



Republic of the Philippines
Department of Environment and Natural Resources
BIODIVERSITY MANAGEMENT BUREAU
Ninoy Aquino Parks and Wildlife Center
Quezon Avenue, Diliman, Quezon City
Tel. Nos.: (632) 924-6031 to 35 Fax: (632) 924-0109, (632) 920-4417
Website: <http://www.bmb.gov.ph> E-mail: bmb@bmb.gov.ph

OCT 08 2020

MEMORANDUM

FOR : 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

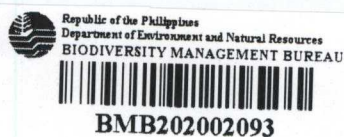
FROM : The OIC, Assistant Secretary for Climate Change
And Director, in concurrent capacity

SUBJECT : **SUBMISSION OF ACCOMPLISHMENT REPORT FOR THE
3rd QUARTER OF CY 2020**

We are pleased to submit the Accomplishment Report of the Biodiversity Management Bureau for the 3rd quarter of CY 2020.

For your information and record.


RICARDO L. CALDERON, CESO III



3RD 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		TO DATE
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		websites maintained/ updated/ enhanced	2	2	2	2	2	2	2	2	2	2	100	100	
1.1.2. Conduct of meetings related to maintenance and enhancement of website		meetings conducted	3	1	1		1	2	1		2	67	100		
1.1.3. Attendance to DICT website enhancement trainings		trainings attended		moving targets											
1.2. Database Maintenance and Updating		Database maintained and Updated (PA including BDFE database, wildlife database)	2	2	2	2	2	2	2	2	2	2	100	100	
1.3. Maintenance of IT Infrastructure															
1.3.1. Maintenance of Internet Connectivity		80% uptime of internet connection maintained	80% uptime	80% uptime	80% uptime	80% uptime	80% uptime	80% uptime	99% uptime	99% uptime	99% uptime	99% uptime	124	124	
		internet service procured	1	1	1	1	1	1	1	1	1	1	100	100	
1.3.2. Maintenance of Local Area Network (LAN)		Local Area Network maintained	1	1	1	1	1	1	1	1	1	1	100	100	
1.3.3. Maintenance of Internet Access Ports		Internet Access Points managed and maintained	15	15	15	15	15	15	15	15	15	15	100	100	
1.3.4. Repair and maintenance of BMB computers and other IT Equipment		computers and IT equipment maintained/repaird	720	180	180	180	180	540	371	124	264	759	105	141	
1.3.5. Email Account Management and Maintenance															
1.3.5.1. BMB Webmail account management and maintenance		BMB webmail account managed and maintained	100	100	100	100	100	100	142	142	142	142	142	142	
1.3.6. Maintenance of Servers		Service maintained	2	2	2	2	2	2	2	2	2	2	100	100	
1.3.6.1. CITES E-permitting Server															
1.3.6.2. PA Information System Server															
1.3.7. Maintenance of Network Access Storage		Network Access Storage maintained	4	4	4	4	4	4	4	4	4	4	100	100	
1.5. Capacity Building															
1.5.1. Hands-on training on Content Management System and Website Maintenance for BMB Website		trainings conducted	1		1						4	4	400		
1.5.2. Training/Workshop on Data Uploading and maintenance of the BMB Transparency Seal		trainings conducted	1		1						1	1	100		
1.5.3. Training on GovMail Account		trainings conducted	1	1				1	1			1	100	100	
1.6. Digitization and consolidation of BPPKMD files and		no. of files and documents digitized	2160	540	540	540	540	1620	772	552	380	1704	79	105	

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
documents	and consolidated													
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	1	1	100	100
		2	2	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	4	1	1	1	1	3	1	1	1	1	3	75	100
2.1.1. Protected Areas		4	1	1	1	1	3	1	1	1	1	3	75	100
2.1.2. Critical Habitats		4	1	1	1	1	3	1	1	1	1	3	75	100
2.1.3. Wetland Areas		4	1	1	1	1	3	1	1	1	1	3	75	100
2.1.4. Caves		4	1	1	1	1	3	1	1	1	1	3	75	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		6		8		
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	48	16	16	16	16	42	66	88
3.3. Attendance to trainings/seminars/workshops/meetings and other activities related to statistics	trainings/seminars/workshop attended Assistance extended/provided		as needed					1		2		3		

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														
PRODUCTION AND DISSEMINATION OF TECHNICAL AND POPULAR MATERIALS IN THE CONSERVATION AND DEVELOPMENT OF NATURAL RESOURCES AND ENVIRONMENTAL EDUCATION														
1. Partnerships Engagement														
1.1. Analysis of partnerships, engagements and other activities of CAWED (past and present)	analysis report with recommendations submitted	1				1				1		1	100	
2. Celebration of special events														
2.1 World Wetlands Day (February 2)	report submitted	1	1					1	1			1	100	100
2.2 International Day of Biological Diversity (May 22)	report submitted	1			1			1		1		1	100	100
2.3 World Wildlife Day (March 3)	report submitted	1	1					1	1			1	100	100
2.4 World Migratory Bird Day (October - 2nd Saturday)	report submitted	1				1								
2.5 Philippine eagle week (June 4-10)	report submitted	1		1				1		1		1	100	100
2.6 Tamraw Month						1								
3. BMB CEPA Core group operations	Amended BMB SO approved	1	1					1	1			1	100	100
	no. of meetings conducted with report submitted	2			1	1		1	1	5		6	300	300
4. Production/printing of BMB collaterals/ knowledge materials (2020 wall and table calendars, etc)	no. of collaterals/knowledge products printed/produced	1000				500	500	500		1327		1327	132.7	132.7
	technical staff hired	1	1		1	1		1	1	1		3	300	300
6. Development/Production and Distribution of IEC Materials on Wildlife														
6.1. Development of articles for publication through appropriate media platforms	No. of articles developed	4	1		1	1	1	3		2	1	3	75	75
8. Assistance to Researchers	No. of researchers assisted	20	5		2	8	5	15	8	11	13	32	160	160
9. PA Profile updating and reproduction	No. of PA Profiles updated/ reproduced	244	107	100	37			244	107	23	3	133	55	55
10. Library supplies	supplies purchased	1			1			1		1		1	100	100

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														
LEGAL SERVICES INCLUDING OPERATIONS AGAINST UNLAWFUL TITLING OF PUBLIC LAND														
1. Preparation of Reports/Investigation/evaluation of cases related to PAs, wildlife and coastal and marine	No. of reports prepared and evaluated				moving target			10	3	4		17		
	No. of cases and contracts reviewed				moving target			183	24	46		253		
2. Attendance to hearings on PA bills, budget hearing, and other legal fora	Hearings attended				moving target			8	1	3		12		
3. Attendance and participation as spokesperson in trainings/seminar/workshops/local travels/ocular inspections	Reports submitted	20	5	5	5	5	15	2	0	1		3	15	20
3.1. Mandatory Continuing Legal Education	Report submitted	1				1								
3.2. International travels	Reports submitted				as needed									
3.3. Conduct of Learning Event/Workshop on Biodiversity Laws and Policies	No. of event conducted	1	1	1			1							
	No. of report submitted	1	1	1			1							

PROGRAMS SUPPORT TO OPERATIONS	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	
FORMULATION AND MONITORING OF ENR SECTOR, POLICIES, 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-PTWG thru BMB-TRC	1					1			1				2	200	200
1.1.2. Guide to the Standardization of Cave Maps	Draft guidelines endorsed to BMB-TRC no. of meetings/consultations conducted with report submitted	1					1			1				1	100	100
1.1.3. Operationalization of BMB Library	Draft guidelines endorsed to BMB-TRC no. of meetings conducted with report submitted	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					1			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	1				1			1				1	50	50
1.4. Biodiversity Policy and Knowledge Management																
1.4.1. Joint BMB-FMB Technical Bulletin on the Adoption on the Integration of BMS and LAWIN (Amendment of Joint BMB-FMB TB 2016-01 <i>Enhancing Forest Protection through application of the LAWIN Forest and Biodiversity Protection System</i>)	policy endorsed for review of BMB-TRC Meetings conducted	1					1			4				2	300	300
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					1			1				1	100	100
1.4.3. Technical Bulletin on the Adoption of the PSSAP Manual (Localization, Financing, Monitoring Tool)	policy endorsed for review of BMB-TRC Meetings conducted	1					1			1				1	250	500
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	10	10	25		21	15		21		57	163	228
2.2. Review of PA Bills/Congressional Resolutions related to Protected Areas	no. of PA Bills reviewed no. of meetings/hearings attended	20	5	5	5	5	15	12	12	5		58		75	375	500
2.3. Review of draft policies related to wildlife protection and conservation	position papers/comments prepared	4	2			2	2	7						7	175	350
3. Programs/Projects Review, Development and Implementation																
3.1. Review of proposals regarding Protected Areas	no. of proposals reviewed	3	1	1	1		3			8	1			9	300	300
3.2. Assistance in the implementation of relevant Programs and Projects regarding Protected Areas	No. of reports reviewed no. of meetings/activities attended	6		2	2	2	4	12	1	17				30	500	750
3.3. Review of research/project proposals submitted by various entities/institutions	proposals reviewed/evaluated	20	5	5	5	5	10	5	2	27				34	170	340
		32	10	10	2	10	32	19	2					21	66	66
		12	3	3	3	3	9	4	1	13				18	150	200

