

C. Drafted the following policies/guidelines:

- Draft Guidelines on the Registration of Threatened and/or Economically Important Species of Wild Flora, including CITES listed and threatened exotic in the possession of individuals, establishments, or institutions engaged in the propagation and trade thereof;
- Draft Guidelines for the commercial propagation and trade of *Aquilaria species* and Agarwood products and derivatives;
- Draft Guidelines for the conservation and sustainable management of threatened native tree species in the protected areas;
- Draft DAO on Rationalizing the implementation of Biodiversity-friendly Agricultural Practices (BDFAP) in and around Protected Areas under National Integrated Protected Areas System; and
- Draft Memorandum Order on Guidance for the implementation of the Coastal and Marine Ecosystems Management Program Components for CY 2020

D. Evaluated and provided comments and recommendations on the following policies/guidelines/proposals/Bills:

- Draft Projection/plotting of the 50 priority approved CADTs/CALTs endorsed by NCIP for registration with the Land Registration Authority relative to the implementation of JAO 2012-01
- HBN 4951 entitled "An Act, Declaring Lands of the Public Domain located in the Municipalities of Bantayan, Madridejos, and Sta. Fe all in the provinces of Cebu, as Agricultural Commercial Residential Industrial or Other Productive Purposes Amending for the Purpose Presidential Proclamation No 2151" Declaring Certain Islands and/or parts of the country as wilderness areas"

II. Establishing and Managing Protected Areas

- Reviewed the PASA report of the following Initial Components:
 - Dupax WFR
 - Bawa WFR
 - Wangag WFR
 - Malubog Pt., San Pablo to Sambulawan and Pisaan Dinas, Zamboanga del Sur

- Reviewed the following PAMB appointments
 - Proposed appointment of representatives of Ex Officio members of NAPWC Management Board
- Reviewed the PA Management Plan of the following Pas:
 - Batanes PLS
 - Mts. Iglit-Baco NP
 - Pasonanca NP
- Reviewed the IPAF Collection reports of the following Protected Areas:
 - WFP of Mt. Hamiguitan Range WS for IPAF (75%) PA-RIA;
 - Updated Matrix on IPAF Report thru email of Balinsasayao Twin Lakes NP;
 - Lake Danao NP;
 - Taal Volcano NP
 - Mts. Banahaw-Cristobal PL
 - Upper Marikina River Basin PL
 - Maulawin Spring PL
 - Quirino PL
 - Alibajaban WA
 - PP1636
- Reviewed the following SAPA applications:
 - Energy Logics Philippines, Inc for Transmission Line Right-of-way within Metropolitan Ilocos Norte Watershed FR;
 - Royal Premier Leisure and Development Corporation for Proposed El Nido Coastal Leisure Report Project
- Reviewed the following proposal regarding the establishment of PA Management Office:
 - Proposed establishment of PAMO endorsed to DBM and to DENR Central Office
- Serve as Resource Person to the following Learning Event:
 - Virtual holding of the ENR Academy for the DENR CO on 29 April 2020

III. Cave Management and Conservation Program

- Reviewed and evaluated the following cave assessment reports:
 - Tantanem Cave and Immanasaas Cave in Region 1;
 - Marciano and Nato caves in Region 2
 - Pavulawan Cave in Batanes PLS
 - Kabudon Cave
 - Pianilan Cave Assessment
 - Lumiang Cave Profile
 - Bakiwan Cave Profile

- Lungon-Lungon Cave Profile
- Okbo Cave Profile
- Alina Cave Profile
- Silop Cave Profile
- Progress Report on Cave Assessment within Kitanglad Range Natural Park
- Reviewed and evaluated the following cave management plans:
 - Banahaw Cave
 - Amazing Cave
 - Pisong Cave
 - Catugpa Cave
 - Duwangon Cave
 - Bellang Cave
 - Magangab Cave
 - Mangol Cave
 - Kakidugen Cave
 - Mininahan Cave
 - Natunawan Cave
 - Pinanaan Cave
 - Tipon-Tipon Cave
 - Kamitubituhan Cave
 - Malobago Cave
 - Bot-bot Cave
 - Dagindingan Cave
 - Bugsok Cave
 - Igang Cave
 - Langob Cave
 - Libon Cave
 - Tambo Cave
 - San Jose Cave
 - Buho ni Sisto Cave
 - Bul-ogan Cave
 - Manocmanoc Cave
 - Antonia Cave
 - Waling-waling Cave
 - Lapuz Cave
 - Eskultor Cave
 - Dark Side of Paradise Cave
 - Bat Cave
 - Capitoguan Cave
 - Crystal Cave
 - Timalang Cave Complex
 - Malaog Cave
 - Kamantigue Cave
 - Butas-Kabag Cave II
 - Palale Cave
 - Sung Wan Cave
 - Arana Cave
 - Luyang cave
 - Namaw Cave
 - Kabudon Cave
 - Mantal Cave
 - Stafong Sol Cave
 - Mahayhay Cave
 - Catugpa Cave
 - Duwangon Cave
 - Guwaon Cave
 - Carayan Cave
 - Tres Marias Cave
 - Ban-ao Caves
- Reviewed and evaluated the reports on implementation of cave management plan of the following:
 - Cagong King, Chocolate and Manan-aw Management Plan
 - Gahoy Cave Management Plan
 - RM Tan Cave Management Plan
 - Samar Island Cave Management Plan
- Reviewed the following other cave-related reports:
 - Resolution No. 3 Series of 2019 Approving the Classification of the Seven Caves in Sta. Teresita, Cagayan

