



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

JUL 05 2019

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 Staff Bureaus and
The Director, in concurrent capacity

SUBJECT : **SUBMISSION OF ACCOMPLISHMENT REPORT FOR THE
2nd QUARTER OF CY 2019**

We are pleased to submit the Accomplishment Report of the Biodiversity Management Bureau for the 2nd quarter of CY 2019.

For your information and record.


RICARDO L. CALDERON, CESO III



Republic of the Philippines
Department of Environment and Natural Resources
BIODIVERSITY MANAGEMENT BUREAU



BMB201901433

2019 2nd Quarter 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	TARGET						ACCOM				Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
PROGRAMS													
SUPPORT TO OPERATIONS													
DATA MANAGEMENT INCLUDING SYSTEMS DEVELOPMENT AND MAINTENANCE													
1. DATA MANAGEMENT													
1. Maintenance and enhancement of Website including data population	Website maintained, enhanced and updated	2	2	2	2	2	2	2	2		2		
- BMB Website	Meetings conducted	5	5	5	5	20	5	5	5		20	10	
- CHM Website													
2. Database Maintenance and updating	Database maintained and updated	1	1	1	1	1	1	1	1		1		
- PA Information System													
- Spatial Distribution for priority Wildlife Threatened Species													
- Attendance to trainings/workshops/seminars/ meetings related to Database and Application Development and other activities related to data management													
3. Maintenance of IT Infrastructure		4	4	4	4	4	4	4	4		4		
3.1. Email Account Management and Maintenance		1	1	1	1	1	1	1	1		1		
3.1.1. BMB Webmail account management and maintenance	BMB webmail account managed and maintained	50	50	50	50	50	50	50	50		50		
3.2. Maintenance of Servers	Servers maintained	3	3	3	3	3	3	3	3		3		
3.2.1. CITES E-Permitting Server													
3.2.2. PA Information System Server													
3.2.3. ICCA Partners Registry Server													
3.2.4. Maintenance of Internet Connectivity	80% uptime of Internet Connection maintained	80% uptime	80% uptime	80% uptime	80% uptime	80% uptime	80% uptime	80% uptime	80% uptime		80% uptime		
3.2.5. Maintenance of Internet Access Points including IP Telephony	Internet Access Points maintained	25	25	25	25	25	25	25	25		25		
3.2.6. Maintenance of Local Area Network (LAN)	LAN maintained	1	1	1	1	1	1	1	1		1		
3.2.7. Repair and maintenance of BMB computers and other IT equipment	computers and IT equipment maintained/repaired	15	15	15	15	15	15	15	15		15		
3.3. Business Continuity Plan Development and Implementation													
3.3.1. Development of BMB IT Policy	BMB IT Policy Developed/approved and implemented		1			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

[illegible]

Agency: OFFICE OF THE SECRETARY (OSEC)

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

[illegible]

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	TARGET				ACCOM				Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr		
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. Building support of stakeholders in biodiversity conservation	no. of partners institutions/ sectors engaged in biodiversity conservation		1			1	2	1		1	1
2. Celebration of special events											
2.1 World Wetlands Day (February 2)	no. of events activities conducted	1					1	1		1	1
2.2 IDBD (May 22)	report submitted		1				1	1		1	1
2.3 World Wildlife Day (March 3)	report submitted						1	1		1	1
2.4 World Migratory Bird Day (October 13)	report submitted						1	1		1	1
2.5 Philippine eagle week (June 4-10)	report submitted		1				1	1		1	1
2.6 Provision of assistance in the preparation of Tamaraw Month Celebration											
3. Printing/production of campaign collaterals (Calendars/pamphlets/brochures/flyers on caves, wetlands, and/or other important biodiversity areas e.g. urban biodiversity and agrobiodiversity)	no. of collaterals produced/ printed				3000	3000		100		100	2900
4. Photo-documentation of caves, wetlands and other conservation areas and BD-friendly products	collection of high resolution photos of features/products/ site visited endorsed to Director				3000	3000		1		1	2999
5. Pilot-testing of institutional brand book	no. of sites pilot-tested with report submitted			1		1		1		1	
	no. of meetings/consultations conducted with report submitted		1			1	2				2

Operating Unit: **BIODIVERSITY MANAGEMENT BUREAU**

Technical and Popular Materials in the Conservation and Development of Natural Resources

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM					Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
6. Assistance to Researchers		1	1	1	1	4	8	16			24		
7. Printing of NIPAS Act (as amended) IRR	No. of copies printed		3000			3000						3000	
8. Printing of Aruga (Documentation of PA Best Practices)		125				125						125	
9. Development/Production and Distribution of IEC Materials on Wildlife													
9.1 Bawal Posters (Localized version)	posters developed			3		3	1				1	2 Reviewed article entitled	
Wildlife priority species poster/brochures/guides/tarps	No. of posters/brochures developed		1000			1000		10000			10000	10 Wildlife Priority/Ende 1000 copies per species	
10. Production of AVP for selected PAS	AVPs produced												

Program/Project/Activity: Legal Services including Operations Against Unlawful Tilling of Public Land

[illegible]

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Formulation and Monitoring of ENR Sector, Policies, Plans and Programs

PROGRAMS	PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET						ACCOM				Variance	REMARKS
			1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
	SUPPORT TO OPERATIONS													
	FORMULATION AND MONITORING OF ENR SECTOR, POLICIES, PLANS, PROGRAMS AND PROJECTS													
	I. Policy Formulation													
	1. Caves, Wetlands and Other Ecosystems Program													
	1.1. DMC List of Classified Caves (2019)	Draft DMC endorsed to OSEC/PTWG no. of meeting/consultation conducted with report submitted			1	1				1				
	1.2. Guidelines for the Implementation of the Cave Management Protection and Conservation Program (CMPCP)	Draft DAO finalized and endorsed to DENR PTWG/OSEC				1				1				
		no. of meeting/consultation conducted with report submitted			1					1				1
	1.3. Guide on selecting caves used for capacity-building events/activities	Draft policies endorsed to BMB-TRC no. of meetings conducted with report submitted			1	1				1				2
	1.4. Manual on Urban Biodiversity Inventory and Assessment	Manual finalized and endorsed to BMB-TRC no. of meeting/consultation conducted with report submitted			1	1				1				
	1.5. Guidelines in the Sustainable management of Peatlands sites	policy/guidelines drafted no. of meeting/consultation conducted with report submitted			1	1				1				1
	1.6. Guidelines for wetland profiling/assessment	Policy/guidelines finalized and endorsed to BMB-TRC no. of meeting/consultation conducted with report submitted			1	1				2				1
	1.7. Policy framework on the recognition of biodiversity-friendly enterprises	Policy/guidelines finalized and endorsed to BMB-TRC			1	1				1				

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Formulation and Monitoring of ENR Sector, Policies, Plans and Programs

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET						ACCOM				Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
	no. of meeting/consultation conducted with report submitted		1	1		2	1	1			2		
1.8. National Policy on Wetland Conservation and Manage	Policy endorsed to Director		1			1							
2. Protected Area Management													
2.1. Finalization of the IRR of the NIPAS Act, as amended	DAO endorsed to OSEC	1				1		1			1		
2.2. Support policies to the NIPAS Act, as amended													
2.2.1. Guidelines on Protected Area Suitability Assessment	DAO drafted				1	1							
2.3. Guidelines on PA Reporting (Annotated Outline)	TB endorsed to Director			1		1					1		
2.4. Inputs to the Integration of BMS and Law/in				1		1		1			1		
3. Wildlife Conservation and Management Program													
3.1. DAO re exemption from issuance of CITES Permit for products made from specimens from <i>C. porosus</i> produced by CITES-registered captive-breeding facility	no. of consultations/meetings conducted DAO drafted		1	1		3							
3.2. Establishing certain areas as Critical Habitat	Draft DAO endorsed to OSEC				1	1							
3.3. Development of IAS Risk Assessment Protocol	No. of meetings conducted Technical Bulletin on IAS risk assessment protocol approved	1	1	1		2							
3.4. Standards in the collection of samples for DNA barcoding/wildlife forensic purposes	Technical Bulletin drafted	1				1							
3.5. Development of threatened species conservation action plan template	Technical Bulletin drafted		1			1							
3.6. DAO on the Adoption of the Wildlife Law Enforcement Action Plan (WildLEAP)	WildLEAP endorsed to OSEC	1				1							
3.7. DAO on the Registration of Raw and Worked Elephant Ivory for Commercial Purposes	Policy endorsed to OSEC				1	1		1			1		
II. Gather data/information /related materials for in support of the drafting of policies/guidelines/ programs on caves,wetlands and other important biodiversity areas such as urban ecosystem	list of related/relevant information, materials, policies, plans and programs gathered		6	6	6	18		4			4		

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Formulation and Monitoring of ENR Sector, Policies, Plans and Programs

PROGRAM/ACTIVITY/PROJECT and BD-friendly enterprises/practices	PERFORMANCE INDICATOR	TARGET					ACCOM				Variance	REMARKS	
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr			Total
III. Programs/Projects Review, Development and Implementation													
1. Review of guidelines, policies, regulations, resolutions, bills, etc. related to Protected Areas	% of all guidelines, policies/ regulations/Bills/Resolutions reviewed	85%	85%	85%	85%	85%	100	100				26	
2. Review of PA Bills/Congressional Resolutions	Percentage of PA Bills reviewed Percentage of meetings/hearings attended.	80% 90%	80% 90%	80% 90%	80% 90%	80% 90%	100	100				23	
3. Review of proposals regarding Protected Areas	Percentage of proposals reviewed	80%	80%	80%	80%	80%	2	5				7	
4. Review of the ENR policies, programs/projects, MOAs and bills related to caves, inland wetlands and other ecosystems	no. of policies, MOAs, bills related to caves, inland wetlands and other ecosystems reviewed	2	4	3	1	10	5	18				23	
5. Review of research/project proposals submitted by various entities/institutions	proposals reviewed GP prepared MOAs/MOUs prepared	3	3	3	3	12 As necessary As necessary	8 9	1				8 10	
6. Drafting of conservation and management plans for threatened species (dugong, marine turtle, flying fox)	meetings/workshops conducted Species Conservation and Management Plan drafted	1	2	2	1	6							
7. Finalization of the Wildlife Law Enforcement Action Plan (WILDLEAP)	WILDLEAP endorsed to OSEC	1				1	1					1	
8. 2020 BMB Work and Financial Plan	2020 WFP prepared and submitted to DENR Central Office				1	1							
9. Preparation and submission of OPCR	OPCR prepared and submitted (commitments and accomplishment)	2				2	2					2	
IV. Monitoring of Plans/Programs/Projects on Biodiversity Conservation													
1. Review and consolidation of accomplishment reports	Monthly reports submitted Quarterly reports submitted Annual Report submitted	3 1	3 1	3 1	3 1	12 4 1	3 1 1	3 1				6 2	
2. Monitoring/assessment of programs and projects on biodiversity conservation	Regions/sites visited Field reports prepared and submitted to OD			10	6	16							
V. Implementation/Coordination of Foreign													