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					
3.4. Drafting of conservation and management plans for threatened species	meetings/workshops conducted	6	1			3	2	4		1			0		1	17	25	
	Species Conservation & Management Plans drafted	2				1	1	1							1			
3.7. Preparation and submission of OPCR	OPCR prepared and submitted (commitments and accomplishment)	4	2			2		4		2					4	100	100	
4. Monitoring of Plans/Programs/Projects on Biodiversity Conservation																		
4.1. Review and consolidation of accomplishment reports	Monthly reports submitted to OSEC	12	3		3	3	3	9		3		3	2		8	67	89	
	Quarterly reports submitted to OSEC	4	1		1	1	1	3		1		1	0		2	50	67	
	Annual report submitted to OSEC	1					1											
	Annual Report printed and disseminated	1					1											
4.2. Desk Monitoring/assessment of programs and projects on biodiversity conservation	Reports assessed/reviewed	10				5	5	5										
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	9		9		7	48		64	533	711	
5.2. ADB -GEF Project "International Wildlife Trade: Combating Environmental Organized Crime in the Philippines"	No. of meetings organized	4	1		1	1	1	3		3		2	10		15	375	500	
	Approved minutes of meeting	4	1		1	1	1	3		3		1	10		14			
5.3. USAID-Project Wildlife Project	No. of meetings organized	2	1		1			2		2		2	4		8	400	400	
	Approved minutes of meeting	2	1		1			2		2		1	4		7	350	350	
5.4. Access and Benefit Sharing (ABS) Project	No. of meetings organized	2	1			1		2		3			0		3	150	150	
	Approved minutes of meeting	2	1			1		2		1			0		1	50	50	
6. Capability Building																		
6.1. Attendance to training/workshops/ seminars	no. of meetings/ workshops/foral symposia attended	26	20		2	2	2	24		72		23	36		133	512	554	
6.2. Assessment and Planning Workshop	no. of workshop organized/conducted	2				1	1	1										
6.3. PA Boundary Demarcation Assessment Workshop	no. of workshops conducted	1					1											
6.4. SRPAO Implementation Assessment Workshop	no. of workshops conducted	1					1											
6.5. Environmental Impact Assessment 101	Workshop conducted	1		1				1				1	0		1	100	100	
6.6. Quality Management System 101	Workshop conducted	1				1		1					1		1	100	100	
6.11. Focus Group Discussions with relevant agencies in Mainstreaming Biodiversity in Infrastructure and Mining Sectors	FGD conducted	2				1	1	1		1		1	0		2	200		
6.12. Harmonization Workshop on Production and Protection Forests	Workshop conducted	1	1					1		1			0		1	100	100	
7. Conduct of regular conference/meetings/workshops																		
7.1. BMB Strategic Planning Workshops	Conference/Meetings conducted with reports submitted	2	1				1	1		1		1	0		1	50	100	
7.2. Senior Staff/FDU Meetings		12	3		3	3	3	9		9		8	7		21	175	233	
7.3. Technical Review Committee Meetings		12	3		3	3	3	9		2		2	4		8	67	89	
8. Participation/Attendance to other committees/fora																		

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
8.1. PTWG		4	1	1	1	1	3	3		2		5	125	167	
8.2. DENR Budget Hearings		2			1	1	1								
8.3. DBM/Senate/Congress Budget Hearings		4			2	2	2			3		3	75	150	
8.4. DENR Planning/Reprogramming Workshops		3			1	2	1			1		1	33	100	
8.7. Others (BAC-TWG, BAC, GAD, UNDP, PDP, PSB, DRR-EBA, SPMS, QMS, etc)		as needed	as needed	as needed	as needed	as needed	as needed	13		30		43			
8.8. Partner-related meetings		as needed	as needed	as needed	as needed	as needed	as needed	6		3		9			
9. Facilitate/attend documents/meetings/workshops in line with international commitments (CBD and related meetings, ASEAN Working Groups, ACB, GEF, etc)	No. of local/international meetings attended/conducted Documents/reports prepared and submitted	2 2	1 1	1 1			2 2	5 6		9 6		14 6	700 300	700 300	
10. Technical assistance (TA)															
10.1. Provide technical assistance to other BMB Divisions, Regional Offices, LGUs, OGAs, QOs 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	2	2	2	2	8	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	1 3	1	1			1 3	1 0				1	100	100	
	conducted no. of meetings led/conducted with report submitted				1		1	5				5	500	500	
	activity conducted with report submitted	1				1	1	3				3	300		
10.1.2. Mining and Biodiversity								7	1	2		10			
10.1.3. Monitoring of Botaney initiatives		1				1		1	1			2	200		
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	8		12		20			
11. Support to other activities	Special events conducted (no.)														
11.1. DENR Day		1			1		1								
11.2. BMB Day		1		1			1								
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	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	1	1	1		1	100	100	
12.3.2. EMS I		1	1	1	1	1	1	1	1	1		1	100	100	
12.3.4. Data Encoder		1	1	1	1	1	1	1	1	1		1	100	100	
12.3.5. IT Specialist		1	1	1	1	1	1	1	1	1		1	100	100	
12.3.6. IT Assistant		1	1	1	1	1	1	1	1	1		1	100	100	
12.3.7. Librarian and support staff		2	2	2	2	2	2	2	2	2		2	100	100	
12.3.8. Administrative Support Staff		2	2	2	2	2	2	2	2	2		2	100	100	
12.3.9. Information Officer		1	1	1	1	1	1	1	1	1		1	100	100	
12.3.11. Technical Support Staff		4	4	4	4	4	4	4	4	4		4	100	100	
12.3.12. Data Analyst - Controller		1	1	1	1	1	1	1	1	1		1	100	100	

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENT						REMARKS
		ANNUAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	TO DATE	% ACCOMP ANNUAL	
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	2		8				8	160
	No. of reports related to PACBRMA reviewed/acted	5		1	2	2	1	8					8	160
II. Wildlife Trade Regulation														
1. Preparation of Research Permits/instruments	No. of GPS/teiler permits prepared	12	3	3	3	3	8	6					6	50
	No. of MOAs/MOUs endorsed	4	1	1	1	1	2	2					2	50
2. Review of risk assessment of GM crops	No. of biosafety applications review	10	3	3	3	2	2	8	7	2			9	90
3. Processing/issuance of CITES permits (Manual and CITES Electronic Permitting and Management Information System (CEPMIS))	permits issued	780	250	30	250	250	440	247	52	101			400	51
4. Monitoring of wildlife farms propagating CITES-listed species for international tradewildlife facilities holding important wildlife	no. of farms monitored no. of monitoring reports submitted	8 8			4 4	4 4	2 2				1		1	13
														50
5. Updating of database on wildlife crimes, list of WRCQ/CWRM/WFP holders per region, production and trade reports of wildlife breeders	no. of regional monitoring reports evaluated database maintained & updated	64 3	16 3	16 3	16 3	16 3	48 3	22 3	3	3	3		22 9	34 300
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	18	65	54	47			166	503
														922
1.2. Actual law enforcement operations and filing of criminal complaints/cases against suspected law violators	enforcement report submitted to the Director quarterly enforcement reports	8 4	2 1	2 1	2 1	2 1	5 2		5	3			8	100
														160
1.3. Attendance to hearing in courts and office of the prosecutor	Hearings attended with reports submitted	6		2	2	2	3	4		8			12	200
														400

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				
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	6		6	15		21	210	350			
1.2. NIPAS Management																		
1.2.1. PAMB Organization	No. of PAMB appointments reviewed/endorsed to the Secretary	16	4		6	6	6	10			1		1	6	10			
1.2.2. PAMB Operationalization	No. of Resolutions reviewed No. of Minutes of Meeting reviewed	200 200	50 50	10 10	70 70	70 70		130 130	59 67	5 3	2 0		66 70	33 35	51 54			
1.2.3. IPAF Establishment/ Operation	No. of SBR reviewed and/or endorsed No. of collection and utilization reports reviewed	4 40	1 10	1 2	1 14	1 14		3 26	1 25	2 10	3 38		6 73	150 183	200 281			
1.2.4. PA Management Plans preparation/updating	No. of PAMPs reviewed No. of PAMP Review Committee meeting conducted	8 1	2 1	2 2	2 1	2 1		6 1	2 1	4 1			6 1	75 75	100			
1.2.5. SRPAO/SEAMS	No. of reports reviewed	12	3	3	3	3		9	7		1		8	67	89			
1.2.6. Biodiversity Monitoring System	No. of reports reviewed/declared upon	40	10	4	13	13		27	18		50		68	170	252			
1.2.7. BAMS	No. of reports reviewed/declared upon	10	2	2	3	3		7	1		2		3	30	43			
1.2.8. Special Use Agreements within Pas	No. of SAFA reviewed/declared upon	4	1		2	1		3	4	5	13		22	550	733			
1.2.9. Other PA Management Activities	No. of other PA management-related reports reviewed	120	30	10	40	40		80	103		48		151	128	189			
1.3. Ecotourism Development Program	no. of reports on ecotourism management report reviewed	40	10		15	15		25	1	9	28		36	90	144			
1.3.1. Attendance/organization of ETWG meetings	ETWG meetings attended/organized	2			1	1		1			1		1					
1.3.2. Attendance/organization of NESC meetings	NESC meetings attended/organized	1				1		1										
1.4. Monitoring of NIPAS implementation	No. of sites monitored No. of monitoring tool prepared	10 1	3 1		4	3		7 1	5		0		5	50	71			
1.5. Monitoring of PA Boundary Demarcation implementation	No. of sites monitored No. of monitoring tool prepared	10 1		1	5	5		5 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 no. of meetings/consultations conducted with report submitted technical staff hired	1 1 1			1 1 1	1 1 1		1 1 1		1 1 1	1		1	100	100			
2.2. On-site validation/monitoring of priority sites	No. of caves validated/ monitored with report submitted	4			2	2		2										
2.3. Review of Cave Management Plans	no. of cave management plans reviewed	8	2	2	2	2		6	30	14	1		45	553	750			
2.4. Evaluation of cave reports (assessment, committee, etc)	no. of cave of reports evaluated	15	5	5	2	3		12	41	12	3		56	373	467			
2.7. National Cave Committee (NCC) Operations	no. of meetings conducted with reports submitted google drive on the completion of previous NCC meetings created and shared to NCC members	4 1	1 1	1 1	1 1	1 1		3 1	1 1	1 1	2 1		4 1	100 100	133 100			
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 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		2										