- Resolution No. 5 Series of 2019 Approving Classification of Ligaya Cave located at Aglipay Quirino
 - Activity Report on the Regional Cave Committee Meeting cum Review CY 2019 Malungoy-lungoy and Naglahao Falls Management Plan
 - Minutes of the Zamboanga Peninsula Regional Cave Committee (ZPRCC)
- 31st NCC Meeting was conducted on 10 June 2020

IV. Wetland Conservation and Management Program

- Reviewed and evaluated the following Wetland Management Plans:
 - Lake Agpayao
 - Lake Marugo
 - Lake Pako
 - 7 Major Rivers in Antique: Ypayo, Cangaranan, Cairawan
 - Inland Wetland Management Plan of CALBARZON Region
 - Yellow Lake Wetlands Management Plans
 - Lake Pinamaloy Management Plan
 - Lagbangan Lake Management Plan
 - Manat Wetland Management Plan
 - Rosario Wetland Management Plan
- Reviewed the wetland assessment report of the following
 - Profile of Lake Napalit
 - Profile of Lake Manguao
 - Profile of Laguna Lake
 - Profile of Naujan Lake
 - Profile of Manguao Lake
 - Carague Lake
 - Cansiritan Lake Assessment
 - Inland Wetland Inventoried and Mapped in Sta. Maria, Isabela
 - Wetland Profiling in Palau Island PLS
 - Cambri SWIP assessment Report
- Inland Wetland TWG Meeting was held on 17 June 2020

V. Managing the Ninoy Aquino Parks and Wildlife Center

The Bureau continuously managed the 23.85 hectare Ninoy Aquino Parks and Wildlife Center (NAPWC). From the month of March to date, the Park is closed to visitor/ ecotourism activities due to COVID Pandemic.

Ninoy Aquino Parks and Wildlife Center conducted a ceremonial tree planting for the Arboretum of Philippine Native Trees on 23 June 2020. The ceremonial tree planting entitled, "Sibol: Katutubong Punla, Usbong ng Pag-asa" is part of the

Arboretum of Philippine Native Trees Project of the Bureau which envisions to transform NAPWC into a living museum of native trees from across various regions of the country. This project is in support to the Bureau's effort to enhance the ecosystem services of the Park and gradually make it as a repository of indigenous and rare living Philippine flora that will allow the visitors to appreciate the richness of the country's biodiversity through our native trees.



Figure 1. The Arboretum of Philippine Native Tree Species inside the NAPWC

VI. Protection and Conservation of Wildlife

A. Wildlife Trade Regulation

- Due to COVID Pandemic, for the 2nd Quarter of CY 2020, the Bureau was only able to process and issue six (6) CITES permits.

B. Wildlife Law Enforcement

- Continuing its fight against ivory trade, several activities were conducted by the Bureau. For the 2nd Quarter of CY 2020, the Bureau conducted 34 cyber and two (2) actual law enforcement.

C. Conservation of Threatened Species

- **Establishment and Management of Critical Habitats**
 - Reviewed the proposal on the establishment of Critical Habitats
 - i. Proposed CH for Homonhon Island, Guian, Eastern Samar
 - ii. Proposed CH for Mt. Likod-Lipsuk (CAR)
 - iii. Proposed CH for Mt. Tinaclawan-Wayan-Gummaya Sedir Range, Conner, Kabugao, Apayao
 - iv. Proposal for Sasmuan Bankung Malapad CH
- **National Wildlife Rescue and Research Center (NWRCC)**
 - The Wildlife Rescue Center (WRC) serves as a temporary refuge and rehabilitation facility for confiscated, turned over, donated and/or abandoned wildlife. For the 2nd quarter of 2020, WRC houses a total of 1018 different animals. Moreover, WRC maintained 527 confiscated animals.
 - Reviewed 12 monitoring reports submitted by the Regional Offices