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Formulation and Monitoring of ENR Sector, Policies, Plans and Programs

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM					Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
Assisted Projects													
1. Biodiversity Finance Initiative (BIOFIN), Biodiversity Corridor, ProCoast, SMARTSeas, etc	Meetings/Workshops attended conducted	1	2	2	2	7	1	4				5	
2. Supervision of and Technical Assistance to ICCA Projects	No. of meetings/workshops attended	1	1	1	1	4	29	5				34	
3. ADB -GEF Project "International Wildlife Trade: Combating Environmental Organized Crime in the Philippines"	No. of meetings conducted Minutes of the Meeting drafted Quarterly reports submitted	1 1 1	1 1 1	1 1 1	1 1 1	4 4 4	1 1 1	2 1				3 1	
4. USAID-Project Wildlife Project	No. of meetings conducted Minutes of the Meeting drafted Quarterly reports submitted	1 1 1	1 1 1	1 1 1	1 1 1	4 4 4	1 1 1	2 1				3 1	
5. Attendance to BMB-FAPS and DENR-FASPS - related meetings, workshops, conferences such as :	no. of meetings, workshops attended												
a. Official Development Assistance Portfolio Review		1	1			2	1					1	
b. FASPS Implementation Annual Performance Review					1	1							
c. Special Projects Technical Working Group		1	1	1	1	4	1					1	
d. BMB FAPS Coordination/ Complementarity			1		1	2							
e. BMB FAPS Project Board/ Steering Committee		1	1	1	1	4	1					1	
f. UNDP HACT Audit / Micro Assessment				1	1	2							
g. Other FAPS/ CC - related meetings/ workshops as maybe assigned			1	1	1	3							
6. Coordinate the preparation of CY 2018 ODA Portfolio Review report	no. of FAPS with ODA reports prepared	6				6							
7. Coordinate the preparation of news articles on BMB FAPS		5	5	5	5	20							
8. Hiring of contractual staff	no. of contractuels hired	1	1	1	1	1							
VI. Capability Building													
1. Attendance to training/workshops/ seminars	% of meetings/ workshops/total symposia attended	80%	80%	80%	80%	80%	54%	100%				185	
2. In-House Workshop/Writershop on proposals (Activity Design, TOR, PR) for various NPD activities	No. of In-house Workshop/ Writershop conducted	1				1	1					1	
3. ENIPAS IRR Forum	Forum conducted	1				1							
4. Assessment and Planning Workshop	No. of workshop conducted			1	1	2							
5. ENIPAS IRR and NPASMP Roll-Out	No. of workshops facilitated/			2	1	3							

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Formulation and Monitoring of ENR Sector, Policies, Plans and Programs

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET						ACCOM				Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
	organized												
6. PA Boundary Demarcation Workshop	No. of workshops conducted		1			1		1			1		
7. BAMS National Assessment	No. of workshops conducted				1	1							
8. SEAMS National Assessment	No. of workshops conducted				1	1							
9. Assessment and Planning Workshop for AHPs	No. of Workshop conducted		1			1		1			1		
10. In-house orientation on updated/recent policies on caves and inland wetlands	no. of events conducted				1	1							
11. Orientation of prescribed forms for cave assessment and inland wetland profiling/assessment	no. of events conducted		1	1		2		1			1		
12. Learning Event on Single-Rope Technique for Caving	no. of male and female trained participants/report submitted/ events conducted		1	1		2		1			1		
13. In-house Orientation on Creative Designs	no. of male and female trained participants/report submitted/events conducted			1		1							
14. Mainstreaming(biodiversity across:	Round Table Discussions (RTD) conducted/attended	1				1	1	1			2		
14.1. Health (DOH)													
14.2. Energy (DOE)			1			1							
14.3. Infrastructure (DPWH) / Urban Biodiversity			1			1		1			1		
14.4. Manufacturing (DTI)				1		1							
15. Stakeholders consultation for the Mindanao Biodiversity Research agenda	consultation conducted			1		1							
16. Focus Group Discussion on the PBSAP pursuant to DAO 2016-12 with DENR and selected agencies	No. of FGDS facilitated		2	1	2	5							
17. Popularization and roll-out of CMEMP policies/ guidelines developed	Learning event conducted		1	2		3							
VII. Conduct of regular conference/meetings/ workshops	Conference/Meetings conducted Minutes/Proceedings/documents prepared/submitted	3 3	3 3	3 3	2 2	11 11	7	1			8		
1. Mid year/Annual Assessment Workshops													
2. Senior Staff/FDU Meetings													
3. Technical Review Committee Meetings													

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Formulation and Monitoring of ENR Sector, Policies, Plans and Programs

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM					Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
VIII. Participation/Attendance to other committees/fora	Mtngs attended w/ report submitted												
1. PTWG				1	1	2							
2. DENR Budget Hearings				2	2	4							
3. DBM/Senate/Congress Budget Hearings				2	2	4							
4. DENR Planning Workshops				1		1							
5. Foreign-Assisted Projects (FAPs)													
6. CEPA													
7. Others (BAC-TWG, BAC, GAD, UNDP, PDP, PSB, DRR-EBA, SPMS, OMS, etc)													
IX. Facilitate/attend documents/meetings/ workshops in line with international commitments													
1. CBD and related meetings	No. of local/international meetings attended/conducted	2	2	2	2	8		6			6		
2. ASEAN Working Group on Nature Conservation and Biodiversity (AWGNCB)	Documents/reports prepared and submitted		1			1							
3. ACB			1	2		3							
4. Other ASEAN matters				1	1	2							
5. GEF			2	2		4							
X. Technical assistance (TA)													
1. Presenters/Resource Persons	Meeting/workshops attended	1	1	1	1	4		3			7		
2. Attendance/participation in the drafting/formulation of support policies/guidelines to biodiversity-related concerns	Meeting/workshops attended/ participated	1	2	1	1	5		16			16		
3. Provide technical assistance to Regional Office, LGUs, OGAs GOs and other stakeholder in the implementation of Caves, Wetlands/Ramsar Convention, Urban Biodiversity and other biodiversity-related projects/program	TA provided	1	2	3	2	8		6			15		
4. Participation to meetings/consultations /workshops (local/international) on matters about the implementation of the Convention on Wetlands, Convention on Migratory Species, ASEAN Task Force on Peatlands, Convention on Biological Diversity (related to urban biodiversity) and other related activities/projects	no. of meetings/consultations attended with report submitted	1	1		1	3		11			11		
5. Provision of technical assistance to BMB and Regional Office in the planning/programming of BMB Programs/ Projects	Activities undertaken Documents prepared Regions visited						As needed						
XI. Support to other activities	Special events conducted (no.)												
1. DENR Day			1			1		1			1		
2. BMB Day			1			1		1			1		

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/activity: Formulation and Monitoring of ENR Sector, Policies, Plans and Programs

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM					Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
XII. Support Services													
1. Repair and maintenance of Office Equipment	Office equipment repaired and maintained												
2. Driver	No. of driver hired	1	1	1	3	1		1				1	
3. Support Staff													
3.1. Administrative Support Staff		3	3	3	3	3		3				3	
3.2. Database Developer (consultancy services)**		1	1	1	1	1		1				1	
3.3. Technical Support Staff**		2	2	2	2	2		2				2	

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM				TO DATE	Variance	Remarks
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr			
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	% of reports reviewed/ No. of PACBRMA application reviewed/ endorsed*	80%	80%	80%	80%	80%	25	2			27		
II. Wildlife Trade Regulation and Law Enforcement													
1. Processing/Issuance of CITES permits (Manual and CEPMIS)	permits issued	235	265	260	240	500	264	163			447	53	
2. Monitoring of wildlife farms propagating CITES-listed species for international trade/wildlife facilities holding important wildlife	no. of farms monitored no. of monitoring reports submitted		3 1	4 5	3 3	3 1							
3. Annual inventory of government stockpile of ivory	inventory mobilized Ivory inventory report submitted to the CITES Secretariat	1 1				1 1							
4. Submission of CITES-related reports													
4.1. Annual Trade Report	reports submitted to CITES				1								
4.2. Annual Illegal Trade Report					1								
5. Updating of database on wildlife crimes, list of WRG/CWRG/WFP holders per region, production and trade reports of wildlife breeders	database maintained & updated	3	3	3	3	3	3	3			3		
6. Conduct of Meetings/Workshops for the development of Philippines' positions on agenda items/proposals to be discussed during the CITES COP18	No. of Meetings/Workshops conducted	1	2			3					3		
III. Wildlife Law Enforcement (charged to POGI)													
1. Mobilization of the Philippine Operations Group on Ivory and Illegal Wildlife Trade (POGI)	intelligence report submitted	15	15	15	15	30	18				18	12	
1.1. Case-building (intelligence-gathering, investigation, surveillance) operations													
1.2. Actual law enforcement operations and filing of criminal complaints/cases against suspected law violators	case documents - enforcement report - search warrant (as appropriate) quarterly enforcement reports	3 1	3 1	3 1	3 1	6 2	4				4	2	
1.3. Attendance to court hearings	Hearings attended						2				2	2	
1.4. Conduct of regular POGI/enforcement support team's Meeting	Minutes of the Meetings submitted Quarterly enforcement status reports submitted	3 1	3 1	3 1	3 1	6 2	3				3	3	
2. Capacity-building													
2.1. Ninth Training of Trainers (TOT9) on Wildlife Law Enforcement	training conducted report submitted			1									
3. Support to the Maintenance of Confiscated animals	No. of confiscated animals maintained	670	670	670	670	670						670	