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
3.3. Review of Inland Wetland Management Plans	no. of inland wetland MfPs evaluated	5	1	1	1	2	3	8	4	0		12	240	400	
3.4. Evaluation of Wetland Reports	no. of inland wetland of reports evaluated	10	3	3	2	2	8	9	9	1		19	190	238	
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	100	
3.6. Lobbying for the Wetland Bill and Roll out of wetland policies (Luzon, Visayas & Mindanao policies)	no. of progress reports submitted/actively conducted with report submitted technical staff hired	2			1	1	1			1		1	50	100	
		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 technical staff hired	1				1			1						
		1	1	1	1	1	1	1	1	1	1	1	1	100	100
8. International Commitments															
6.1. International commitment including travel (Ramsar Convention, ASEAN, etc)	no. of activities participated/attended to with reports submitted	2			1	1	1		5	1		6	300	600	
6.2. Draft Ramsar National Report	draft report submitted no. of meetings/workshops conducted with report submitted	1				1	1								
		1	1			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	
OPERATIONS														
NATURAL RESOURCES SUSTAINABLY MANAGED														
NATURAL RESOURCES CONSERVATION & DEVELOPMENT PROGRAM														
Protection and Conservation of Wildlife														
I. 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, Walden'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	15	15	40	109	31	69	166	277	415
		Status report on population/sightings/ distribution of threatened species	3			2	1	1						
			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 (PPOC, PRLC, NWMG, 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		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	3	5	4	2	11	275	367
B. Ex-situ Conservation														
1. National Wildlife Rescue and Research Center (NWRRC)														
1.1. Veterinary care and maintenance of confiscated, donated and rescued wild animals		No. of animals maintained	1200	1200	1200	1200	1200	1200		1027	1086	1074	90	90
1.2. Management of rehabilitated animals in pursuit of DAO 97-17		No. of confiscated animals maintained	685	685	685	685	685	685		528	534	549	80	80
1.2.3. Turn-over of animals to accredited wildlife facilities through loan or donation		loan/donation instrument approved							1			1		
		no. of animals disposed through loan/donation							25				25	
II. Wildlife Diseases														
2. Mobilization of the Zoonosis Committee		Minutes of meeting prepared	1			1			1		1	2	50	

Program/Project/Activity: Protection and Conservation of Wildlife

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	
III. National Wildlife Rescue and Research Center (NWRRC) Operation 1. Animal Food/Medicines/etc	Operation													
	supplies procured													
IV. Capacity Building on Wildlife Conservation and Law Enforcement 2. Tent/Training of Trainors (TOT/10) on Wildlife Law Enforcement	Training conducted	1				1				2		2	200	
	Report submitted	1				1				2		2	200	
V. Compliance with Regional and International Commitments/Agreements/Partnerships 1. Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)														
	Inventory mobilized	1		1				1	1			1	100	100
	Ivory inventory report submitted to the CITES Secretariat	1			1				1				100	100
2. Convention on Migratory Species (CMS) 2.1. Participation to CMS COP 13														
	meeting attended with report	2				1		1				1	50	
3. Convention on Biological Diversity and its Protocol 3.1. Participation to the following meetings:	Meetings attended with report submitted	2				1		1		1		1	50	100
3.1.1. COP15 and MOP14 3.1.2. Subsidiary Body for Scientific, Technical and Technological Advice (SBSTTA) 24														
3.1.3. Subsidiary Body on Implementation														

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS						2020 PHYSICAL PERFORMANCE ACCOMPLISHMENT						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
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 CMEHP Components)															
1.1.4. Guidelines on Coral Bleaching		Draft policy submitted to TRC	1		1				1	1				100	100
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	6	3		7		10	125	167
2. Coastal and Marine Direct Implementation on CMEHP															
2.1. MPA/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	1		1		1	1	50	100
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	3		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	2	2	2	1	1		4	200	200
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	3	3		1		4	100	133
2.1.3. Philippine Rise (PH Rise)															
2.1.3.2. Conduct of preparatory meetings on PH Rise - Drafting of PRMRR Bill		minutes of the meeting/ report submitted	1				1		1				1	100	
- Pre-PAMB prep meetings															

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS					2020 PHYSICAL PERFORMANCE ACCOMPLISHMENT					REMARKS			
		ANNUAL	2020 PHYSICAL PERFORMANCE TARGETS				TO DATE	2020 PHYSICAL PERFORMANCE ACCOMPLISHMENT							
			1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		TO DATE	% ACCOMPLISHMENT	
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	3	4				4	100	133	
2.1.4 Marine Protected Area Network (MPAN)															
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	2	5		8	800	800	
2.1.5 MPA Demarcation															
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	
2.2 Biodiversity-Friendly Enterprises (BDFE)															
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	3	2	5	2		9	225	300	
2.2.2 BDS Learning event: orientation/ sensitization on ecological impacts of coastal enterprises	activity report submitted	1	1				1	1	3	4		8	800	800	
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	3	1		2		3	75	100	
2.4 Knowledge Management															
2.4.1 National Coastal and Marine Database															
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	4	2		2		4	80	100	
2.5.2 Social Marketing related activities, orientation, workshops roadmapping, roll out, outreach etc: - Green lines roadmapping (DAO development) - PH rise strategic communication	activity report submitted	4	2	1	1		4	3				3	75	75	
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		3	1	3			4	133	133	

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS					2020 PHYSICAL PERFORMANCE ACCOMPLISHMENT					REMARKS	
		ANNUAL	2020 PHYSICAL PERFORMANCE TARGETS				TO DATE	% ACCOMPLISHMENT					
			1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		TO DATE
2.5.4. Production of IEC Materials/ Conduct of CEPA Activities as identified in the grant CMEWP Communication 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	5			2	33	40	
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	
2.6.2. 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	12	5		9	56	75	
2.6.2.2. Field Technical Assistance/support to the regional/ field offices on their CMEWP Component Implementation (MPA/MAPAN, CEPA, CAP BLDG, etc)	travel report submitted	2			1	1	1	1		2	100		
2.6.2.3. Support for Conduct of and attendance to the enhancement of the NIPAS Protected Areas, other CMEWP Implementation (CEO, HOA, ARMS retrieval, Carrying Capacity)	proposal and wfp/ report submitted	9		4	3	2	7	1	3	1	56	71	
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		1	20	33	
3. Partnership, Convergence, Technical Assistance and Support to Other Agencies on Coastal and Marine Related Concerns													
3.1. Review of Technical Papers related to Coastal and Marine referred to this office by other agencies	response forwarded	4	1	1	1	1	3	1		1	25	33	
3.2. BFAR-BMB Convergence													
3.2.1. Conduct of attendance to meetings/orientation/ trainings related to the operationalization of the BMB-BFAR Convergence	activity report submitted	4	1	1	1	1	3		3	2	5		
3.2.2. Conduct of Convergence Roll-out	Roll-outs conducted	2			1	1	1			1	1		
3.2.2. Accomplishment of convergence milestones, support to demonstration sites for convergence	activity report submitted	3			1	2	1	3		3	100		
3.3. Manila Bay													
3.3.1. Support to Manila Bay Clean Up	activity report and clean up report submitted	3	2		1	1	3	5		5	167	167	

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	2020 PHYSICAL PERFORMANCE TARGETS					2020 PHYSICAL PERFORMANCE ACCOMPLISHMENT					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	
3.4. National and International Commitments and Support to other Coastal and Marine Concerns																
3.4.1. National Coastal and Marine Concerns																
3.4.1.2. Conduct of support to and attendance to National Coastal and Marine Concerns, preparatory workshops, trainings, conferences, learning events, TWG Meetings, Re-echoing Workshop, launching, 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, Marine, IMO, Marine Day rehabilitation etc.) torceasy	travel report/activity report submitted	2					1					3		4	200	400
3.4.2. International Coastal and Marine Concerns																
3.4.2.2. Attendance to international negotiations, meetings, commitments, forums, learning event, conferences, conventions, etc. (e.g. DFA-related concerns, ASEAN (AHP/PAWG/CMIE), Ramsar, CBD, IMO conventions, SDG 14, 11, CMS, ICRI, APEC, UN-HBNU, CII, CCA, THPA, SSS, MPA Conferences and Learning events	travel report submitted	2				1		1				3	1	12	800	1600
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				2			150	300
4. Monitoring and Evaluation																
4.2. National Program Orientation and Assessment, CMEIP strategic planning, Planning Staff Orientation and other planning and monitoring related Workshops (year starter, mid year/ year end)	activity report submitted	4	1			1		2				3			75	150
5. Program Support																
5.1. Hiring of Staff																
5.1.1. Database Management/GIS Specialist	Staff hired	1	1	1	1	1	1	1	1	1		1		1	100	100
5.1.2. Assistant Program/Project Coordinator	Staff hired	1	1	1	1	1	1	1	1	1		1		1	100	100
5.1.3. GIS Specialist	Staff hired	1	1	1	1	1	1	1	1	1		1		1	100	100
5.1.4. IEC Officer	Staff hired	2	2	2	2	2	2	2	2	2		2		2	100	100
5.1.5. Monitoring Officer	Staff hired	2	2	2	2	2	2	2	2	2		2		2	100	100
5.1.6. Environmental Management Specialist	Staff hired	7	7	7	7	7	7	7	7	7		7	6	6	86	86
5.1.7. Financial Management Officer	Staff hired	1	1	1	1	1	1	1	1	1		1		1	100	100
5.1.8. Budget Assistant	Staff hired	1	1	1	1	1	1	1	1	1		1		1	100	100
5.1.9. Procurement Officer	Staff hired	1	1	1	1	1	1	1	1	1		1		1	100	100
5.1.10. Assistant Project Coordinator for WPS and PH Rise Concerns	Staff hired	1	1	1	1	1	1	1	1	1		1		1	100	100