VII. Coastal and Marine Ecosystems Management Program

A. COASTAL AND MARINE ECOSYSTEMS MANAGEMENT

- **MPA/MPAN ESTABLISHMENT, STRENGTHENING AND OPERATIONALIZED**
 - Support to West Philippine Sea
 - Revised PRMRR StratCom Plan and emailed document to concerned people and agencies
 - Facilitated an online meeting on the WPS Strategic Communication Plan Activity Proposal
 - No cost extension and budget realignment for PROTECT WPS
 - Draft possible questions for experts regarding marine environmental damage in the West Philippine Sea
 - MPAN
 - Provided financial support to all DENR Regions for the Open Distance Learning on MPAN tool kit Roll-out/Capacity building and roadmapping exercise. MPAN ODL started on 16 May 2020 and will end on July 2020
 - MPA Demarcation
 - Responded to the Memorandum request for a copy of terms of reference on the outsourcing of NIPAS-MPA Demarcation Activity

- **BIODIVERSITY FRIENDLY ENTERPRISES**
 - Provided BDFE Implementation updates
 - Conducted meeting to discuss the WFH Action plan
 - Conducted meeting to discuss the FA documentation
 - Conducted BMB-BDFE Core Team Meeting on implementation updating, FA Documentation
- **KNOWLEDGE MANAGEMENT**
 - Attended meeting regarding the World database on Protected Areas
- **CEPA AND SOCIAL MARKETING**
 - Assisted in the editing of concept briefer and scripts for the video of Philippine Rise and West Philippine Sea in reference to the Memorandum of Agreement between DERN-BMB and PTV4

B. PARTNERSHIP, CONVERGENCE, TECHNICAL ASSISTANCE AND SUPPORT TO OTHER AGENCIES ON COASTAL AND MARINE RELATED CONCERNS

- **REVIEW OF TECHNICAL PAPERS RELATED TO COASTAL AND MARINE**
 - Reviewed and provided comments and classifications to the GEF-7/ CI-RARE Leyte Gulf Project Document;
 - Reviewed and provided comments referred by DFA on the application of the Taipei Economic and Cultural Office (TECO) for consent to conduct marine scientific research (MSR) entitled, "Marine Geophysical Surveys in the Manila Trench Region: Coastal Structure and Implications on Geo-hazards", a joint research project with UP-NIGS and National Central University of Taiwan
- **BFAR-BMB CONVERGENCE**
 - Attended BMB-BFAR Convergence 1st Quarter Meeting on 12 May 2020
- **MONITORING AND EVALUATION**
 - Submitted the Coastal and Marine Universe data
 - Conducted three clusters of National Program Orientation on 23, 25 and 26 June 2020
 - Coordinated to DENR Regions the Coastal and Marine Ecosystems Management Program (CMEMP) 2020 Learning Events Training Needs Assessment
 - Submitted list of priority species (under DENR's jurisdiction) found in MPAs, as requested from the ROs

VIII. Communication, Education, and Public Awareness (CEPA) Program

- **Assistance to Researches**

- Acted on the query of a 4th year architecture students regarding her thesis proposal on the Redevelopment of La Mesa Ecopark

- **BMB Newsletter**

- Launched BMB Newsletter Maiden Issue (Jan-June 2020) on BMB's official facebook page last June 22, 2020. 1000 Printed copies were distributed to the officials in DENR CO and Bureaus.

Ecopy of the Biodiversity Sentinel can be downloaded through the following link: <https://bit.ly/3hPc1FG>

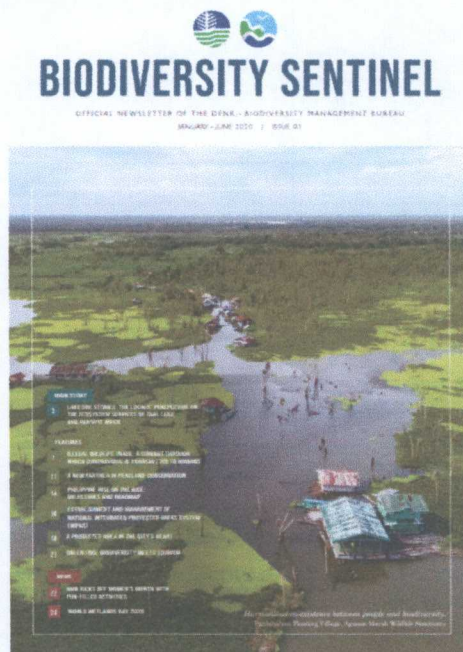


Figure 2. BMB Official Newsletter "Biodiversity Sentinel"

- **BMB Facebook Page Analytics**

- The page gained a total of 6,980 likes within the past three months. 55% of the followers of the page are women and 45% of them are men. The breakdown of demographics reveals that the most followers fall within the 18-24 and 25-34 age groups