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Protected Areas Development and Management

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM					Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
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/ Declaration/ Disestablishment	% of relevant documents for PA establishment/ disestablishment reviewed (dependent on submission from Regions)	80%	80%	80%	80%	80%	100%	100%					
1.2. NIPAS Management													
1.2.1. PAMB Organization	% of PAMB appointments reviewed/endorsed to the Secretary	80%	80%	80%	80%	80%	100%						
1.2.2. PAMB Operationalization	% of Resolutions reviewed % of Minutes of Meeting reviewed	80%	80%	80%	80%	80%		10%					
		80%	80%	80%	80%	80%		17%					
1.2.3. IPAF Establishment/ Operation	No. of SBR reviewed/ endorsed % of collection and utilization reports reviewed		4			4							
		80%	80%	80%	80%	80%							
1.2.4. PA Management Plans preparation/updating	% of PAMPs reviewed	80%	80%	80%	80%	80%	25%	40%					
1.2.5. SRPAO/SEAMS	% of SRPAO/SEAMS reports reviewed	80%	80%	80%	80%	80%	73%	73%					
1.2.6. Biodiversity Monitoring System	% of BMS reports reviewed	80%	80%	80%	80%	80%	1%	19%					
1.2.7. BAMS	% of BAMS reports reviewed	80%	80%	80%	80%	80%	15%	100%					
1.2.8. Special Use Agreements within PASAMOA	% of SAPAMOA reviewed	80%	80%	80%	80%	80%	100%	100%					
1.2.9. Other PA Management Activities	% of other PA management-related reports reviewed*	75%	75%	75%	75%	75%	40%	72%					
1.3. Ecotourism Development Program	% of reports reviewed	80%	80%	80%	80%	80%	100%						
1.3.1. Attendance/organization of ETWG and NESC meetings	ETWG meetings attended/ organized	1	1	1	1	4	2				7		
	NESC meetings attended/ organized	1	1		1	3					1		
1.3.3. Monitoring of Ecotourism Development Program	No. of sites monitored		1	1	1	3	3				6		
1.4. Monitoring of NIPAS implementation	No. of sites monitored		5	5	5	15	3				7		

Logan Wildlife Sanctuary - Protected Areas Conservation and Management												
PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM				Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr		
2. Cave Management and Conservation Program												
2.1. Monitoring of priority/classified caves including cave ecotourism sites	no. of priority/classified cave monitored/ no. of sites visited	2	3	3	2	10					9	1
2.2. Review and evaluation of Cave Assessment Reports/Management plans/Management implementation reports	no. of cave assessment report/ mgt. plan evaluated/ validated	3	4	5	4	16	43	5			48	
2.3. National Cave Committee Operations	no. of meetings conducted/ facilitated/co-hosted		1	2	1	4	1				1	3
3. Wetlands Conservation and Management Program												
3.1. Monitoring/evaluation of wetland priority/ Ramsar wetland site	no. of site monitored/evaluated	1	2	2	1	6		6			6	
3.2. Review and evaluation of Wetland Assessment Reports/Management Plans/Management Plan implementation reports	no. of wetland assessment report reviewed / mgt. plan evaluated /validated	2	3	4	3	12	3	12			15	
3.3. Inland Wetland Technical Working Group Operations (including subgroup on peatlands)	no. of meetings conducted with report submitted				2	2		2			2	
3.4. Monitoring of priority peatland site	peatland site monitored with report submitted			1	1	2						2
3.5. Desk inventory of wetlands esp those within PAs	Inventory report prepared		1			1						1
4. Urban Biodiversity Conservation and Management												
4.1. Pilot-testing of draft manual on urban biodiversity assessment of identified selected sites	no. of sites pilot-tested with report submitted	1	1	1	1	4						4
	No. of meetings/workshops conducted with report submitted		1		1	2	1				1	1
5. Agrobiodiversity Conservation Program												
5.1. Review of submitted profiles of identified potential biodiversity-friendly enterprises (BDFEs) based on the inventory of existing enterprises in protected areas and buffer zones	no. of profile of potential biodiversity-friendly enterprises reviewed	1	1	1	1	4						
5.2. On-site assessment/validation of selected identified potential BDFEs	no. of enterprises within protected areas and other conservation areas assessed/ validated		1	2	1	4		3			3	1

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Protected Areas Development and Management

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET						ACCOM				Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
7. Management and Administration of the Ninoy Aquino Parks and Wildlife Center (NAPWC)	Park maintained (ha)												
7.1 Outsourcing of Services													
7.1.1 Security Services	Security Agency Hired	1	1	1	1	1	1	1	1	1	1		
7.1.2 Janitorial Services (Buildings and Park Toilets)	Janitorial Agency hired	1	1	1	1	1	1	1	1	1	1		
7.1.3 Park Grounds and Rescue Center Maintenance and other Allied Services	No. of Job Orders (contracts)												
7.1.2.1 Park Grounds Utility Workers		19	19	19	19	19	19	19	19	19	19		
7.1.2.2 Animal Caretaker		7	7	7	7	7	7	7	7	7	7		
7.1.2.3 Biologist/Veterinarian		2	2	2	2	2	2	2	2	2	2		
7.1.2.4 Aircon Maintenance and Repair Technician		1	1	1	1	1	1	1	1	1	1		
7.1.2.3 Automotive Mechanic		1	1	1	1	1	1	1	1	1	1		
7.2. Park Maintenance Supplies	supplies procured												
7.3 Nursery Supplies	supplies procured												
7.4 Planting Materials for Pocket Landscape	materials procured												
7.5 Repair/Maintenance/Upgrading of Equipment	no. of equipment maintained												
7.5.1 Vehicles		4	4	4	4	4	4	4	4	4	4		
7.5.2 Chainsaw & Other Park Maintenance Equipment		5	5	5	5	5	5	5	5	5	5		
7.5.3 Office Equipment (A/C units)			78			78		78					
7.6 Repair/Maintenance of Buildings/Structures	no. of buildings/structures maintained												
7.7 Meetings/Workshops/Seminars	no. of meetings attended/ conducted		1		1	1					1		

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM					Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
1. National Wildlife Rescue and Research Center (NWWRC)													
1.1. Technical assistance in the maintenance and care of confiscated, donated and rescued wild animals	No. of animals maintained	1 100	1 100	1 100	1 100	1 100	1 771	1 394			1 394		
1.2. Management of rehabilitated animals in pursuit of DAO 97--17													
1.2.1. Organization of the BMB Wildlife Disposition Committee	no. of meeting minutes prepared		1	1		2						2	
1.2.2. Disposition of rehabilitated animals													
1.2.2.1. Assessment of proposed release site	no. of release sites assessed	1	1	1	1	4						4	
	no. of reports submitted	1	1	1	1	4						4	
1.2.2.2. Release of rehabilitated animals to the natural habitat	no. of animals released	30	30	30	30	120						120	
	no. of reports submitted		2	1	1	4						4	
1.2.2.3. Post release monitoring	no. of reports submitted	1	1	1	1	4						4	
	loan/donation instrument approved												
	no. of animals disposed through loan/donation												
1.3. Turn-over of animals to accredited wildlife facilities through loan or donation	no. of animals disposed through loan/donation												
1.4. Monitoring of DENR-accredited wildlife facilities holding wildlife from WRC either thru loan or donation	no. of monitoring reports submitted	1	3	3	3	10	1				1	1	
II. Wildlife Diseases													
1. Wildlife Diseases Surveillance	no. of sampling sites	1			1	2						2	
III. Capacity Building													
1. Wildlife Conservation and Management Species Identification and Management Techniques Sessions on Insects and Plants	Training conducted	1	1			2	1	1			2		
	No. of participants trained	60	60			120	55	56			111	9	
	Report submitted		1			1						1	
2. Wildlife Forensics and Criminal Investigation Training	Training conducted				1	1						1	
	No. of participants trained				60	60						60	
	Report submitted				1	1						1	
3. Conduct of Training on Identification of Wildlife Products and Derivatives (Focusing on Reptile Skins) & Techniques on Monitoring of Breeding Facilities	Training conducted					1						1	
	No. of participants trained				48	48						48	
	Report submitted				1	1						1	
4. Training of trainers for Regional training pools	Training conducted					1						1	
	No. of participants trained				48	48						48	
	Report submitted				1	1						1	

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Protection and Conservation of Wildlife

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM					Variance	REMARKS
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
5. Stop Illegal Wildlife Campaign in airports and seaports	No. of airport/seaport campaigns conducted Report submitted		2			4						4	
- Davao Seaport				1		1						1	
- Laoag Airport				1		1						1	
- Bohol Airport and Seaport			1			1						1	
- Subic Airport and Seaport				1		1						1	
6. Attendance to Meetings related to wildlife law enforcement and trade in compliance with Regional & International Commitments	meetings attended report submitted		1	2		3						3	
IV. National Wildlife Rescue and Research Center (NWRRC) Operation													
1. Animal Food/Medicines/etc	supplies procured												
2. Laboratory/Animal Hospital Equipment	equipment procured				1	1						1	
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. Participation to CITES COP18 and side events	meetings attended report submitted		1		1	1		1				1	1
2. Convention on Migratory Species (CMS)													
2.1. Participation to regional and international meetings/events	meetings attended report submitted				1	1						1	1
2.2. Preparation for the CMS COP13	workshop conducted		1			1						1	
2.3. Updating/review of accomplishments/actions on CMS resolutions adopted during COP12 with agencies and partners	workshop conducted		1			1		1				1	
2.4. Coordination of the ASEAN Flyway Network Project	No. of potential flyway network sites endorsed to the EAAP Secretariat meeting conducted			1	1	2						2	
				1	1	2						2	

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Management of Coastal and Marine Resources