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

Prepared by:

Approved by:

NANCY L. DORRPUZ
 OIC-Chief, BRKMD

RICARDO L. 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
3rd 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 July to September 2020:

I. FORMULATION/PREPARATION/REVIEW OF POLICIES AND GUIDELINES

A. Approved the following policies/guidelines:

- BMB Memorandum Circular 2020-02 re: Guide in the Monitoring and Validation of Accomplishments of Priority Programs on Biodiversity
 - Signed by the Director on 06 August 2020

B. Drafted the following policies/guidelines:

- Draft BMB TB on Standards on the Production and Lay out of Cave Map;
- Draft BMB TB re: Adopting the Technical Guide on Designation of Wetlands of International Importance; and
- Draft DAO on regulation governing tapping of Almaciga resin (Manila copal)

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

- 2010-2030 Land Sector Development Framework;
- Draft Tamaraw Conservation and Management Action Plan (TCMAP) 2019-2028;
- Draft Operational Guidelines on the Preparation of Work and Financial Plan for Fiscal Year 2021

- Draft EO Declaring Moratorium in the City of Baguio and Providing Financial Assistance for the Rehabilitation of its Sewers and Other Measures to Reverse the Degradation of the City
- Draft DAO on Environment and Natural Resources Code
- Draft DAO Enhancing BD Conservation in the Mining Sector
- HBN 5643 declaring Cagayan de Oro River and its Environs as Cultural Heritage Zone;
- HBN 5644 declaring Carcar City as Cultural Heritage Zone;
- HNB 266 on the establishment of Watershed Reservations in Mindoro Oriental and Mindoro Occidental
- HBN 462 on establishment of Tugbo WFR
- HBN 9645 on the establishment of Naga-Kabasalan PL
- HBN 1775 on the establishment of Hinakpan Mystical Hills
- HBN 2790 on the establishment of CDO-Iponan Watershed
- HBN 267 on the Final Forestland Boundary of the Province of Occidental Mindoro
- HBN 4408 on the Forestland Boundary of Mountain Province
- HBN 3212 on the establishment of Aurora Memorial PL
- HBN 4420 on the establishment of Mt. Arayat PL
- HBN 6194 on the Delineation of Specific Forest Limits of Public Domain and For Other Purposes
- SBN 1844 An Act Authorizing the President to Expedite the Processing and Issuance of National and Local Permits and Licenses
- HBN 7636 on creation of Manila Bay Development Authority
- Senate Bill 1564
- HBN 6953
- HBN 6874
- HBN 6787
- HBN 7049
- HBN 7153
- Morphological and molecular analyses of selected *Amorphallus*: A comprehensive study of quantitative morphological variables and utilizing combined phylogenetics analysis of its *matK* and *rbcl* markers
- Biophysical Environment and Socio-economic Impact Assessment of Commercially Propagated GM Corn in the Selected Cultivation Sites in the Philippines
- Application for commercial propagation of Genetically Modified corn resistant to lepidopteran insect pests (MON89034) by Monsanto Philippines
- Application for the commercial propagation of Genetically Modified corn tolerant to glyphosate and glufosinate herbicide and resistant to lepidopteran insect pest
- Reducing the threat of viral spillover in high-risk communities in the Philippines
- Assessing the Ecological Impacts of Invasive Alien Species of Amphibians and Reptiles in the Philippines

- Environmental, Socio-Cultural, and Economic Valuation of *P. aduncum* in AVPL, Mindanao, Philippines
- "Implementation of Components 1,3, and 4 of the Tamaraw Conservation and Management Action Plan (TCMAP) in Mindoro Island specifically focusing on Meta-Population, Upper-Amnay Watershed Region and Aruyan Malati Tamaraw Reservation"
- Avian Influenza Preparedness Plan
- Towards the development of an Action plan for the conservation of seabirds
- Enhancing the conservation of seagrass ecosystems and biodiversity through community science survey in Taytay, Palawan, Philippines
- CTI Plan of Action

II. ESTABLISHING AND MANAGING PROTECTED AREAS

- Reviewed and/or provided inputs in the following proposals related to Protected Areas:
 - Provided inputs during the 2nd EIARC Meeting for the Proposed ATN Integrated Aggregates Project of ATN Holdings;
 - Proposal of Mt. Calavite WS for its habitat protection activities
 - Request for funding of DENR Region 6 relative to the proposal to conduct PASA for the establishment of Central Panay Mountain Range as a protected area under the NIPAS
 - Proposal of Region 1 requesting funding of PASA for the Abang Falls;
 - Proposal of Region 3 for Amro River, Talaytay PL, and Dinadiawan River PL for SRPAO, capacity building for tour guiding and maintenance of PA facilities;
 - Proposal of Region 4B for Mangrove Rehabilitation;
 - Proposal of Region 5 for Ticao-Burias PPS for SRPAO and PA Management Plan preparation;
 - Natural Climate Solutions and Other Initiatives of the Conservation International;
 - Proposed TMO Plantilla Positions Application;
 - Proposal of DENR Region IX for additional funds to augment the hiring of Blue Guards for the Pasonanca NP;
 - Proposal of DENR Region II to fund the hiring of Park Rangers for Batanes PLS and Palaui Island PLS;
 - Proposal of DENR Region 11 requesting funds for PENRO Davao del Sur for Coastal and Marine Protection and Management of Sta. Cruz, Davao del Sur and establishment of Mt. Apo NP forest nursery in Kapatagan;
 - Proposal from Cong. Sandra Eriguel of the 2nd District of La Union requesting the renewal of MOA for the development of alluvium with the Agoo-Damortis PLS with the same terms and conditions relative to the payment of user fees;

- Proposed MOA between the DENR and DILG-PNP for the construction of PR06 Regional Training Center within the Northern Negros NP;
- Proposal from Bureau of Soils and Water Management requesting review and endorsement of PIF of Multi-Focal Proposals on BD and Land Degradation entitled "Securing Long-Term Sustainability of Multi-Functional Landscape in Critical River Basins of the Philippines"
- Reviewed the PASA report of the following Initial Components:
 - Proposed Naga-Kabasalan Protected Landscape;
 - Mangrove Areas from the Municipality of Tagalisay to the mouth of Tigbao River including East of the Island of Vitali located in Sibugay Bay, Zamboanga del Sur (PP2152);
 - Allah Valley WFR;
 - Alejawan Cansujay Anibongan RWFR;
 - Candijay Anda Mabini MSFR;
 - Ubay MSR;
 - Clarin Group of Islet WA;
 - Inabanga-Buenavista MSFR;
 - Getafe MSFR;
 - Tubingon Group of Island MSFR;
 - Pres. Carlos P. Garcia MSFR;
 - Loboc MSFR;
 - Pangangan Island MSFR;
 - Mt. Nacolod
- Reviewed the following PAMB appointments:
 - Proposed appointment of representatives of Ex Officio members of NAPWC Management Board
 - Transmitted to the PAMO approved Certificates of Appointment of NAPWC Management Board
- Acted the following PAMB Resolutions:
 - Resolution No. 2 Series of 2019 of Pasonanca NP Management Board to support the SAPA Application of NPC within the GLSCIPLS
 - Resolution No. 2019-17-401-603, Series of 2019 of Camotes Island PLS Management Board in support to the SAPA Application of SANFRAN Renewable Energy Corporation for its PV Floating Solar Panel System within the CIPLS;
- Reviewed/Acted the following SAPA applications:
 - Requested Region 9 for additional documents for the proposed SAPA of NPC in Great and Little Sta. Cruz Island PLS;
 - Followed up with Region 7 the status of SAPA Applications of NGCP for Alegria Electrode Station of the Mindanao-Visayas Interconnection Project (MVIP) and Cebu Magdugo 230kV Transmission Line;