- **Posting of Articles in the BMB Website**

- Following articles were posted and can be read in the BMB Website:
 - DENR-BMB, Deputy Speaker Loren Legarda, CCC Launch PA talk
 - First Record of Hooded Cranes in the Philippines
 - 2020 Philippine Eagle Week
 - Make Every day Earth Day with Mission 1.5

- **Special Events and Celebrations**

- **World International Day for Biological Diversity**

The Bureau participated in the online celebration of International Day for Biological Diversity 2020 on 22 May 2020 with the theme, “Our Solutions are in Nature,” emphasizes hope, solidarity and the importance of working together at all levels to build a future of life in harmony with nature.



Figure 3. Banner for the Celebration of the International Day for Biological Diversity

The Bureau implemented a social media plan to multiply the effects of the Convention on Biological Diversity (CBD) Secretariat's Online Campaign using the official Facebook page of the DENR-BMB as a platform. Moreover, the Bureau built up the event through a 10-day countdown which commenced on 12 May 2020 until 21 May 2020. The 10-day countdown posts featured topics such as local biodiversity trivia, practical and localized tips on taking part in the realization of the IDBD objectives, and being an online biodiversity advocate and eco-volunteer.

The Bureau launched different online activities for the Biodiversity Week (May 18-22, 2020) such as online quizzes, 100-word story challenge featuring Philippine Biodiversity, sharing of CBD produced videos featuring Biodiversity Week themes and awareness call to stop illegal wildlife trade through anonymous reporting in partnership with the Global Environment Facility (GEF) funded Illegal Wildlife Trade Project.

The 10-day social media activities reached an average reach of 7,040 based on the computed average of Facebook report on post reach.

- **Philippine Eagle Week**

Every June 4-10 of each calendar year, we celebrate the life and survival of the Philippine eagle, our National Bird and as the flagship species in the campaign for the conservation of the rich biodiversity of the country. Now on its 22nd year, the 2020 Philippine Eagle Week is no different from the previous years, only that this year's celebration came at a time when

the country is facing a national public emergency because of a worldwide pandemic known as COVID-19, a viral disease believed to have originated from wildlife (zoonotic disease). COVID 19 has claimed thousands of lives globally, including the Philippines. The overwhelming impact of the current pandemic calls for a rational response that should foster a healthy co-existence between humans and wild animals.

With the theme, “Pangangalaga ng Buhay-ilang at Kagubatan, Kalusugan ng Mamayan”, the PEW 2020 celebration shall seize the opportunity to help communities understand the critical role of wildlife conservation in preventing emergence of zoonotic diseases to avoid similar pandemics in the future.



Figure 4. Banner for the Celebration of the Philippine Eagle Week

Thus, the best way to prevent the occurrence of infectious diseases from wild animals is to:

- Protect remaining wildlife habitats;
- Restore damaged ecosystems to bring back stability to natural environments;
- Promote various area-based conservation measures such as protected areas and indigenous and community conserved areas);
- Strictly comply with wildlife regulation to ensure that wildlife trade is sustainable, legal, and safe.

As we celebrate the 2020 PEW, we call on the Filipino people to embrace conservation of wildlife and their habitats as our way of life in the “new normal” for the perpetuation of the Philippine eagle, and other wildlife, and to prevent the occurrence of similar pandemics in the future.



Figure 5. Infographics on PEW 2020. *Left.* Philippine Eagle Week 2020 Art Contest. *Right.* Speakers and topic for the Philippine Eagle Week 2020 Webinars

The Bureau led several activities to commemorate PEW. Among the activities for the 2020 PEW at the national level is an Art contest for grades 10-12 and a webinar on Philippine eagle conservation. The deadline of submission of entry is on June 10, 2020. Among the pool of entries, three winners were selected on 15 June 2020 and posted in the DENR-BMB Facebook Page.

Moreover, the Bureau lead the PEW 2020 Webinars on June 9, 2020. Keynote speakers shared their vast knowledge on Philippine Eagle as well as the zoonotic diseases encountered by the wildlife most especially raptors.

○ **Month of the Ocean 2020**

The "Month of the Ocean" (MOO) is celebrated annually in the Philippines during the month of May by virtue of Presidential Proclamation No. 57 issued in 1998, to promote and highlight the country's efforts towards conservation, protection and sustainable management of the country's coastal and marine environment and biodiversity resources.



MONTH OF THE OCEAN 2020

PAra sa Tao:

Protected Areas for a Protected Future

Figure 6. Banner for the Celebration of Month of the Ocean

This year marks the 21st anniversary of the Month of the Ocean. Our theme this year is “PAra sa Tao: Protected Areas for a Protected Future”. This theme aims to provide you an appreciation and broader understanding on Marine Protected Areas and their environmental, social, and cultural benefits.