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET						ACCOM				Variance	Remarks
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	
OPERATIONS													
NATURAL RESOURCES SUSTAINABLY MANAGED													
NATURAL RESOURCES CONSERVATION & DEVELOPMENT PROGRAM													
Management of Coastal and Marine Resources													
I. Coastal and Marine Ecosystems Management													
1. Program/Project Implementation													
1.1. TECHNICAL ASSISTANCE: conduct of orientation and/or training to the implementation of CMEMP / programs/projects	TAs provided (no.)	2	2	2	2	8		5	1			6	2
1.2. Hands-on ARMS Outreach Program	Activity conducted (no)		3			3			2			2	1
2. Support to Philippine RiseWest Philippine Sea Initiatives													
2.1. Philippine Rise Marine Resource Reserve - Protected Area Management Board Meetings (PRMRR-PAMB) Meetings	No. of PAMB meetings conducted		1		1	2							2
2.2. Management planning and consultation workshops/ Technical Working Group meetings for PRMRR	No. of management planning and consultation workshops/ TWG meetings conducted	1	1	1	1	4		3	3			6	
2.3. WPS Survey	No. of Survey conducted		1			1			1			1	
2.4. Communication, Education and Public Awareness Activities for WPS													
2.4.1. Fora/Symposiums/ Side Events (PAMS, MCO, MANAMO celebration) including exhibits as necessary	No. events conducted	1	1		1	4		1	2			3	1
2.4.2. Hiring of support staff for WPS (EMS and Communication Officer)	No. of staff hired	2	2	2	2	2		2				2	
3. Snake Island as National Coastal and Marine Center for Research													
3.1. Operationalization of the Snake Island as Coastal and Marine Center for Research (SAA to PENRO Palawan)	Site supported	1				1		1				1	
4. Operationalization of BMB-BFAR Convergence													
4.1. Conduct of meetings/orientation/trainings related to the operationalization of the BMB-BFAR Convergence	no. of technical assistance provided		1		1	2							2
4.2. Revision/Finalization of the Operational Plan	Operational plan finalized		1		1	2							2
5. Coastal and Marine Related Projects													
5.1. Technical Assistance to the Implementation of related projects	no. of technical assistance	1	1	1	1	4		7	9			16	

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

PROGRAM/ACTIVITY/PROJECT

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET						ACCOM						Variance	Remarks
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total				
supported by CMD (SMARTSeas PH, Maritime Archipelagic and Nation Awareness Month (MANA Mo), Marine wildlife interaction, Inter-agency TWGs on MSR, etc)	provided														
5.2. Support to IAMBUECECAM Program															
5.2.1. Sponsorship to 15th Philippine Association of Marine Science Symposium (Support to Blue Carbon Session during the PAMS 15)			1			1							1		
5.2.2. Conduct of Blue Carbon Citizen Science Orientation and Pilot-testing + Workshop (Scoping Exercise on the Capacity of DENR on Blue Carbon)			1			1				1				1	
5.2.3. Support Activities for the Blue Carbon Core and Network System (e.g. Training on Economic Valuation, Protocols for Below Ground Carbon Stock Estimates/Blue Carbon Determination and Policy Drafting)		1	1	1		3	2	2					4		
5.2.4. Conduct of Consultation Workshop on Blue Carbon Strategy		1				1								1	
5.2.3. Printing and distribution of IEC Materials			1	1	1	3								3	
5.3. Support to the implementation of BWM/AFS Convention															
5.3.1. Capacity building on the conduct of port biological survey					1	1							1	1	
5.3.2. Meetings		1	1	1	1	4	1	1					1	3	
6. Database Management															
6.1. Posting of CMD Updates, reports/news stories to the BMB Website	no. of articles posted to BMB Website	1	1	1	1	4	1	1					2	2	
6.2. Technical assistance on the set up of the database per region (upon request)	no. of technical assistance conducted	1	1	1	1	4	2	3					5		
6.3. Maintenance support to Database (supplies, software, parts, etc)	no. of softwares, supplies, parts maintained	1				1	1						1		
6.4. Monitoring and evaluation of database (meetings, field validation, review of reports, etc)	dbase maintained	1				1	1						1		
7. Plans, Policies and Standards Developed, Promoted, Monitored and Evaluated															
7.1. Technical Bulletins															
7.1.1. Drafting of Coastal and Marine Environment Damage Assessment, Response and	TB developed/drafted	1	1	1		2							2		

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM					Variance	Remarks
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
Restoration/Rehabilitation Policy													
7.1.2. Drafting of Coral Bleaching Response Guidelines as part of the Citizen Science Compendium	TB developed/drafted			1		1						1	
7.1.3. Drafting of Guidelines on PAMB Composition for Offshore MPAs	TB developed/drafted	1				1						1	
7.1.4. Revision/Updating of drafted policies	Policy endorsed to OSEC	3				3						3	
7.1.4.1. Policy Brief on the MPAN Guidelines													
7.1.4.2. TB on Coral Rehabilitation													
7.1.4.3. TB on the Clarificatory Guidelines on TB 2017-05 on the Assessment of Coastal and Marine Ecosystems													
7.2. Popularization and roll-out of policies/ guidelines developed	Learning event conducted		1	2		3						3	
II. Integrated Coastal and Marine Partnerships													
1. Plans, Policies and Standards Developed, Promoted, Monitored and Evaluated													
1.1. Vulnerability Assessment	Revised draft policy submitted to BMB-TRC	1				1	1					1	
1.2. Biodiversity Consideration on Area Clearance for Reclamation	Draft policy submitted to BMB-TRC		1			1						1	
1.3. Citizen Science General Policy	Draft policy submitted to TRC			1		1						1	
1.4. Foreshore Policy	Draft policy submitted to BMB-TRC	1				1	1					1	
2. CMEMP Regional Implementation													
2.1. Integrated Coastal Management													
2.1.1. Review on the status of ICM Implementation													
2.1.1.1. Hiring of Monitoring and Evaluation (M&E) Consultant	Draft guidelines on monitoring national ICM implementation		1			1						1	
2.1.1.2. Conduct of Meetings and consultations	No. of meetings/ consultations conducted	1	1	1	1	4	1	1				2	2
2.1.2. ICM Summit (Preparation)	Hired Resource Person, Procured Supplies and Tokens, Preparatory meetings conducted			1		1						1	
2.2. Population, Health and Environment with engagement of consultant to develop guidelines on Integrating PHE to ICM	Consultant hired		1			1						1	

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Management of Coastal and Marine Resources

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM					Variance	Remarks
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
2.2.2. Meetings/Consultation/Coordination with other NGAs 2.2.3. Production of IEC Materials	Mtng/Consultations conducted	1	1	2	1	5	1				1	4	
	IEC Materials produced			1		1						1	
	Consultant hired												
2.3. ICM for AWGOME and CTI Member states	Consultant hired	1				1						1	
2.3.1. Hiring of consultant to develop a framework for ICM and Climate Change													
2.3.2. Meetings/Consultation/Coordination with other NGAs	Mtng/Consultations conducted	1	1			2	1	1			2		
2.4. GreenFins													
2.4.1. Mainstreaming of GreenFins with other NGAs	Minutes of the meeting		1		1	2						2	
2.4.2. GF Coordinators Training (BMB Level)	Minutes of the meeting		2			2						2	
2.4.3. Monitoring of GF Implementation in pilot sites	Monitoring report	1	1	1	1	4						4	
2.4.4. MOA with RWF for 6 years of Implementation	Draft MOA prepared			1		1		1			1		
2.4.5. Green Fins Conference (Pilot ROs and non-pilot ROs for awareness and best practice)	Proceedings of Conference			1		1						1	
2.4.6. Production of IEC Materials (GF Packs)	No. of packs produced	1				1						1	
2.5. Biodiversity-Friendly Enterprises													
2.5.1. Assessment and Evaluation of Implementation of BDFE (Monitoring)	Activity/validation report		1	1	1	3		3			3		
2.5.2. BDFE Financial Assistance	Approved business proposal and progress report		1			1						1	
2.5.3. Regional Roll-out of BDFE Recognition process (DAO and TB)	Workshops/meetings conducted		1	1	1	3						3	
2.5.4. Capacity Building trainings at the BMB level and site level	No. of trainings conducted		1	2		3						3	
3. Sulu Sulawesi Seascape													
3.1. Monitoring of the implementation of activities indicated in the MTPAN MOA (habitat survey, CEPA and validation)	Report submitted		1	1		2		1			1	1	
3.2. Establishment of a programmatic information exchange between and among agencies (TWG including SSS Communication Strategies/ies and conduct of Management Effectiveness Assessment)	Information exchange system established	1		1		2						2	
3.3. Enforcement Communication and Coordination Protocol	Protocol developed			1		1						1	
4. Turtle Islands Heritage Protected Area (TIHPA)													
4.1. Review of documents needed for the proposed TIHPA as AHP	Report submitted	1	1	1	1	4						4	
4.2. Preparatory Meeting with Sabah Parks	Meetings conducted			2		2						2	
4.3. Attendance to Philippine EAGA/BIMP EAGA - Pre Meeting and Main Meeting)	Report submitted		2			2						2	
4.4. Participation to the TIWS PAMB Meeting - 2 persons to participate in the PAMB Meeting	Report submitted		2			2		1			1	1	

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Management of Coastal and Marine Resources