- Advised all regions on the submission of SAPA Applications and corresponding requirements through official on-line/electronic channels (E-mail)
- Reviewed and processed the SAPA application of 10th Infantry (Agila) Division of the Philippine Army, AFP for Military Training Base Camp within the Mt. Apo NP
- Requested Region 3 to re-assess the SAPA Application of Mr. Reynaldo Armada, Magawa Island Armada Resort within the Masinloc-Oyon Bay PLS due to inconsistency of information
- Endorsed the SAPA Application of NGCP for the construction and operation of its Alegria Electrode Station in Alegria, Cebu within the Tanon Strait PS
- Requested DENR Region 6 to expedite the processing and submission of requirements relative to the SAPA Application of PetroWind Energy Inc. for its Nabas 2 Project in Northwest Panay Peninsula NP
- Reviewed and processed SAPA Application of WawaJV Co., Inc within the Upper Marikina RBPL
- Endorsed Resolution No.2 Series of 2019 of Pasonanca NP Management Board to support the SAPA application of NPC within the GLSCIPLS
- Endorsed Resolution No. 2019-17-401-063, Series of 2019 of Camotes Island PLS Management Board in support to the SAPA Application of SANFRAN Renewable Energy Corporation for its PV Floating Solar Panel System within the CIPLS
- Reviewed and processed the SAPA Application of Royale Premiere Resort within the El Nido MPA
- Reviewed the following BMS Report:
 - Aliwagwag PL, 1st Sem CY 2020
 - Mati PL, 1st Sem CY 2020
 - Baganga PL, 1st Sem CY 2020
 - Bongsalay Natural Park, 1st Sem CY 2020
 - Mt. Masaraga WFR, 1st Sem CY 2020
 - Initao-Libertad PLS, 2nd Quarter CY 2020
 - Mt. Balatukan Range NP, 1st Qtr CY 2020
 - Mt. Inayawan Range NP, 2nd Qtr CY 2020
 - Mt. Kitanglad Range NP, 2nd Qtr CY 2020
 - Aklan River WFR, 1st Qtr CY 2020
 - Maasin WFR, 1st Qtr CY 2020
 - Bulabog-Putian NP, 1st Qtr
 - Mt. Kanlaon Natural Park, 1st Qtr CY 2020
 - Northern Negros NP, 1st Qtr CY 2020
 - Northwest Panay Peninsula NP, 1st Qtr CY 2020
 - Panay River WFR, 1st Quarter 2020
 - Sibalom Natural Park, 1st Qtr CY 2020
 - Taklong Island NMR, 1st Qtr CY 2020

- Mt. Balatukan Range NP, 2nd Qtr 2020
 - Baliangao PL, 2nd Qtr CY 2020
 - Mt. Isarog NP, 1st Sem CY 2020
 - Lagonoy NBA, 1st Sem CY 2020
 - Caramoan NP, 1st Sem CY 2020
 - Malabungot PL, 1st Sem CY 2020
 - Catanduanes NP, 1st Sem CY 2020
 - Mt. Mayon Natural Park, 1st Sem CY 2020
 - Libmanan Caves NP, 1st Sem CY 2020
 - Alabat WFR 3rd Qtr CY 2020
 - Juban-Magallanes WFR, 1st Sem CY 2020
 - Mabini PLS, 1st Qtr CY 2020
 - Kalbario-Patapat NP, 1st Sem CY 2020
 - Manleluag PL, 1st Sem CY 2020
 - Casecnan PL, 1st Sem CY 2020
 - Mt. Apo NP, 1st Sem CY 2020
 - Mainit Hotspring PL, 1st Sem CY 2020
 - Loboc WFR, 1st Qtr CY 2020
 - Northern Sierra Madre NP, 1st Semester CY 2020
 - Palsabangan River up to Mazintuto River, Bacong River to Sandoval Point, 1st Sem CY 2020
 - Apo Island PLS, 1st Sem CY 2020
 - Central Cebu PL, 1st Sem CY 2020
 - Inabanga Mangrove Swamp Forest Reserve, 1st Sem CY 2020
 - Talibon Group of Island PLS, 1st Sem CY 2020
 - Ubay Mangrove Samp FR, 1st Sem CY 2020
 - Alejawan Cansujay Anibongan WFR, 1st Sem CY 2020
 - Pres. Carlos P. Garcia Mangrove Swamp Forest Reserve, 1st Sem 2020
 - Corella-Sikatuna Biodiversity and Tarsier Conservation Area, 1st Qtr CY 2020
 - Pujada Bay PLS, 1st Qtr CY 2020
 - Baganga PLS/MSFR, 1st Sem CY 2020
- Reviewed the GPS Coordinates of BAMS Transects of Mabini PL;
 - Reviewed and acknowledged Progress Report on the boundary demarcation of Tumauni Watershed Natural Park;
 - Reviewed the following SBR:
 - Mt. Inayawan Range Natural Park
 - Mabini PLS request for clearance/authority to purchase one-unit motor vehicle from the 75% Retained Income
 - Mt. Calavite

- Reviewed the collection and utilization reports of the following:
 - Timpoong Hibok-Hibok Natural Monument
 - Initao-Libertad PLS
 - Lianga-Lipatan Rivers MSFR (Bacolod-Kauswagan PL)
 - Malampaya Sound PLS
 - Mt. Guiting-Guiting NP
 - Penablanca PLS
 - Palau PLS
 - Mainit Hotspring PL
 - Mt. Apo NP
 - Aliwagwag PL
 - Murceilagao Island PLS
 - Caramoan NP
 - Masinloc Oyon Bay PLS
 - Libmanan Caves NP
 - Jose Rizal Memorial PL
 - Pasonanca PL
 - Palau Island PLS
 - Initao PLS
 - Baliangao PLS
 - Mt. Malindang PLS
 - Manleluag PLS
 - Hundred Island NP
 - Balinsasayao Twin Lakes NP
 - Apo Island PLS
 - Tanon Strait PS
 - Mt. Kitanglad Range NP
 - Mt. Timpoong-Hibokhibok NM
 - Liangan-Lipatan Mangrove Swamp Forest Reserve
 - MIPLS
 - BNP
 - CIPLS
 - JRMPL
 - MTPL
 - DBPLS
- Reviewed the SRPAO reports of Mati PL;
- Reviewed the following proposal regarding the establishment of PA Management Office:
 - Proposed establishment of PAMO endorsed to DBM and to DENR Central Office
- Reviewed the following reports on the maintenance of ecotourism facilities of the following PAs:
 - Initao-Libertad PLS, 2nd Qtr CY 2020

- Mts. Timpoong-Hibok Hibok NM, June 2020
 - Bongsalay NP, 2nd Qtr CY 2020
 - Libmanan Caves NP, 2nd Qtr CY 2020
 - Caramoan NP, 2nd Qtr CY 2020
 - Catanduanes NP, 2nd Qtr CY 2020
 - Mt. Timolan PL, March and June 2020
 - Selinog Island PLS, April and May 2020
 - Jose Rizal Memorial PL, March, April, May 2020
 - Murcielagos Island PLS, April and May 2020
 - Great and Little Sta. Cruz Island PLS, May 2020
 - Pasonanca NP for April and May 2020
 - Mts. Banahaw- San Cristobal PL January and 1st Qtr 2020
 - Maulawin Spring PL, 1st Qtr 2020
 - Polilio WFR, 1st Qtr 2020
 - PP 1636, 1st Qtr 2020
 - Alibijaban WA, 1st Qtr 2020
 - Malunay WFR, 1st Qtr 2020
 - Mts. Palay Palay Mataas na Gulod PL, 1st Qtr 2020
- Facilitated the BAMS Online Lecture Series: Overview of BAMS and BMS on 23-24 September 2020;
 - Serve as Resource Person to the following Learning Event:
 - 2nd DENR Region 2 Management Conference cum Mid-Year Assessment for 2020;
 - Meeting with DENR R-12 CDD Chief and Staff, All PASus, Accountant of SBSPS re: Issues on IPAF, PA RIA Bank Accounts required by LBP, SBR/BTr NCAD Certification of SBS;
 - Special TPAMB Virtual Meeting re: Discussion on the request to transfer the Php58M US compensation for the coral damage in Tubbataha Reefs NP;
 - ENRA – Supervisory Course on the Module on PA Management and IPAF
 - Celebration of 53rd Founding Anniversary of ASEAN
 - Knowledge Sharing Session on ENIPAS Law and its IRR
 - Basic Ecotourism for the Learning Event of DOT MIMAROPA for Tourism Officers and practitioners
 - Discussion on the provisions on PAMB and PA Financing in relation to the Verde Island Passage
 - Learning Event on the Formulation of Standard/Prescribed Format and Contents of Every ENR Dataset and Map in Support to the DENR One Control Map and ENR Medium Term Plans for DENR Region 3 (Aurora and Nueva Ecija Cluster)

III. CAVE MANAGEMENT AND CONSERVATION PROGRAM

- Review of National Caves and Cave Resources Management and Protection Act (RA 9072)
 - Identified gaps and discussed possible amendments of RA 9071 with the Filipino Cave Divers during the SWG Meeting last 17 July 2020
- Reviewed and evaluated the following cave assessment reports:
 - Sidage cave assessment report
 - Cave Assessment within Mt. Kitanglad Range Natural Park for the 1st Qtr CY 2020
- Reviewed and evaluated the Dipaniong Cave Management Plan
- Reviewed the following other cave-related reports:
 - Region 11 RCC minutes of the meeting
- National Cave Committee (NCC) Operations
 - A Special NCC Meeting was held last 23 July 2020 in preparation of the upcoming NCC Activity on the Cave and Karst Webinar Series
 - 32nd NCC meeting held 9 September 2020