BINGO OCEAN!
PS - PROTECTED SEASCAPE
PLS - PROTECTED LANDSCAPE AND SEASCAPE

Las-Piñas Parolaque Wetland Park	Agoo- Damortis PLS	Botanes PLS	Palau Island PLS	Pohalanza PLS
Masinloc - Oyan Bay PLS	Tubbataha Reefs Natural Park	Apo Reef Natural Park	Malabunget PLS	Tica- Burias Pass PS
Bangsalay Natural Park	Sagay Marine reserve	Olango Island Wildlife Sanctuary	Albarrunao -Looy-Libao PLS	Panglao Island PS
Talibon Group of Islands PLS	Camotes Island PLS	Taion Strait PS	Apo Island PLS	
Cuatro Isas PLS	Olvan Marine Resource PLS	Biri- Larosa PLS	Dumaguete Bay PLS	Aliguay Island PLS
Turtle Islands Wildlife Sanctuary	Great and Little Sta. Cruz Islands PLS	Murdalagos Island PLS	Salinog Island PLS	Baliangao PLS
Initao- Libertad PLS	Mabini PLS	Pujada Bay PLS	Sarangani Bay PS	Siargao PLS

BINGO OCEAN!
WHICH OF THESE SPECIES HAVE YOU
SEEN IN REAL LIFE? MARK WITH A ♥!

Whaleshark
Jellyfish
Sea Turtle
Surgeonfish
Corals
Clownfish
Sea cow

BINGO OCEAN!
HOW MUCH DO YOU LOVE MARINE LIFE?

Sip > Suck Avoid Plastic Straws	BYOU Bring Your Own Utensils	BYOB Bring Your Own Bumtan
Reusable Bag > Plastic Bags	Support Biodiversity- Friendly Products	Dine-In > Take-Out
Join and Support Clean Up Drives	CLAYGO Clean As You Go	Proper Waste Disposal
No Fish-Feeding	Pick-up Trash instead of Shells	Buy in Bulk, Avoid Single-Use
No to Animal Cruelty	Use Reef-Safe Sunscreen/ Tanning Oil	
Don't Buy Marine Life Souvenirs	No Anchoring	Minimize Use of Toilet Paper
Minimize Online Delivery	Sustainable Seafood Consumption	Minimize Carbon Footprints
Tumbler > Plastic Bottle	Practice Buying Pre-Loved Items	Buy Items with High Quality
Minimize Use of Bathroom Cleaning Agents	No Dumping of Trash on Waterways	Read More about Eco-Friendly Living

Like us on DENR Agos Follow us on @denr_agos

Figure 7. BINGO Ocean, one of the online activities for the celebration of Month of the Ocean

- **World Ocean's Day 2020**

The Bureau hosted a webinar “PROTECT – a webinar on Promoting Reef Observation through Engagement of Citizens Today” in line with the celebration of World Ocean’s Day on June 8, 2020. The webinar discussed coral bleaching and how we can contribute in taking care of our oceans. The resource speakers of the said webinar are Ms. Miledel Quibilan, coordinator of Philippine Coral Bleaching Watch and Ms. Erina Pauline Molina, National Geographic Explorer and Social Media Administrator of Philippine Coral Bleaching.



Figure 8. Protect – Promoting Reef Observation Through Engagement of Citizens Today

- **Coral Triangle Day 2020**

The Coral Triangle Day is held every June 9 to celebrate and raise awareness on the conservation and protection of ocean most especially on the Coral Triangle. Coral Triangle is a geographical term that refers to a vast ocean expanse located along the equator and the confluence of the Western Pacific and Indian Oceans. The regions covers the exclusive

economic zones of six countries: Indonesia, Malaysia, Philippines, Papua New Guinea, Solomon Islands and East Timor.

The Bureau shared stories of former Coral Triangle Science Camper on how their experience on the science camp change their outlook in the protecting our oceans.



Figure 9. Banner for the Celebration of Coral Triangle Day

○ PA Talk

In line with the celebration of Philippine Environment Month in June 2020 and World Environment Month on June 5, 2020, the Bureau celebrates the 2nd Anniversary of the enactment of the Expanded National Integrated Protected Areas System Act of 2018 (Republic Act 11038). The Bureau will be hosting a monthly online conference for the Protected Areas in the Philippines with the theme “Protected Areas for A Protected Future”. The first episode aired on June 22, 2020 at 10am.