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET						ACCOM				Variance	Remarks
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
4.5. Participation to the Adlaw Sin Payukan Festival - 2 persons will participate	Report submitted		1			1						1	
4.6. Orientation/Seminar (Preparatory transfer of TIWS to Bangsamoro and CMEMP Orientation)	Orientation/seminar conducted		1			1						1	
4.7. Capacity Building (Eradication of Crown of Thorns Starfish)	conducted		1			1						1	
5. CEPA Activities	CEPA activities conducted												
5.1. Month of the Ocean			1			1		1				1	
5.2. Development and Printing of IEC materials			1			1		1				1	
5.3. International Coastal Cleanup				1		1							
5.4. Marine Debris													
5.4.1. Conduct of regular coastal cleanups (including Manila Bay)		3	3	3	3	12	3	1			4	8	
5.4.2. Conduct of meetings		1	1	1	1	4		1			1	3	
6. Capacity Building													
6.1. Coastal and Marine Ecosystems Managers Capability Training and Scaling-up of the Mentorship Program	Training conducted	1			1	2	1				1	1	
6.2. Printing of training modules on Coastal and Marine Managers Capability Training	Training modules printed		1			1						1	
6.3. Internal Capacity Strengthening ex. Facilitation, Participatory Management and Planning, GAD Mainstreaming, Spatial and Management Planning, M and E and Learning Training, Policy development	Training conducted	1	2	1	2	6	1				1	5	
6.4. MEAT/METT Training	Training conducted		1			1						1	
7. Coral Triangle Initiative													
7.1. CTI-CFF National Plan of Action (NPOA) (dissemination/ implementation/ oversee)	NPOA disseminated		1			1						1	
7.2. CTI-CFF Regional Plan of Action Implementation (ex. Working Groups on Seascapes, Threatened Species, EAFM, etc.)	No. of participants attended the SOM and report submitted				2	2						2	
7.3. Attendance to 15th SOM	No. of participants attended				12	12						12	
7.4. Attendance/hosting CTI CFF SOM/Working Group/TWG Regional Exchanges/Meetings	No. of participants attended the SOM and report submitted		2		2	4						4	
7.4.1. Seascape Working Group Regional Exchange and Meeting			2			2						2	
7.4.2. Threatened Species Working Group Regional Exchange and Meeting			2			2						2	
7.4.3. EAFM Working Group Regional Exchange and Meeting			2		2	4						4	
7.4.4. MPA Working Group Regional Exchange and Meeting													
7.5. Operations of National CTI Coordinating Committee	Minutes of NCC and TWG	2	3	3	2	10	2	1			3	7	

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

[illegible]

Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Management of Coastal and Marine Resources

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM				Variance	Remarks
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	
11. Conduct of support to and attendance to national preparatory workshops, trainings, conferences, learning events, TWG Meetings, Re-echoing Workshop (e.g. DFA-related concerns, ASEAN, Ramsar, SSS, CBD, CMS, ICRI, APEC, AHP, EBSA, BBNJ, PROCOAST, South China Sea-SAP BMB-BFAR	No. of events organized/ attended with corresponding reports (with analysis)	1	1	1	1	4	2				2	
Convergence, CMEMP Assessment, BMB Assessment, DENR Assessment, PAMS, Manila Bay Rehabilitation, etc)												
12. Conduct of support to and attendance to international and regional meetings, workshops, conferences, conventions, learning events, and preparation of national reports for MEAs (e.g. CTI Working Group, TWG and TAG Regional Meetings, PH JMC-TIHPA, BIMP-EAGA Cluster Meeting, TIWS PAMB Meeting, AWGCMC, South China Sea-SAP, World Ocean, CBD, ASEAN, Ramsar, SSS, CBD, CMS, ICRI, APEC, BBNJ, UN, IYOR, etc.)	No. of events organized/ attended with corresponding reports (with analysis)	Moving target						1			1	
13. Harmonization Workshop with NPD and CAWED	Workshop onducted	1				1	1				1	
14. Training on Tidal Wetlands: Indicators to focus on Avian Species	Training conducted		1			1						
IV. Monitoring and Evaluation												
1. Regular Monitoring of Implementation of CMEMP in 2019	Monitoring conducted	1	1	20		22					22	
2. National CMEMP Implementation Assessment Workshops	Assessment workshop conducted		1		1	2					2	
V. Program Support												
5.1. Hiring of Staff												
5.1.1. Database Management Specialist	Staff hired	1	1	1	1	1	1	1			1	
5.1.2. Assistant Program/Project Coordinator	Staff hired	1	1	1	1	1	1	1			1	
5.1.3. GIS Specialist	Staff hired	1	1	1	1	1	1	1			1	
5.1.4. IEC Officer	Staff hired	1	1	1	1	1	1	1			1	
5.1.5. Monitoring Officer	Staff hired	4	4	4	4	4	4	4			4	
5.1.6. Environmental Management Specialist	Staff hired	2	2	2	2	2	2	2			2	
5.1.7. Project Operations Control Officer	Staff hired	1	1	1	1	1	1	1			1	
5.1.8. Financial Management Officer	Staff hired	1	1	1	1	1	1	1			1	
5.1.9. Budget Data Management Assistant	Staff hired	1	1	1	1	1	1	1			1	
5.1.10. Project Support Officer	Staff hired	1	1	1	1	1	1	1			1	
5.1.11. Information Technology Assistant	Staff hired	1	1	1	1	1	1	1			1	

Program/Project/Activity: Management of Coastal and Marine Resources

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET					ACCOM					Variance	Remarks
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
5.1.12. Communication Specialist	Staff hired	1	1	1	1	1		1			1		
5.1.13. Data Encoder	Staff hired	1	1	1	1	1	1	1			1		
5.1.14. Record Management Assistant	Staff hired	1	1	1	1	1	1	1			1		
5.1.15. Administrative Assistant	Staff hired	1	1	1	1	1	1	1			1		
5.1.16. Diver	Staff hired	1	1	1	1	1	1	1			1		
5.1.17. Driver	Staff hired	1	1	1	1	1	1	1			1		
5.2. Purchase of Softwares and Repair, Maintenance, Upgrading/Updating of Equipment	No. of equipment upgraded/ updated and no. of softwares purchased		1			1							

Program/Activity/Project		Performance Indicator	Target				Accom				Variance	Remarks		
			1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
OPERATIONS														
ADAPTIVE CAPACITIES OF HUMAN COMMUNITIES AND NATURAL SYSTEMS IMPROVED														
ENVIRONMENTAL AND NATURAL RESOURCES RESILIENCY PROGRAM														
NATURAL RESOURCES ASSESSMENT														
Forest Cover Change Analysis and Mapping														
1. Support to the Mapping of Forest Formations in selected Priority Protected Areas					2	2	2	6		2			2	4
2. Training on Species Distribution Modeling				1			1	1					1	
3. Training on Remote Sensing For Detecting Ch and Classifying Forest Formation Types				1			1	1					1	
4. Training on Ground Truthing through Flora and Aerial Surveys for Forest Formation					1		1		1				1	

Prepared by:

Approved by:


NANCY R. CORPUZ
OIC-Chief, BPKMD


RICARDO L. CALDERON, CESO III
OIC-Assistant Secretary for Staff Bureaus and Director in concurrent capacity

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

**Accomplishment Report
2nd Quarter CY 2019**

A. INTRODUCTION

The Biodiversity Management Bureau (BMB), as the lead agency tasked to conserve biodiversity, is mandated to conserve and protect the country's biological diversity, and sustainably manage and conserve the important resources and ecosystem services they provide. The Bureau is tasked to formulate and recommend policies and programs which will strengthen the implementation of the National Integrated Protected Areas System (NIPAS) and other effective area-based conservation measures; and 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 2019, the Bureau was able to accomplish the following major activities for the months of April to June 2019:

I. Formulation/Preparation/Review of Policies and Guidelines

A. Endorsed the following policies/guidelines:

- Implementing Rules and Regulations of RA 11038, Expanded National Integrated Protected Areas System Act of 2018
- *approved by the Secretary on 30 May 2019*

B. Drafted the following policies/guidelines:

- Technical Bulletin on the Demarcation of Boundaries of Protected Areas under NIPAS; and
- Integration of the BMS in the Lawin Forest and Biodiversity Protection System.

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

- Draft Bill entitled "An Act Instituting A National Land Use Act, Providing the Implementing Mechanisms Therefore, and for Other;
- Draft DAO on Guidelines for Sustainable Development Planning and Management of Peatlands;
- National Disaster Risk Reduction and Management Plan 2011-2018;
- Draft EO on the Creation of Environmental Protection and Enforcement Bureau of the DENR;
- House Bill No. 8863 on the conversion of Brgy. Itbud Uyugan, Batanes as A and D lands for disposition as residential area/site;
- SBN 2172/HBN 8217 entitled "An Act Establishing A Community-Based Monitoring System and Appropriating Funds Therefor;"
- Draft Manual of Tools and Methods on Biodiversity Assessment in Urban Areas;
- Draft Manual on Carrying Capacity Determination for Sustainable Tourism Destination;
- Draft policy on the Establishment of National ICCA Registry;

- Draft Joint DENR-NCIP Administrative Order on the Documentation and Registration of ICCAs;
- Draft International Legal Instrument Relating to Intellectual Property, Genetic Resources and Traditional Knowledge Associated with Genetic Resources;
- Rules and Regulations for the Issuance of Free Patents to Residential Lands under RA No. 10023;
- Draft LMB TB on the Procedures on the Validation , Segregation Survey and Turn Over of Identified Lots in the Island of Boracay under Land Reform;
- Draft DAO transferring the administration and management of lots covered by GSD-00-000015 located in J. Posadas, Punta, Sta. Ana, Manila, from the LMB to DENR NCR;
- Guidelines on the Formulation of Medium-Term Environment and Natural Resources (ENR) Plan Using Geospatial Platform;
- HB 2145, 3247, 4808, 5512, 6884, 6885, 2127, 2360, 2685, 3439, 3559, 4617, 6036, 5108, 678 substituted by HB 7435, 7183, 7792, 8116, 4282, 6987, 7225

II. Establishing and Managing Protected Areas

- Provided comments and recommendations on the Protected Area Suitability Assessment Report of the following:
 - Mt. Pantaron Range Natural Park in San Fernando, Cabangsalan and Malaybalay, Bukidnon
 - Magapit PL
- Reviewed the PA Management Plan of the following:
 - Bangan Hill NP
 - Mt. Timolan PL
- Reviewed the accomplishment report on PA Management Zone Delineation of the following:
 - Aliguay Island PS
 - Murcielagos Island PLS
 - Dumanquillas Bay PLS
 - Buug NBA
- Reviewed the IPAF Collection reports of the following Protected Areas:
 - Mabini PLS
- Reviewed/Acted on the following report on SRPAO/SEAMS:
 - Informed DENR Region 8 on the Memorandum signed by USec for Field Operations instructing the continuation on the use of SEAMS;
 - Reviewed the SEAMS reports of the following:
 - Bangan Hill NP
 - Salinas NP
 - Tumauni WFR
 - Bulusan Volcano NP
 - Mayon Volcano NP
 - Abasig-Matogdon Mananap NBA
 - Caramoan NP