IV. WETLAND CONSERVATION AND MANAGEMENT PROGRAM

- Rapid Assessment of Wetland Ecosystem (RAWES) in selected sites
 - On-going development of Field Guide on Aquatic Macrophytes
 - On-going drafting of Field Guide on Macroinvertebrates
 - Sent letter of request to Ramsar for the proposal translation and distribution of the Practitioners Guide to the RAWES. This will be implemented through collaboration with the Mindoro Biodiversity Conservation Foundation, Inc. (MBCFI)
- Reviewed the following report related to wetland conservation:
 - DENR Region 6 report on 2020 Celebration of World Water Day and International Day of the Forest
- National Wetlands Committee/Inland Wetland Technical Working Group, including subgroup on peatland operation
 - An Exploratory meeting with Cong. Strike Revilla was held last 13 July 2020 to discuss the drafting of the National Petland Bill;
 - Draft Senate Bill on Philippine Wetland and Peatland Conservation sent to the Office of Sen. Villar on 29 July 2020

- Lobbying for the Wetland Bill
 - On-going communications with the Office of Cong. Hataman and Cong. Sangcopan with the Wetland Bill still pending at the Committee on Natural Resources;
 - Progress report on the Wetland and Peatland Bill submitted on 7 September for the 2021 Budget Hearing;
 - Meeting conducted last 4 September 2020 to discuss updates on House Bill No. 3460 "An Act Establishing a National Wetland Policy, Providing Mechanism for its Institutionalization, And Appropriating Funds Therefor"

V. URBAN BIODIVERSITY CONSERVATION

- Drafted MOU on the establishment of Urban Forest Bathing in partnership with the Philippine Tropical Forest Foundation (PTFCF), Philippine Association of Landscape Architects (PALA) and Philippine Institute of Environmental Planners (PIEP); The Draft MOU is farmed-out for comments of partner organizations;
- Organized meeting with PALA, PIEP, PTFCF and NAPWC for the review of the draft MOU and proposed pilot testing of Forest Bathing at NAPWC on 3 July 2020

VI. 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 19 Pandemic.

The NAPWC conducted its first PAMB Meeting via online platform last 26 August 2020. The PA Staff prepared the minutes of the meeting and eight (8) resolutions for approval of the PAMB.

VII. PROTECTION AND CONSERVATION OF WILDLIFE

A. Wildlife Trade Regulation

- Preparation of Research Permits and/or Instruments
 - Issued the following Gratuitous Permits
 - i. GP 302: Land Mollusks in Selected Karst Ecosystems of Luzon Island, Philippines: Diversity, Distribution and Conservation Status
 - ii. GP 303: Molecular Variations, Phylogeography and Species distribution of Gapas-gapas (*Camptostemon philippinense*) and

the economic, cultural and psycho-social characteristics of local residents

- Drafted and/or Approved the following MOUs:
 - i. MOU between DENR-BMB and the Philippine Ports Authority re: Strengthening Partnership and Collaboration to Combat Illegal Wildlife Trade signed by the Director on 13 July 2020
 - ii. MOU between DENR-BMB, DENR- Region 7 and the Philippine Ports Authority re: Strengthening Partnership and Collaboration to Combat Illegal Wildlife Trade

B. Wildlife Law Enforcement

- Mobilization of the Philippine Operations Group on Ivory and Illegal Wildlife trade (POGI)
 - Case-building (intelligence-gathering, investigation, surveillance) operations
 - i. A total of 47 online traders were observed from July to September 2020. These reports will be referred to NBI and concerned for further investigation
 - Actual law enforcement operations and filling of criminal complaints/cases against suspected law violators
 - i. Confiscated Hamilton's Terrapin, Diamond-backed Turtle, Sucalta Tortoise and Red-footed tortoise in Tondo, Manila last 10 July 2020
 - ii. Confiscated 1.2 kg of Agarwood in Pasay City last 19 August 2020
 - iii. Confiscated 6.46 kg of Agarwood in Quezon City last 25 August 2020
 - Attended a total of 8 hearings in court and in prosecutors' office from July to September 2020.

C. Conservation of Threatened Species

- **In-situ Conservation**
 - Evaluated the following reports on the monitoring of conservation activities/programs for priority threatened species:
 - i. Philippine Eagle and other raptors
 - Region 2 – 2 reports
 - Region 9 – 4 reports
 - Region 11 – 2 reports
 - Region 12 – 4 reports
 - Region 13 – 1 report

- ii. Marine turtle and dugong
 - Region 2 – 1 report
 - Region 3 – 6 reports
 - Region 4A – 3 reports
 - Region 4B – 3 reports
 - Region 5 – 3 reports
 - Region 6 – 3 reports
 - Region 7 – 2 reports
 - Region 8 - 4 reports
 - Region 9 - 2 reports
 - Region 10 – 4 reports
 - Region 11 – 2 reports
 - Region 12 – 1 report
 - Region 13 – 1 report
 - iii. Flying Foxes
 - CAR – 1 report
 - Region 5 – 1 report
 - Region 9 - 1 report
 - Region 12 – 1 report
 - Region 13 – 2 reports
- Mobilization of Wildlife Committee (PPCC, PRLC, NWMC, NCCC, PEWG)
 - i. NCCC Meeting was held last 14 August 2020 which discussed the HCC Training and HCC Module
- Reviewed the proposal on the establishment of Critical Habitats
 - i. Proposed CH for Maphod An Bilid Ad Hungduan Critical Habitat at Hugduan, Ifugao
- **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 3rd quarter of 2020, WRC houses a total of 1086 different animals. Moreover, WRC maintained 534 confiscated animals.
 - Reviewed the monitoring of Regional and designated WRC reports submitted by the Regional Offices
 - i. Region 5
 - ii. Region 7
 - iii. Region 8
 - iv. Region 9
 - v. Region 13

- **Wildlife Diseases Surveillance**
 - Evaluated the AI monitoring reports submitted by the following regions:
 - i. Region 5
 - ii. Region 7
 - iii. Region 9
 - iv. Region 13
 - Mobilization of the Zoonosis Committee meeting was held last 8 July 2020
- **Capacity building on Wildlife Conservation and Law Enforcement**
 - Basic Wildlife Law Enforcement Online Training for CARAGA Region on 13 July – 10 August 2020
 - Basic Wildlife Law Enforcement Online Training for Region 7 on 13-28 August 2020
 - Online Investigation Training for Wildlife Law Enforcement training conducted on 17-21 August 2020

VIII. MANAGEMENT OF COASTAL AND MARINE RESOURCES

A. Coastal and Marine Direct Implementation of CMEMP

- **MPA/MPAN Establishment, Strengthening and Operationalization**
 - Conducted pilot testing of the Biodiversity Assessment and Monitoring for Mangrove Habitat last 4 September 2020
- **West Philippine Sea**
 - Attended the NTF-WPS Diplomatic Political Legal Working Group Online Exploratory Meeting on the Valuation of Environmental Damages in the West Philippine Sea last 12 August 2020
 - Conducted the West Philippine Sea and Philippine Rise Webinar Series on 23 September 2020



Figure 1. Philippine Seas Webinar Series. Episode 1 – West Philippine Sea: Biodiversity and Ecological Connectivity

- Support to Verde Island Passage Marine Protected Area Network and Law Enforcement
 - Meeting with Legal Officers of Member-LGUs Central, BMB, Region 4A and 4B, PENRO CENRO last 1 September 2020
 - 3rd Virtual Meeting for Verde Island Passage last 14 September 2020
 - Post-3rd Virtual Meeting for Verde Island Passage/Debriefing on 15 September 2020
 - 1st EIARC Meeting of the LNG Terminal and CCGT Power Project of Batangas Clean Energy, Inc on 23 September 2020
 - BMB TWG Meeting/Workshop for the Verde Island Passage on 29 September 2020
- Biodiversity-Friendly Enterprises
 - Conducted BDFE National Learning Event
 - i. Ecological Impact of PO Enterprise Session 4 last 1 July 2020
 - ii. Ecological Impact of PO Enterprise Session 5 last 8 July 2020
 - iii. Ecological Impact of PO Enterprise Session 6 last 17 July 2020
 - BDFE Meeting with SMARTSeas on 8 September 2020
- Technical Assistance
 - Support to the Regional Implementation of CMEMP
 - i. Reviewed and acknowledged following submitted report
 - Updating and maintenance of knowledge management for the first quarter of 2020
 - Region 8 Accomplishment Report on the Observance of Month of the Ocean and Coral Triangle Day
 - Region 13 Accomplishment Reports and submission of Learning Events Training Needs Assessment Form
 - ii. Downloaded funds to PENRO Zamboanga del Norte amounting to 500,000
 - iii. Communication Device and Coastal and Marine Information Materials provided to Regions

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

- BFAR-BMB CONVERGENCE
 - Enjoining the support of DENR Regional and Field Offices to BFARs Roll-out of Fisheries Management
 - Attended the Committee on Government Reorganization Technical Working Group Virtual Meeting on 5 August 2020

- Attended the Freshwater Core Group Meeting to discuss the clarifications and instructions on the implementation of BFAR's Balik Sigla sa Ilog at Lawa (BASIL) Program
- Attended BFAR-BMB Convergence 3rd Quarter Meeting on 18 August 2020