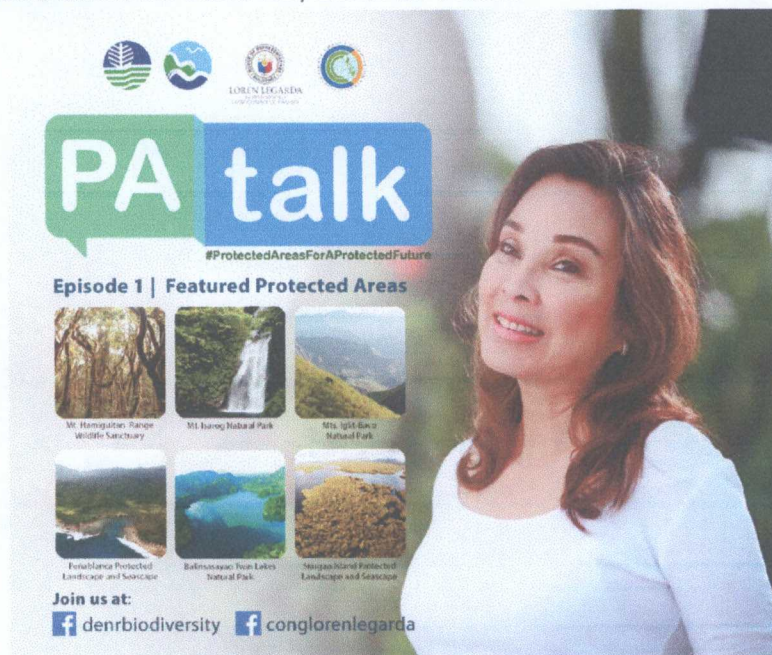


Figure 10. PA Talk. Pilot episode aired on 22 June 2020 hosted by Cong. Loren Legarda

IX. Foreign Assisted Projects

A. Strengthening Marine Protected Areas to Conserve Marine Key Biodiversity Areas in the Philippines (SMARTSeas)

- The Project targeted to sample 60 out of 95 MPAs. To date, the Project has collated data from 55 MPAs and will use proxy data from 5 other MPAs. The consultants are currently analyzing the data;
- To date, the MPAN ODL ended on 30 June 2020. A total of 73 participants joined the ODL. 57 came from different DENR Regional Offices, 13 from BMB and 3 from UNDP;
- 21 BDFE proposal has been approved and entitled to a Low-Value Grant (LVG). In the 2nd Quarter of 2020, 11 out of the 21 People Organization (POP/ Fisherfolk Association (FA) have already received the 1st tranche of the LVG. Orientations were also conducted in some POs of TSPS and Southern Palawan; and
- The Joint Memorandum Circular on the Establishment of Marine Protected Area Network has now passed the review processes of DILG and DA-BFAR and presently waiting for the final review and approval of the DENR-PTWG.

B. Biodiversity Finance Initiative (BIOFIN)

- Output 1: Effective advocacy and partnership strategy in place
 - The BIOFIN Global workshop was held virtually last April 15, 22, and 29 participated by UNDP CO, DPWH, DENR FASPS, and DOF. A presentation on Estimating Finance Needs and Developing Effective Biodiversity Finance Plans was done by the BIOFIN PMU
 - The Project has been attending several virtual trainings hosted by the UNDP CO with regards to administrative processes
 - Private Sector Fund-Raising Capacity Building Program held online from 22 June – 09 July 2020, to date seven (7) NGOs have completed the online form and confirmed participation out of the 10 selected across the country
- Output 2: Knowledge management infrastructure in place to generate and share knowledge on biodiversity finance
 - To date, the number of followers in Social media following as of 2nd Quarter of CY 2020 are in 2,705 on facebook, 187 on Twitter, 407 on Instagram, over-all 3,299 followers
 - The Project participated in the BIOFIN Global Community Exchange on 27 May 2020
 - Year of the PA Campaign was rescheduled to June 2021
 - To date, Php 2.3 million worth of media pick-ups (stories on crowdfunding for tamaraws, GCash Forest partnership)
 - On PBSAP M&E Platform, the Project is in close coordination with DENR KISS, BMB and ADEC regarding the continuation of Phase I and commencement of Phase II activities, proposed new MOU