- Reviewed/Endorsed the following PACBRMA Applications:
 - Buyon Upland Farmers Association (Peñablanca PLS)
 - Nabbalayan Farmers Association (Peñablanca PLS)
- Reviewed/Acted on the following MOA/SAPA:
 - SAPA Application of South Western Cement Corporation (SWCC) for Seaport Facility in Brgy. Malabuyoc, Cebu;
 - MOA with Philippine Children's Medical Center for the use of portion of NAPWC;
 - SAPA Application of South Western Cement Corp. for the Seaport Facility within the boundaries of Tañon Strait PS;
- Reviewed the following SAPA/MOA Proposals:
 - Proposed Road Widening Project of the DPWH within Bicol Natural Park (BNP)
 - Proposed 15MV CFB CAO Power Plant Project by DMCI Corporation in Brgy. Bato-Bato, Narra, Palawan;and
 - ECC Application of Rizal Wind Energy Corp. (RWEC) for the proposed 603MV Rizal Wind Project located in the City of Antipolo and the Municipality of Tanay, Rizal.
- Reviewed reports on Ecotourism Development Program
 - Olango WS
- Monitored the following Ecotourism sites:
 - Mts. Banahaw-San Cristobal Protected Landscape
 - Biri-Larosa PLS
 - Samar Island NP
- Participated in the ETWG Meeting held on 2 April 2019, 23 May 2019 and 07 June 2019, and NESC Meeting held on 03 May 2019
- Conducted the following Learning Events/Trainings:
 - IPAF Coaching and Mentoring in DENR Region 4A held on 29 April – 01 May 2019;
 - Workshop on the Demarcation of Boundaries of National Parks and PAs under the NIPAS held last 7-10 May 2019; and
 - IPAF Coaching and Mentoring in DENR Region 8 held on June 4-5, 2019.

III. Cave Management and Conservation Program

- Conducted consultation workshop on the guidelines for the Implementation of the Cave Management Protection and Conservation Program last 3-4 April 2019
- Conducted the Learning Event on Single-Rope Technique for Caving last 27 – 31 May 2019
- Continuous monitoring of priority caves within PAs and targeted under PDP. Region IV-A (Kaping cave, Lawigue Dry Cave 1, Lawigue Dry Cave 2, Sungwan

Cave); Region XIII-COBF (Silop Cave, Punta Diwata Cave, Ugnop Cave, Putting Buhangin Cave); and Balite Cave within Minalungao National Park;

- Reviewed and evaluated implementation the following Management Plans:
 - Hagunoyan Cave I and II
 - Calapan Cave
 - Liwaya Caves I,II,III
 - Gigangan Cave
 - Lobo Cave I
 - Apugan Cave
 - Qunitio Cave
 - Pascua Cave
 - Cequero Caves 1 and 3
 - Kulalaknit Cave
 - Saob Cave
 - Kampana Cave
 - Apiton Cave
 - San Pablo Cave
 - Bagumbungan Cave
 - Banahaw Cave
 - Tahud Cave
 - Kabyawan Cave
 - Datu Kugsing Cave
 - Sayaw Cave
- Reviewed and evaluated the following cave assessment reports:
 - Bahay Baboy-damo Cave
 - Binunuan Cave
 - Burabod Cave
 - Calanay-A Cave
 - Dulay Cave
 - Ili-Centro Cave
 - Kalangkuan Cave
 - Kastilla Cave
 - Kipaniki Cave
 - Koros-Koros Cave
 - Kulatingan Cave
 - Lagundi Cave
 - Lauan Cave
 - Liyang Cave
 - Lubluban Cave
 - Manilao Cave
 - Manlabopng Cave
 - Moraledo Cave
 - Omang Cave
 - Oruk Cave
 - Rinintian Cave
 - Sadit Cave
 - Sedo Cave
 - Solong Cave
- Reviewed and evaluated the following cave management plans:
 - Updated Bagumbungan Cave Management Plan
 - Banahaw Cave MP
 - Cagong-cagong MP
 - King Cave MP
 - Chocolate Cave MP
 - Gaang Cave MP
 - Roman Cave MP
 - Angib Cave MP
 - Guano Cave MP

IV. Wetland Conservation and Management Program

- The Bureau conducted Orientation on the Enhanced Cave Assessment and Inland Wetland Profiling/Assessment Forms last 3-4 April 2019
- Priority wetlands are within PAs and under PDP. The Bureau monitored 4 priority wetlands in Region 4-A; Lalaguna Marsh, Dagatan Lake, Taal Volcano PL and Sampaloc Lake alst June 7, 2019
- Reviewed and evaluated the following wetland assessment reports
 - Managa-naga River
 - Panikian Lake
 - Green Lake
 - Lake Mainit

- Hicming Falls
 - Tayak Lake
 - Sagurong Lake
 - Nacali Falls
 - Malungoy-lungoy Falls
 - Vera Falls
 - Timbaan river
 - Tagbak River
 - Lake Pagusi
 - Lake MAhucdam
 - Carmencita Wetland
 - Bambanin Wetland
 - Capayas Dam
 - Aspure Sulphur Pond
 - Balidbid Lagoon
- Reviewed and evaluated the following Wetland Management Plans:
 - Lake Holon
 - Lake Maragang
 - Manilao Inlet Wetland
 - Lake Mainit PA
 - Baruyen River Wetland
 - Provided comments and recommendation on the following Watershed Characterization and Management Reports and Plans:
 - Makar Watershed –Region 12
 - Little and Big Lun – Region 12
 - Baganga River – Region 11
 - Munurigao River – Region 11
 - Dumagook Watershed – Region 11
 - Reviewed the implementation plan of the following wetlands:
 - Lake Manguao
 - Municipal Conservation Area and Ecotourism Zone in Taytay, Palawan
 - Tinagong Dagat
 - Romblon and Kisloyan Peatland in Oriental Mindoro
 - Conducted the Turn-over and Planning Workshop for the Rehabilitation of the Wetlands of Boracay Island on 29-30 April – 1 May 2019 at Casa Pilar, Boracay.

V. Protection and Conservation of Wildlife

A. Wildlife Trade Regulation

- For the 2nd Quarter of CY 2019, the Bureau was able to process and issue a total of 183 CITES permits (export=133, re-export=9, import=41) generating a total income of ₱253,877.96.
- Issued the following Gratuitous permits:
 - GP No. 293 – University of the Philippines – Baguio c/o Dr. Zenaida G. Baoanan for her study on Popularizing access to biodiversity and conservation (PABIDACO)

B. Wildlife Law Enforcement

- Continuing its fight against ivory trade, several activities were conducted by the Bureau. For the 1st Quarter of CY 2019, the Bureau conducted one (1) cyber surveillance monitoring and one (1) foot-surveillance. Three (3) actual law enforcement operations against violators on which confiscations of 1,216 wildlife species were made.

C. Conservation of Threatened Species

The Bureau was able to continuously monitor and provide guidance to Regional Offices in the conservation and management of threatened species, i.e. marine turtle, dugong, Philippine raptors. The Bureau also provided assistance in addressing the technical and administrative concerns of the Palawan Wildlife Rescue and Conservation Center (PWRCC) – Crocodile Farming Project, and the National Wildlife Rescue and Rehabilitation Center (NWRRC).

- **Ex situ Conservation**

- Animal Care and Maintenance

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 2019, WRC received 812 different animals, to wit: 20 mammals, 7 birds, 32 reptiles, 753 arthropods.

Health assessment was done on the following animals:

Date conducted	Animals	No. of heads	Activities undertaken
April 4, 2019	Long tailed macaque	7	blood collection; ultrasonography
	Note: These animals were used for the UPLB-CVM thesis as stated in item #2.b.		
April 5, 2019	Long tailed macaque	6	blood collection; ultrasonography; echocardiogram
	Note: Note: These animals were used for the UPLB-CVM thesis as stated in item #2.b.		
June 18, 2019	Crested serpent eagle	2	Given vit. B-complex; deworming; blood collection
	Brahminy kite	3	
	White-bellied sea eagle	1	
	Philippine hawk eagle	3	
	Changeable hawk eagle	1	
June 19, 2019	Crested serpent eagle	22	Given vit. B-complex; deworming; blood collection; 19 heads were undergoing treatment for antifungal infection
	Brahminy kite	1	
June 20, 2019	Crested serpent eagle	13	Given vit. B-complex; deworming; blood collection

- Animal Inventory.

- As of June 30, 2019, WRC houses a total of 1,394 different animals composed of 47 arthropods, 207 mammals, 510 birds and 630 reptiles.

- Support to Academic Enhancement Program

The BMB-WRC sustained its support to various academic institutions especially in enhancing the knowledge and skills of their students in veterinary care and captive wildlife management. For the report period, the BMB-WRC accommodated the following practicum students, as follows:

University/School	No. of students	Covered Period
NEU	2 Biology students (cont.)	April 2, 4, 5, 22-24, 26, 29, 2019
UPLB	1 Volunteer (cont.)	April 13, 2019
	9 Vet Med students	April 2-6, 2019
	9 Vet Med students	April 9-13, 2019
	10 Vet Med students	April 24-27, 2019
	7 Vet Med students	April 30, 2019
CBSUA	3 Vet Med students (cont.)	April 13-16, 2019
CSU	4 Vet Med students	April 1-6, 8-11, 2019
	4 Vet Med students	April 15-19, 22-26, 2019
	4 Vet Med students	April 29-30, 2019
ISU	4 Vet Med students	April 1-5, 2019
HEDCen	8 Grade 12 Senior High School students (cont.)	April 3, 24-25, 2019
VMC	1 Senior High School student (cont.)	April 5, 2019
PLM	2 Biology students	April 22, 24-27, 29-30, 2019
GIZ	2 Volunteer	April 28, 2019
PLM	2 Biology students (cont.)	June 3-6, 14, 2019
	1 Biology student (cont.)	June 1, 3-4, 6-8, 10-11, 13-14, 21, 2019
PUP	4 Biology students (cont.)	June 3-4, 6-7, 26, 2019
	1 Biology student (cont.)	June 1, 3, 20-22, 27, 2019
	2 Biology students (cont.)	June 1, 3, 6, 11, 13-15, 21, 28, 2019
	2 Biology students (cont.)	June 1, 3, 5, 20, 21, 2019
	2 Biology students	June 3, 21-22, 24-28, 2019
BSU	8 Vet Med students	June 10-22, 2019
	8 Vet Med students	June 24-30, 2019