C. National and International Commitments and Support to other Coastal and Marine Concerns

- National Coastal and Marine Related Concerns
 - Attended the SOMACORE Meeting last 14 July 2020
 - Endorsed the proposed GEF-funded project entitled: Blue Horizon Ocean Relief through Seaweed Aquaculture
 - Endorsed the Proposed GEF-funded project entitled Coral Rescue: Resilient Coral Reefs, Resilient Communities
- International Coastal and Marine Concerns
 - Attended to the following international meetings
 - i. CTI CFF MEWG Meeting on 2 July 2020
 - ii. PA CWG Meeting on 4 July 2020
 - iii. TWG Coastal and Marine CCC on 9 July 2020
 - iv. PH NCCC Preparatory meeting on 13 July 2020
 - v. CTI-CFF PH NCCC meeting on 14 July 2020
 - vi. TSWG Meeting 15 July 2020
 - vii. MEWG Program Flow Meeting on 16 July 2020
 - viii. CTI-CFF CT Atlas Training for NCCs on 17 July 2020
 - ix. MEWG Writeshop on 3-7 August 2020
 - x. NIPAS Atlas Pre-workshop on 6 August 2020
 - xi. CTI-CFF Seascapes Working Group Meeting on 13 August 2020
 - xii. CTI CFF PH MEWG Writeshop on 1-4, 7-8 September 2020
 - xiii. PA CWG 5th Meeting 4 September 2020
 - xiv. IRC Meeting on the draft CTI-CFF SPPM on 11, 14-15 September 2020
 - xv. CTI-CFF HCA Meeting on 17 September 2020

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

- **Partnership and Engagement**

- DENR forged a partnership with PLDT-Smart to protect one of the country's most vital natural resources needed to combat climate change – its peatland. Ceremonial signing of MOA was held last 8 July 2020



Figure 2. Partners in Peatland Conservation

- **Assistance to Researches**

- Prepared response to the request of 3IDP Project for Investment Corridors in Central Luzon for Information on Protected Areas and Key Biodiversity Areas
- Prepared reply to the request of SEOIL Philippines for the technical description and map of Ticao-Burias PS
- Prepared response to request of Mr. Byron Bircenio of National Defense College of the Philippines for data on forest cover of NIPA Areas in support to his MS Thesis
- Prepared response to the request of C&G Law for certified true copy of OVPI's SAPA Application for hydropower project
- Replied to the query of the Philex Mining Corporation relative to the jurisdiction of DENR and NPC over Lower Agno WFR for its application for Tailings Storage Facility 3
- Provided information in response to the request of Smith Bell Mini-Hydro Corporation for the technical description of boundaries of protected areas in NCR, MIMAROPA, CALABARZON, Regions 3,5,6 and 7

- Provided list of Programs and Projects including sites on biodiversity within ancestral domain as requested by NCIP
- Provided response to the invitation of Masungi Georeserve Foundation to deliver Opening Remarks during the Webinar on Empowering Forest Frontliners
- **Posting of Articles in the BMB Website**
 - Following articles were posted and can be read in the BMB Website:
 - 180 Trainees from DENR and other Law Enforcement Agencies Graduate from Virtual Wildlife Law Enforcement Training
 - USAID turns over New Equipment to help DENR Strengthen Emergency and Diagnostic Care for Rescued Wildlife
 - Repatriation of Luzon Bleeding heart
 - Third Episode of PA Talk Showcases Ecotourism in Protected Areas
 - The Value of Wildlife
 - DENR, ADB Extends Project on Combatting Environmental Organized Crime in the Philippines
 - Second Episode of PA Talk Features participation of Local Communities in Protected Area Management
 - DENR Seals Landmark Partnership with PLDT-SMART for Peatlands Conservation
- **PA Talk**
 - The Bureau continues to inform the public about the importance of the Protect Area. In partnership with the Office of Deputy Speaker Loren Legarda, BMB hosted the PA Talk #ProtectedAreasforProtectedFuture. For the 3rd Quarter, two (2) episodes were streamed live via Facebook.

Episode 2: Participation of Local Communities in Protected Area Management was aired last 28 July 2020. The episode highlighted the different stories of partnership with local communities and how they became an integral part of managing our protected areas. Six (6) protected areas were featured in the said episode as follows: Mt. Kitanglad Range Natural Park, Bataan Natural Park, Maulawin Spring Protected Landscape, Samar Island Natural Park, Pasonanca Natural Park and Sibalom Natural Park.

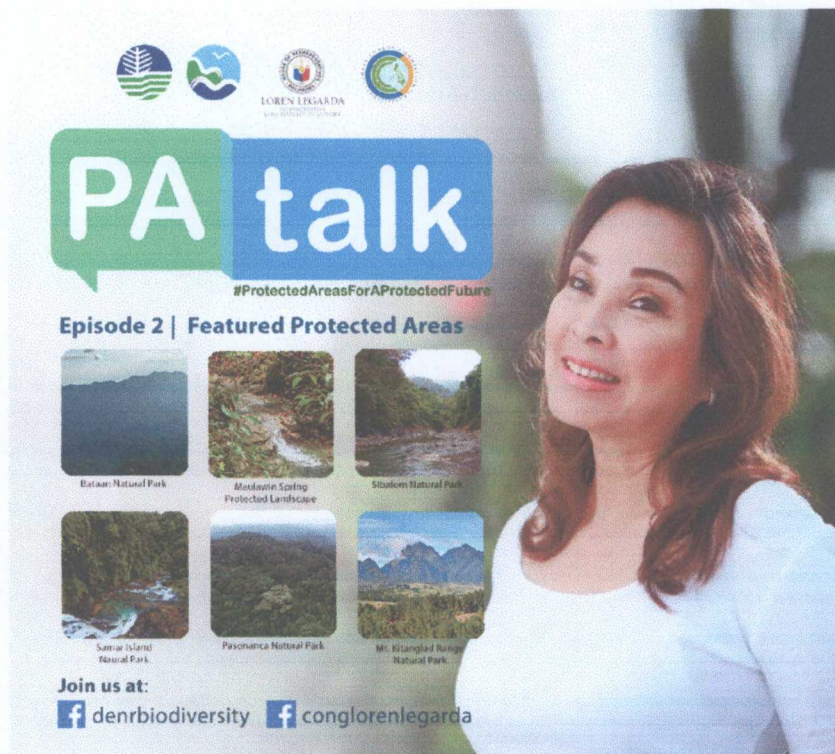


Figure 3. PA Talk. Episode 2: Participation of Local Communities in Protected Area Management

Episode 3: Ecotourism in Protected Areas was aired last 25 August 2020. The said episode highlighted the best practices in ecotourism of the featured protected areas, Batanes Protected Landscape and Seascape, Apo Reef Natural Park and Apo Island Protected Landscape and Seascape

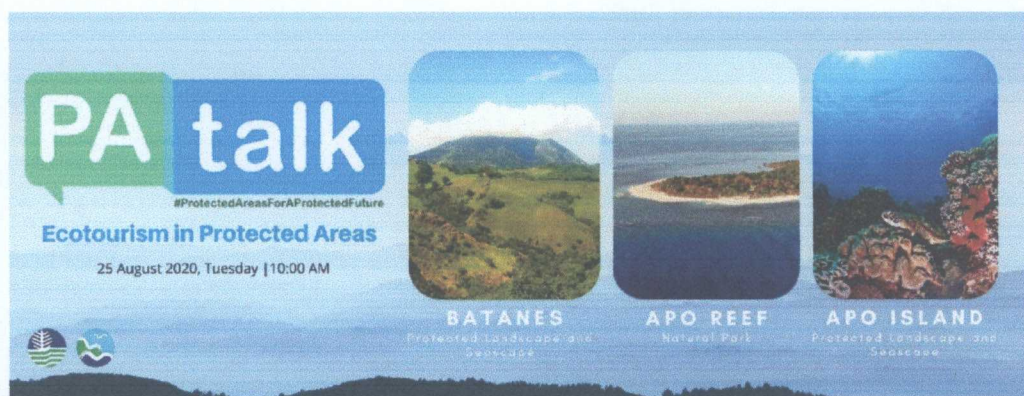


Figure 4. PA Talk. Episode 3: Ecotourism in Protected Areas

- **Special Events and Celebrations**

- **International Coastal Clean Up Day 2020**

The Bureau took part on the celebration of the International Coastal Clean-up Day 2020 with this year's theme: Safe Oceans Start at Home.



Figure 5. International Coastal Clean Up “Safe Oceans Start at Home”

The Bureau hosted the first ICC online concert: “Kundiman para sa Tahanang Karagatan” held last 19 September 2020, streamed via Facebook. The programs featured special talks from Ms. Antoinette Taus, Founder of Planet CORA and Dr. Vincent Hilomen, Project Manager of SMARTSeas Project. Also it showcased songs from the bands Fourplay, Up Dharma Down and Why July.