- Output 3: Knowledge management infrastructure in place to generate and share knowledge on biodiversity finance
 - The Project is awaiting CCC's advice on the National Climate Change Action Plan (NCCAP) updating process as unique biodiversity budget typologies can only be included in the current list upon completion of an updated NCCAP
 - The Project to incorporate the comments from DSWD on the draft module on Citizen Science on Marine Litter following the FDS structure. The Project will assist BMB in developing a concept note as a required by the DSWD to institutionalize DENR and DSWD's partnership for the development of the said FDS module.
 - On funds mobilized from gaming, Beta testing for the Game App is currently being coordinated with representatives from BMB and UNDP CO. The Project receives comments and relayed to the game developer
 - A draft framework for Integrating Biodiversity Finance in the Comprehensive Development Plan of LGUs for the roll-out of BIOFIN Methodology has been prepared and is being reviewed by DILG
 - The Project held a meeting with DOE-REAMD last 22 May 2020 and was informed that DC 2020-04-008 re: Rationalizing the Utilization of ER 1-94 Funds by Host Local Government Units in Response to COVID-19 Public Health Emergency) was issued to guide LGUs in developing workplans that are responsive to COVID-19 for submission to generating companies. DOE also raised the concern that biodiversity conservation projects may not be the priority of LGUs given current circumstances
 - The Project held a meeting with TESDA to discuss the development and conduct of a curriculum that will satisfy the requirements/guidelines of the Civil Service Commission (CSC) in order for tamaraw and forest rangers to secure permanent position in the government. TESDA advised to coordinate with the CSC regarding its equivalency program for park rangers

C. Illegal Wildlife Trade : Combatting Environmental Organized Crime in the Philippines

- Component 1: Policy and Information Exchange
 - Draft Senate bill, DAO for Wildlife, DENR-DILG-JAO on Local Trade and Transport of Wildlife endorsed by DENR-PPS and at various stages of approval in DENR Central Office
 - eCITES PH beta site developed; enhancements on-going
 - Initial communication done with University of Helsinki for the use of machine learning to track IWT online
 - MOU between DENR-BMB and Philippine Ports Authority (PPA)
- Component 2: Capacity Building
 - Completed the Capacity gaps and Training Needs Assessment (CTNA) and Inventory of Trainings, Curricula, and Module

- Developed capacity building plan
- On-going conversion of face-to-face Basic Wildlife Law Enforcement Training Course into online delivery (webinars and self-paced modules)
- Component 3: Demand Reduction and CEPA
 - On-going enhancement of Report on the Economic Valuation of Marine Turtles (as a taxon) and Blue-napped Parrot (as species)
 - On-going transition from face-to-face household surveys to online/phone surveys
 - Supported DENR's IDBD (May 22, 2020) and Environment Month (June 27, 2020) by highlighting the campaign to #StopIllegalWildlifeTrade through radio, TV, and social media posts
- The Project is currently preparing the request for Project Extension (including attachments) up to December 31, 2021. All project activities, except financial closure and terminal evaluation, will be completed by June 30, 2021.

D. USAID-Protect Wildlife Project

- Strategic Approach 1: Behavior Change Communication
 - Design and development of materials for School-In-A-Bag conservation education outreach campaign in partnership with SMART Communication
 - Development of a social media content strategy and calendar for the Puerto Princesa Underground River National Park, Tubbataha Reefs Wildlife Sanctuary and DENR Region 3 to continue behavior change messaging during the quarantine period.
- Strategic Approach 2: Conservation Financing
 - MOA signing with SMART Communications (School-In-A-Bag)
 - Completion of designs for support to 10 community enterprises in upland and coastal areas (women-led or with significant women members)
 - Turnover of abaca stripping machines to three (3) abaca producing Pas in Maasin, Sarangani
- Strategic Approach 3: Conservation Competencies
 - Facilitated the EIA and Biodiversity Conservation Learning Event (virtual) for BMB staff and presentation of draft EIA checklist for major projects in critical areas
 - Acted as Resource Person for a webinar on REDD+ and FREL for FMB
 - Engagement of consultants for the development of the PA Academy curriculum and pilot training courses
 - Identification and start of training of farmers within Mt. Matalingahan PL and surrounding forestlands on conservation agriculture and agroforestry in preparation for the distribution of 100,000 fruit tree seedlings and vegetable seed to at least 227 farmers

- Submission to PAMB of Sarangani Bay PS of Recommended Standards for Establishing a Marine Turtle Rescue Center and Communications Protocol for Stranding Response, and an action plan to strengthen the SBPS Marine Wildlife Response Team
- Finalization of the MOU for the protection of Mt. Mingan (N. Ecija and Aurora), habitat of the Philippine Eagle
- Strategic Approach 4: Conservation Education and Research
 - Completion of the final expedition for the Philippine eagle study in Pasonanca Natural Park and support for the release of eagle Siocon Forest Reserve
 - Submission to the President of the Pampanga State Agricultural University the framework for enhancing selected its BS Agroforestry curriculum
- Strategic Approach 5: Wildlife Law Enforcement
 - Submission to DENR's Office of the Undersecretary for Enforcement the draft bill on creation of the Environmental Protection and Enforcement Bureau (EPEB)
 - Submission to the BFAR TWG the National Anti-Poaching Protocol
 - Submission to BMB-NPD the draft Administrative Adjudication Rules for Protected Areas
 - Online presentation of enforcement data analysis (Wildlife from Forests to Cages: An Analysis of Wildlife Seizures in the Philippines") to BMB, EPETF and law enforcement agencies (PNP MG, BOC, BFAR, PCSDS)
 - Launch of the updated version of the PCSDS Biodiversity Resources Access Information Network (BRAIN). The online permitting function of the system went live on 01 May 2020; the portal for the public reporting ("Sumbong" hotline via text messaging), which is part of the RESPONSE mobile app, has been released.