○ Information and Education Campaign

To contribute in raising public awareness and appreciation on wildlife protection and conservation, WRC conducted the following:

- a. Continued in showcasing various animals at viewing area to park visitors;
- b. Accommodated the following:

- Accommodated interview with Dr. Glenn S. Maguad by four (4) Bulacan State University B.S. Accounting Technology student re: animal cruelty on April 2, 2019

- Provided assistance to one (1) UPLB student in collecting blood samples and conducting ultrasonography to captive Long tailed macaques for his thesis entitled "Serum biochemistry and ultrasonography of rescued long-tailed macaques, (*Macaca fascicularis*, Raffles 1821) in the Philippines" on April 4-5, 2019
- Accommodated approximately fifteen (15) student volunteers from Ateneans Guided and Inspired by Love for Animals (AGILA) organization on April 13, 2019 re: tour around BMB, orientation on WRC functions, and feeding of wild animals
- Accommodated thirty-two (32) participants of the Art Workshop for the youth entitled, "Keep Them Wild" by the Coffee Bean and Tea Leaf (CBTL), Inc. Philippines in partnership with Biodiversity Finance Initiative (BIOFIN), Faber-Castell Philippines and the BMB re: orientation on WRC functions and tour around the park and WRC facilities on April 13, 2019
- Accommodated Mr. Ruy L. Martinez, Photographer from Manila Times re: photos of confiscated animals for their article about Earth Day – protect our species on April 22, 2019
- Accommodated interview with Dr. Maguad by one (1) 4th year Mapua University Architect student re: research entitled "An In-Depth Assessment on Wildlife Habitat Design in Urban Areas for Ecological Restoration and Conservation Education"
- Accommodated approximately 16 visitors from Myanmar re: tour of NAPWC and WRC facilities with Ms. Candice Salud
- Other Accomplishments
 - WRC, through animal keeper Mr. Darryl Ballesteros, provided assistance to the BMB-POGI team in the law enforcement operation in Mati, Davao Oriental on April 8-12, 2019 ;
 - Dr. Maguad conducted health assessment on the confiscated animals seized in Mati, Davao Oriental assisted by animal keeper's Mr. Ballesteros and Mr. Edgardo Flores on April 13-17, 2019;
 - Dr. Maguad attended the Learning Event on "Ethical Leadership" on April 24-26, 2019 at Brentwood Suites;
 - Dr. Maguad attended a meeting about the following: 1) activities for students re: Urban Biodiversity; 2) draft MOA between Philippine Science High School (PSHS) and BMB on April 30, 2019 at CAWED conference room;
 - Dr. Glenn S. Maguad provided a seminar to the staff of the First Pacific Leadership Academy (FPLA), Antipolo City on proper handling and management of snake reportedly found within the vicinity on June 13, 2019

- WRC through Animal keepers', Mr. Darryl O. Ballesteros and Mr. Glenn T. Morales, conducted an ocular survey of the Bataan National Park, Samal, Bataan to determine specific release sites for rehabilitated animals at the WRC on June 19-21, 2019
- WRC through Animal keeper Mr. Policarpio Nadado, released turned-over one (1) head Green sea turtle in Nagbalayong, morong, Bataan on June 25-26, 2019
- Dr. Maguad and Mr. Morales conducted an assessment of a Philippine eagle turned-over to CENRO Dolores on June 25-27, 2019

D. Capacity Building

- The Bureau conducted the training on Wildlife Conservation and Management: Species Identification, Handling and Management Techniques: Session on Plants held on 15-28 May 2019;
- The Bureau also developed posters for the ten (10) Wildlife Priority/Endemic Species and produced 1000 copies each.

E. Compliance with Regional and International Commitments/ Agreements/ Partnerships

- Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)
 - Conducted workshop for the development of Philippines' positions on agenda items/proposals to be discussed during the CITES COP18 held on 1-2 May 2019

VI. Coastal and Marine Ecosystems Management Program

A. COASTAL AND MARINE ECOSYSTEMS MANAGEMENT

- CMEMP Regional Implementation
 - The Bureau conducted Training for Remotely Operated Vehicle held on 1-3 April 2019 in Mabini, Batangas.
 - Conducted two (2) Hands-on-Arms outreach programs at Mabini, Batangas and Bohol on 13-15 June 2019, simultaneously.
- Support to Philippine Rise/West Philippine Sea Initiatives
 - Philippine Rise Marine Resource Reserve – Protected Area Management Board Meetings (PRMRR-PAMB) Meetings and Management Planning
 - The Bureau participated on the 2nd leg of SECURE PH Rise held on 17-23 May 2019. The activity aimed to continue Biological and Oceanographic Research Expedition in the Benham Bank.
 - Management Planning and consultation workshops/ Technical Working Group Meetings for PRMRR

- The Bureau organized the PRMRR FGD on Non- Fisheries (Mineral and Energy) Resources Management Operation on 16 April 2019 in NAPWC, Quezon City.
- The Bureau also organized the PRMMR FGD on Enforcement and Security held 29 April 2019 in UP Imos
- The Bureau conducted PRMMRR Management Plan Finalization and Consolidation Workshop on 25 June 2019 at Sulo Riveiera Hotel, Quezon City.
- West Philippine Sea (WPS) Survey
 - The Bureau joined the expedition on WPS entitled “PROTECT WPS: Predicting Responses between Ocean Transport and Ecological Connectivity of Threatened Ecosystems in the West Philippine Sea” last 21 April – 6 May 2019.
- Communication, Education, and Public Awareness Activities for WPS/PH Rise
 - Display board on PH Rise was produced as requested by DFA to be showcased in the PSEF on 21-24 May 2019 in New Zealand;
- Snake Island as National Coastal and Marine Center for Research
 - Operational of the Snake Island as Coastal and Marine Center for Research
 - Organized a meeting held on 2 April 2019 about the Snake Island Operational Plan among core group (ERDB, BMB, DENR Region MIMAROPA, PENRO Palawan and CENRO PPS) who agreed to endorse the latest to The Secretary for approval and adoption.
 - The Bureau continuously supporting and providing assistance for the operationalization through PENRO Palawan
- Operationalization of BMB-BFAR Convergence
 - The Bureau conducted BMB-BFAR Convergence meeting on 27-28 June 2019 held at Sulo Riviera Hotel, Quezon City. The agreements during the convergence meeting were as follows:
 - The role of BFAR in PA was defined and emphasized;
 - The draft framework was adopted for endorsement to DENR Central Office through PPS;
 - DENR-BMB to share relevant information needed for management coordination; and
 - DENR-BMB to provide the Technical Bulletin on Costal Ecosystems Habitat Assessment to BFAR.
- Coastal and Marine Related Projects
 - Technical Assistance to the implementation of related projects supported by CMD (SMARTSeas PH, Maritime Archipelagic and Nation Awareness Month (MANA Mo), Marine Wildlife Interaction, Inter-Agency TWGs on MSR, etc)
 - Provided inputs for the amendments to EO 57 (s. 2011);
 - Conducted the Sustainable Coastal Protection Through Biodiversity Conservation in Coastal Ecosystems Affected by Typhoons in the Philippines (ProCoast) Project 1st Steering Committee Meeting on 11 April 2019;

- Four (4) meetings were also conducted to support the implementation of ProCoast Project through finalizing the Project's Implementation Agreement; and
- The Bureau also prepared and updated the working document on the Strategic Action Plan of Coral Reefs, Mangroves, Seagrass and Wetlands Component
- Support to IAMBlueCECAM Program
 - Organized a meeting with ERDB to explore the possibility of overseeing the implementation of the IAMBlueCECAM 2.0 for 2020 through the CMEMP funding. ERDB agreed to oversee the project provided that BMB will provide the funds;
 - Conducted Training Course on Blue Carbon for Policy Makers in the Philippines on 29-31 May 2019.
 - Attended meeting with University of the Philippines on 11 June 2019 to talk about the prior preparations needed for the BCNET Trainings to be conducted this year.
- Support to the implementation of BWM/AFS Convention
 - Attended meeting with MARINA on 6 June 2019 regarding the support of BMB to BWM/AFS Convention

B. INTEGRATED COASTAL AND MARINE PARTNERSHIP

- CMEMP Regional Implementation
 - Integrated Coastal Management
 - Preparation for the conduct of ICM Summit is currently being done. The summit will provide venue for the updating of the status of ICM in the country
 - Meeting with RARE Philippines, as partner organizer, was conducted last 24 June 2019 for the preparation of ICM Summit
 - ICM for AWGCME and CTI Member States
 - Attended workshop on the Development of the Regional Plan of Action 2.0 of CTI-CFF, Meeting of the Monitoring and Evaluation Working Group (MEWG) on the revival and institutional arrangements for CTI Atlas held last 30 April – 2 May 2019 at Novotel Hotel, Manado, Indonesia.
 - GreenFins
 - Strategic and Action Planning Workshop on GreenFins Implementation in Pilot Sites was conducted last 15-17 May 2019; and
 - Participated in the 2nd Philippine Commission on Sports SCUBA Diving (PCSSD) Commissioners Meeting in support to the GreenFins.
- Biodiversity-Friendly Enterprises (BDFEs)
 - BDFE monitoring activities were conducted last 6-11 June 2019 (Tacloban), 10-14 June 2019 (Cebu and Zamboanga) and 17-21 June 2019 (Bicol).
- Turtle Islands Heritage Protected Area (TIHPA)
 - Attended the 1st TIWS PAMB meeting on 15 June 2019 in Turtle Island, Tawi-Tawi.