Figure 6. ICC. Kundiman para sa Tahanang Karagatan

X. DATA MANAGEMENT INCLUDING SYSTEMS DEVELOPMENT AND MAINTENANCE

- The Bureau conducted series of trainings (August to September) with its Technical Division to maintain, update and enhance the BMB Website.
- The Bureau continues developing databases for Protected Areas, Caves and Wildlife. Pilot testing of the PA Database will be held in October 2020.
- The Bureau actively participated in the conduct of Learning Event on the Formulation of Standard/Prescribed Format and Contents of Every ENR Dataset and Map in Support to the DENR One Control Map and ENR Medium Term Plans for DENR Region 3;

XI. INTERNATIONAL COMMITMENTS

A. United Nations General Assembly

- Participated in the 75th session of the UN General Assembly (UNGA 75), with main event "Biodiversity Summit: Urgent Action on Biodiversity for Sustainable Development "on 30 September 2020

B. Convention on Biological Diversity

- Attended the Special Virtual Sessions for the 24th SBSTTA and the 3rd Meeting of the SBI on 15-18 September 2020
- Attended the ACB and CBD Secretariat Post 2020 Global Biodiversity Framework meeting last 23 September 2020

C. Ramsar Convention

- Ongoing integration of inputs to the Ramsar National Report for the 14th Meeting of the Conference of the Contracting Parties (COP14) to the Convention on Wetlands

D. ASEAN

- Sustainable Use of Peatland and Haze Mitigation in ASEAN (SUPA)
 - Attended the SUPA and MAHFSA Joint Regional Virtual Training to Strengthen the Capacities of the Northern ASEAN Member States on Peatland Assessment and Mapping, Land and Forest Fire Detection and Monitoring last 2 September 2020

XII. FOREIGN ASSISTED PROJECTS

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

- Outcome 1: Increasing and improving management effectiveness of MPA and MPANs
 - The conduct of Habitat Resource Assessment (Fish Visual Census and Photo transect) has been completed. Final Technical Report already submitted.
 - Completed the conduct of the MPA Network Open Distance Learning (MPAN ODL) Course. Out of the 70 participants who enlisted for the said training, 43 were able to finish. This represented 61% of the class population
- Outcome 2: Increasing and improving management effectiveness of MPAs and MPANs
 - On-going implementation of BDFE. 17 of the 21 POs have already received their first tranche of LVGs to implement their selected BDFEs, 3 of these are 2nd tranche already. Four (4) of 21 POs received their first tranche last 15 September 2020.
- Outcome 3: Enabling Policy to work on Marine Biodiversity
 - DILG and BFAR endorsed the Joint MC for approval and signing. Waiting for the final comments and endorsement of DENR-PTWG
- Outcome 4: Project Management Unit
 - The Exit Strategy and Sustainability Plan (ESSP) has been updated. The document needs further review and approval from BMB and UNDP
 - The Project Terminal Evaluator has finished its series of online interviews with the project partners. The Terminal Evaluators has also presented their initial finding to UNDP, Project Team, and BMB

B. Biodiversity Finance Initiative (BIOFIN)

- Output 1: Effective advocacy and partnership strategy in place
 - The Project's AWP was approved through a Board Resolution with 14 signatures last 28 July 2020
 - Private Sector Fund-Raising Capacity Building Program Batch 1 was held last 22 June-9 July 2020 with 22 participants and attended by seven (7) NGOs
 - Private Sector Fund-Raising Capacity Building Program Batch 2 was held last 24-28 August 2020 with seven (7) participants and attended by three (3) NGOs
- 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 3rd Quarter of CY 2020 are in 3,738 on Facebook, 201 on Twitter, 533 on Instagram, over-all 3,299 followers
- The Project hosted the PA and KBA Webinar on Increasing Financial Resiliency together with Philippine Parks and Biodiversity
- Php 3.83 million worth of media pick ups (press releases, feature stories, TV and radio interview)
- Output 3: Knowledge management infrastructure in place to generate and share knowledge on biodiversity finance
 - The Project is addressing the Bureau's comments on the report on Environmental Trust Funds alignment with PBSAP. thereafter, the result will be summarized and sent to FPE and FFP to encourage them to invest in underfunded PBSAP targets
 - For the Capacity Building for DENR on the BIOFIN Methodology, a total of 127 TNAs were distributed to PASus, and technical personnel, of which 87, or 68% have been received.
 - The game app is scheduled for completion in September.
 - In the last Board Meeting, UNDP suggested that the Project to drop the Resources mobilized from Filipino migrants and overseas workers for biodiversity programs and projects as one of the finance solutions of the Project
 - Knowledge Sharing session on SGLG between DILG and BMB was held last 02 September 2020

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

- Component 1: Policy and Information Exchange
 - Draft Senate bill, Draft IRR Amendments submitted to the Offices of Senator Zubiri and Senator Villar
 - Draft IRR Amendments submitted and subjected to Internal Review with DENR-BMB
 - e-CITES PH developed and pilot tested
 - Completed the Wildlife Rescue Center Assessment Report
- Component 2: Capacity Building
 - Conducted four (4) Basic WLE Trainings for DENR and Law Enforcement Agencies with a total of 180 participants.
 - Conducted one (1) Webinar on Wildlife Laws for LGUs from Region 13
 - Supported the conduct of UNODC Training on Investigation of Online Wildlife Trade
 - The three (3) modules, Controlled Delivery, Safety Inspection Protocol, Anti-money Laundering Law (in relation to Wildlife Crimes) were developed and piloted in the BWLE Training

- On-going conversion of Basic WLE Training Course into self-paced modules
- Component 3: Demand Reduction and CEPA
 - Conducted one (1) Technical Expert's Review on the Economic Valuation of Marine Turtles and Blue-nape parrots
 - Presented the Consumer Research report
 - Submitted and presented the CEPA Strategy and Plan
 - Developed the Sustainable Livelihood Survey Study Tool
 - Published 12 news articles in various websites, blogs, and news outlets
- The Project held its 3rd Project Steering Committee (PSC) meeting last 16 July 2020

D. USAID-Protect Wildlife Project

- Strategic Approach 1: Behavior Change Communication
 - Completed design and pre-test of conservation education materials for the School-In-A-Bag outreach campaign in partnership with SMART Communication.
 - Completion of the design of remaining materials for selected PAs.
 - Assistance in the development of a social media content strategy for DENR Region 3.
- Strategic Approach 2: Conservation Financing
 - Refinement of PES policy for DENR, and provincial PES ordinances for Palawan and South Cotabato.
 - PES Training of Trainers (Modules 1 and 2) for DENR 12 and LGUs of South Cotabato.
 - Livelihood/community enterprise support to four new POs:
 - A women's organization on turmeric production in AMNP
 - 2 POs on coffee and cacao production in Pasonanca Natural Park
 - An 1PO on abaca production in Mt Busa LCA
 - Organization development training (bookkeeping and financial management, strategic planning) for 12 POs across project sites
- Strategic Approach 3: Conservation Competencies
 - Technical assistance to DENR
 - Submission of draft DAO on almaciga tapping
 - Refined Technical Bulletin on the PBSAP localization and BSAP Manual
 - Refined Carbon Accounting, Verification, and Certification System (CAVCS) manuals
 - Refined TOT modules for NGP extension officers training
 - Completion of the TNA for the development of the PA Academy curriculum and pilot training courses.
 - Turn-over of computer servers for FMB's Satellite Land Monitoring Laboratory for Forest Reference Emission Level (FREL)

- Ongoing drafting of Forest and Grassland Fire Suppression and Management Manual
 - Online training on Drone Image Processing and Analysis, with participants from Region 3 and Region 9
 - Delineation survey of pilot zones of Pasonanca Natural Park.
- Technical assistance to LGUs and Communities
 - Approval of the Cleopatra's Needle Critical Habitat (CNCH) draft management plan by the Interim Management Committee of Puerto Princesa City
 - Approval and endorsement of the FLUP of Isabela City by the City Development Council
 - Approval of the Aurora Bamboo Industry Roadmap by the Provincial Bamboo Industry Council
 - Participatory validation of land uses in upland barangays for the preparation of the Mt. Busa (Sarangani) LCA management plan
 - Signing of the MOU among DENR and LGUs for the establishment of Mt. Mingan as critical habitat of the Philippine eagle
 - Assessment of marine turtle nesting sites and hatcheries in Mariveles, Bataan., and training on handling marine turtle eggs and hatchlings
 - Training on integrated conservation and development for upland communities in South Cotabato, reaching more than 600 community members.
 - Training of more than 1,500 upland farmers in southern Palawan on conservation agriculture and agroforestry, with distribution of more than 30,000 lanzones seedlings.
- Strategic Approach 4: Conservation Education and Research
 - Completion of the Philippine eagle study in Pasonanca Natural Park
 - Presentation of the coastal resource assessment study in 11 Islands by the ZSCMST to the City Government of Zamboanga and BFAR.
 - Ongoing enhancement of syllabi for the BS Agroforestry curriculum of Pampanga State Agricultural University.
 - Enhancement of teaching and learning laboratory exercises for marine biology and related programs. of the Western Philippines University
- Strategic Approach 5: Wildlife Law Enforcement
 - Technical assistance to DENR
 - Development of communications plan and conduct of a webinar to generate support for the Environmental Protection and Enforcement Bureau (EPEB) Bill.
 - Presentation of WildALERT (mobile app that allow enforcement officials to correctly identify commonly trafficked species and report incidents of wildlife crime) for roll-out

- Turnover of an ultrasound machine to the NWRRC of BMB (X-ray machine provided earlier)
- Technical assistance to PAs, LGUs and Other Partners
 - Further refinement of the PCSDS Biodiversity Resources Access Information Network (BRAIN), and roll out of the 'Sumbong' feature of the system
 - Development of enforcement protocols for AMNP, MMPL Palawan, and PPUR
 - Training on enforcement database management and data analysis
 - Drafting of PA bills for 4 PAs in Palawan

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

- The Bureau continues to conduct the pre-implementation activities for the BD Corridor Project as follows:
 - Meeting with FAO for the BD Corridor Sister Project last 17 July 2020
 - Meeting with BSWM, one of the partner agencies last 21 July 2020
 - Meeting with DILG-BLGD, one of the partner agencies last 23 July 2020
 - Meeting with NCIP, one of the partner agencies last 24 July 2020
 - Hired consultant for the drafting of the Operations Manual
 - Drafted the BD Corridor Project NPS, TWG
 - Shortlisted applicants for the Project Management Unit