E. Integrated Approach in Management of Major Biodiversity Corridors in the Philippines (BD Corridor Project)

- In April 2020, the DENR, with the support from the UNDP, received the funding approval from the GEF for the project entitled "Integrated Approach in Management of Major Biodiversity Corridors in the Philippines" otherwise known as the BD Corridor Project. With that, following pre-implementation activities were conducted:
- Workshop on the Fund Flow Mechanism for BD corridor was held last 20 May 2020. The workshop provided the participants a walkthrough on GEF's financial policy and UNDP's Harmonized Approach on Cash Transfer. Furthermore the participants gained a better understanding of application of the Single Treasury Account for the BD Corridor Project and mapped-out the most appropriate fund flow for the project.

- BD Corridor Project Orientation was conducted on 9-10 June 2020. The orientation participated by the different DENR Bureaus such BMB, FMB, MGB and ERDB and the DENR Regional Offices, PENRO, CENRO and PASus of Regions 4B, 11 and 13.
- BMB conducted one-on-one meeting with Forest Management Bureau to discuss the Component 3 of the project most especially the Sustainable Forest Management and Forest Certification System on 19 June 2020
- Posted the TOR for Hiring the Project Management Unit

X. Other Major Accomplishments

- **Data Management**
 - The Bureau held series of meetings to improve the Protected Areas Database. PA database will be cascaded to the DENR Regional Offices this year.
- The Bureau conducted a learning event on Environmental Impact Assessment (EIA) and Biodiversity Conservation on 11 June 2020. This activity aimed to equip BMB Technical personnel in assessing developmental projects that may have potential adverse impacts on vulnerable flora and fauna as well as in major ecosystems and habits. The activity also gave an opportunity to identify set of standards and mitigating measures to address biodiversity in the existing EIA process.

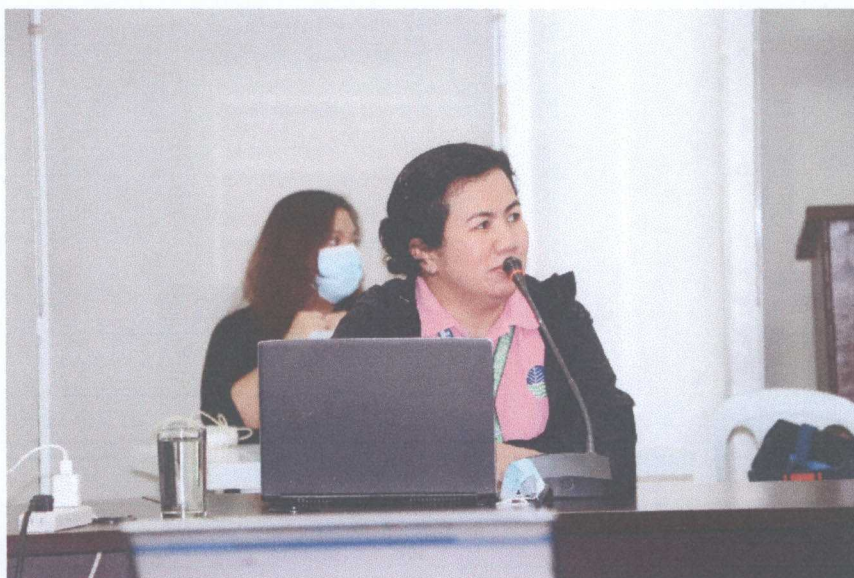


Figure 11. Ms Joy Navarro, CAWED presented the Biodiversity Considerations in the EIA:Riparian and other Ecosystem

- A virtual orientation on Mining 101 was held on 18 June 2020. The orientation was facilitated by the Mines and Geosciences Bureau and it was attended by almost forty technical personnel from BMB and MGB. The orientation

aimed to enlighten certain BMB personnel on the processes and activities involved in different stages of mining operations as well as to provide additional information in the improvement of the draft DAO re: Enhancing Biodiversity Protection and Conservation in Mining Operations.

The conduct of MGB 101 marked the commitment of MGB and BMB to work harmoniously in drafting DAO that focuses on the integration of biodiversity management and responsible mining. Specifically, the draft DAO will stipulate guidelines in the rehabilitation of mined out areas towards restoration of biodiversity and ecosystem services.