- CEPA Activities
 - Month of the Ocean



- The Bureau celebrated the Month of the Ocean on May 2019 with this year theme “Free the sea from Marine Debris”. The activity aims to help address the global ocean concern pose by plastic pollution through several initiatives such as information and educational campaigns, collaboration, partnerships and sustainability camps workshops.
- Coral Triangle Initiative
 - Conducted the 4th PH NCC meeting on 12 April 2019;
 - Conducted Science Camp in Anilao, Batangas on 6-11 June 2019; and
 - Recognition of Women in CTI CFF held on 11 June 2019

C. DIRECT CMEMP ACTIVITIES/REGULAR OPERATIONS

- Strengthening of National Social Marketing Strategies of CMEMP (Communication, Advocacy and Partnership Buildings)
 - Statistician was outsourced and engaged to deliver an analysis of the Knowledge, Attitudes and Practices (KAP) Surveys of 23 NIPAS MPAs. The results of the KAP will be used to develop communication strategies for the Communication Plan.
- Attendance to International and Regional Meetings, Workshops, Conferences, Conventions, Learning Event and Preparations of National Reports for MEAs
 - The Bureau attended the ASEAN Regional Forum on Marine Debris Management for Sustainable Fisheries and Food Security in Southeast Asia on 13-15 May 2019 at Intercontinental Hotel, Nha Trang, Vietnam. A workshop was conducted to draft an Action Plan on Marine Debris involving community, youth, government agencies and fishermen. The Bureau through Coastal and Marine Division was tasked to draft Action Plan for the Youth. These sectoral Action Plans will be used for the next ASEAN Leaders’ Meeting.

D. Other Accomplishments

- Support to National Convergence Initiative (NCI)
 - Orientation on ICM was conducted on 25-28 June 2019 in Cagayan de Oro.

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

- **Special Events and Celebrations**

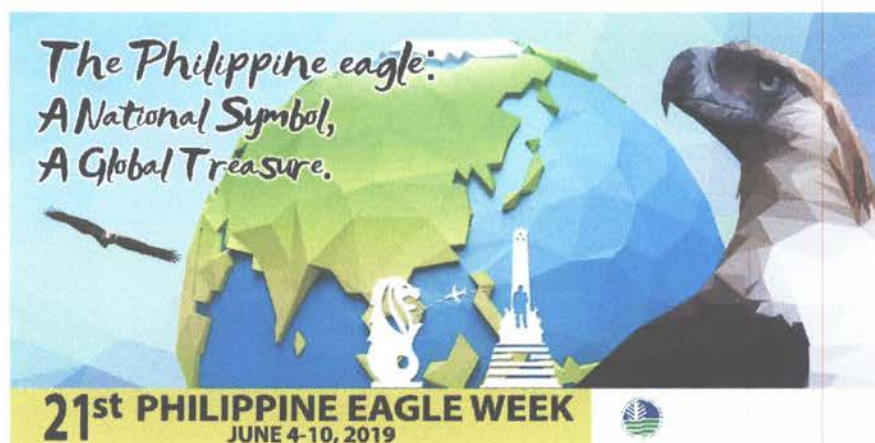
- **International Day for Biological Diversity 2019**

The Bureau joined the celebration of IDBD 2019 with a theme “Our Biodiversity, Our Food, Our Health” held on 22 May 2019. The theme aims to leverage knowledge and spread awareness on the dependency on our food systems, nutrition, and health. The Bureau held Forum on Biodiversity and Health and Samu't-saring Tikim Fair for the partners, and health and biodiversity advocates which was consisted of two (2) simultaneous activities culminating in a Cook Fest and Book Launching.



- **21st Philippine Eagle Week**

The Bureau spearheaded the celebration of the 21st Philippine Eagle Week last 4-10 June 2019. This year theme is “The Philippine Eagle: A National Symbol, A Global Treasure. This year’s celebration highlighted that the Philippine eagle, while endemic to the Philippines is a global heritage that requires the concerted efforts of the international community for its conservation, such that if we lose this bird, the whole world loses.



In line with the celebration, the Bureau co-organized with partner organizations and donor activities, to wit

- Film screening of “Birds of Prey” at UP Town Center on June 3, 2019, SM Downtown Premier, Cagayan de Oro City, Robinson’s Place, Butuan City and SM Lanang, Davao City;
- “Keep them Wild”, an Art Workshop for the benefit of the Ninoy Aquino Parks and Wildlife Center (NAPWC);
- Unveiling of exhibits at SM Downtown Premier, Cagayan de Oro City;
- Art Workshop for IP community with the Philippine eagle as subject at Brgy. Guilang-Guilang, Manolo Fortich, Bukidnon, Brgy. Anticala, Butuan City and ;
- Interactive IECs on Philippine eagle, “Kalabugao” at Brgy. Guilang-Guilang, Manolo Fortich, Bukidnon, Brgy. Anticala, Butuan City and Brgy. Baracatan, Toril, Davao City;
- A Talk on the Philippine eagle at Robinson’s Place, Butuan City;

In connection with the PEW Celebration, a pair of captive-bred Philippine eagles Geothermica (male 15 y/o) and Sambisig (female, 17 y/o), were transported to Singapore on 04 June 2019. The birds came from the Philippine Eagle Center in Davao City and will be diligently transferred to the care of Wildlife Reserves Singapore (WRS)-Jurong Bird Park as ambassadors of Philippine biodiversity. Through a Wildlife Loan Agreement (WLA) between the DENR and WRS, the eagles are expected to generate global awareness on the urgent need for their conservation and to stimulate international support for in-situ conservation in the country.



The signing of the WLA on 20 May 2019 coincided with the 50th year celebration of the Philippines-Singapore Friendship Day. DENR Secretary Roy A. Cimatu and Dr. Cheng Wen-Haur, Deputy CEO and Chief Life Sciences Officer of the WRS signed the historic document with the Ambassador of Singapore to the Philippines, H.E. Gerard Ho Wei Hong and Philippine Ambassador to Singapore,

H.E Joseph del Mar Yap as witnesses, and before DENR Officials, the Philippine Eagle Foundation and the media.

○ **Women's Month**

As a continuation of Women's Month Celebration last March 2019, the Bureau hosted the 3rd Women's Forum with the theme of "Igniting Passion, Finding Fulfillment, Inspiring Stories of Men and Women in Biodiversity" last 2 April 2019.



The forum aims to highlight the accomplishments of men and women leaders in conserving biodiversity and enforcing environmental law. Also, this is to commend their extraordinary efforts on women empowerment in defending the environment.

VIII.Managing the Ninoy Aquino Parks and Wildlife Center

The Bureau continuously managed the 22.7 hectare Ninoy Aquino Parks and Wildlife Center (NAPWC). For the 2nd quarter of CY 2019, a total of 48,420 visitors (male=26,802; female=21,618) were recorded generating a total income of ₱2,282,017.64 from the entrance, parking and rental fees of the park.

IX. Foreign Assisted Projects

A. Biodiversity Finance Initiative (BIOFIN)

- The project continues to provide ways to bridge the funding gaps in protecting and conserving biodiversity. With its 21 identified financial solutions following activities were conducted by the project:
 - "Keep Them Wild" an activity in partnership with Coffee Bean and Tea Leaf and Faber Castell Philippines which aims to create a better home for wildlife. The activity were held last 13 April 2019 and 8 June 2019. Two more same activities will be conducted within the year
 - The project also continues to provide assistance in writing the Biodiversity Finance Plan of Regions 6 and 7. A BIOFIN Methodology Workshop was conducted last 25-27 April 2019. The workshop aimed to mainstream biodiversity into local plans and programs of Negros Oriental, Negros Occidental and Cebu.
 - The project participated in Metro Pacific Investments Foundation's third Shore it Up Weekend at Puerto Galera last 1-2 June 2019.

- The project also worked to get Globe Telecom as a partner for biodiversity protection and conservation. GCash will help WWF Philippines through crowd funding, on reforestation of Ipo watershed. Also, GCash Forest was launched and aims to plant 365,000 trees in 365 days.

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

- The IWT project was launched and rolled out in project sites in Region 13 on 30-31 May 2019 in Butuan City and 13-14 June 2019 in Cebu City for Region 13. These covered knowledge-sharing and information around the state of IWT and law enforcement in the Philippines, and validating the IWT project objectives, outcomes, outputs and activities in the context of both regions. Mindanao and Visayas-wide stakeholder consultations/workshops, facilitated by environmental lawyers, on proposed revisions to the 17-year Wildlife Resources Conservation and Protection Act of 2001 (Republic Act 9147) were also conducted back-to-back with the regional launches.

C. USAID-Protect Wildlife Project

- The project support the finalization of Auroro BSAP. An orientation with the DENR Region 3 representatives were conducted last 2-3 May 2019.

X. Other Major Accomplishments

- **Manila Bay Rehabilitation Program**

The Bureau conducted a Dalaw Turo among children living near the Tullahan River, one of the Manila Bay's tributaries last 27 April 2019. The Dalaw-Turo focused on sharing best practices on solid waste and marine plastic debris. It aims to influence change in attitude and behavior among the children participants towards single-use plastic products and the four Rs of waste prevention: Refuse, Reduce, Reuse, and Recycle. Volunteers from the Bureau's different divisions were assisted by the local government unit of Baranggay Bayan-bayanan, Malabon City during the program.



- **Forest Cover Change Analysis and Mapping**

The Biodiversity Management Bureau is collaborating with the Center for Conservation Innovations (CCI) for the implementation of the "Forest Formation and Change Detection Maps and Analysis" project for 32 Protected Areas. The project aims to develop a map of forest formations in selected protected areas (PAs) and do analysis of forest cover change inside PAs and their buffer zones (one km outward from the PA boundary).

In preparation for the said project, following training were conducted:

- Training on Ground Truthing through Flora and Aerial Surveys on 1-4 April 2019

The Bureau also assisted in the Ground Validation of Forest Formation and Change Detection Maps and Analysis in Northwest Panay Peninsula Natural Park last May 6-10 and in Quirino Protected Landscape and Casecnan Protected Landscape last 20-27 May 2019.

- **Statistical Services**

- Received the 2019 1st Quarter Statistical Report and complied the said documents of Regions 1,2,6,9,10,11,12, 13 and NCR

- **Mainstreaming Biodiversity Across Sectors**

- In line with the implementation of PSBAP, a round table discussion on the mainstreaming of biodiversity in the infrastructure sector was conducted last 19 June 2019.
- The Bureau also continues to mainstream biodiversity in Mining. A Consultation Meeting on the Draft Policy Framework for the Integration of Biodiversity in Progressive Rehabilitation Activities in Mining Areas was held last 04 June 2019.