



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](mailto:bmb@bmb.gov.ph)

**JAN 17 2020**

**MEMORANDUM**

FOR : The Undersecretary for Legal, 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  
4<sup>th</sup> QUARTER OF CY 2019**

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We are pleased to submit the Accomplishment Report of the Biodiversity Management Bureau for the 4<sup>th</sup> 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



**BMB201904284**



**United Nations Decade on Biodiversity**

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

**Accomplishment Report  
4<sup>th</sup> 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 October to December 2019:

**I. Formulation/Preparation/Review of Policies and Guidelines**

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

- Draft Guidelines for Sustainable Development Planning and Management;
- Draft DAO on Adopting the Cave Management, Protection and Conservation Strategy and Action Plan (CMPCSAP) 2019-2028;
- DAO on Cave Management, Protection and Conservation Program
- Draft Land Management Bureau (LMB) Technical Bulletin Re: Procedures on the Validation, Segregation Survey and Turnover of Identified Lots in the Island of Boracay Under Land Reform;
- Draft DENR Memorandum Circular (DMC) Re: Supplemental Procedures on the Issuance, Processing and Approval of Survey Authority, Survey Plans and Public Land Applications (PLAs) Covering Lots in the Provinces of Sarangani, South Cotabato and Palawan;
- Draft East Asia Summit (EAS) Leaders' Statement on Partnership for Sustainability;
- Draft of the proposed MOA between the Cagayan Economic Zone Authority (CEZA) and the DENR for Nangaramoan Beach and Palau Island;
- Draft DENR Administrative Order regarding Prescribing Guidelines and Standards in the Establishing and Use of DENR Control Map;
- SB No. 2098/HB No. 6276, HB 141&142, 215, 632, 671, 672, 673, 728, 888, 900, 918, 963, 1076, 1127

**II. Establishing and Managing Protected Areas**

- Provided comments and recommendations on the Protected Area Suitability Assessment Report of the following:
  - Magapit Protected Landscape



- Proposed Mt. Pantaron Range Natural Park
- Proposed Bacolod-Kauswagan Protected Landscape and Seascape
- Paoay Lake
- Reviewed the PA Management Plan of the following:
  - Mts. Igliit-Baco Natural Park
  - Mt. Timolan Protected Landscape
  - Bangan Hill National Park
  - Mt. Timolan Protected Landscape
  - Buenavista Protected Landscape
  - Bangan Hill National Park
  - Paoay Lake NP
- Reviewed the SBR of the following:
  - Sarangani Bay Protected Seascape
  - Mt. Inayawan Range Natural Park
  - Mt. Hamiguitan Range Wildlife Sanctuary
  - Mt. Kitanglad Range Natural Park
- Reviewed the IPAF Collection reports of the following Protected Areas:
  - Aliwagwag PL
  - Northern Negros Natural Park
  - Manleluag Spring PL
  - 1<sup>st</sup> Quarter Reports on IPAF Collection of TVPL for CY 2019
  - 1<sup>st</sup> Quarter Reports on IPAF Collection AWA for CY 2019
  - IPAF Report of Mt. Guiting-Guiting Natural Park for 2<sup>nd</sup> Quarter CY 2019
  - Utilization of the 75% retained income of El Nido-Taytay Management Resource Protected Area
  - Report on Revenue Generated of Bulusan Volcano NP for 3<sup>rd</sup> Quarter of CY 2019
  - Report on Revenue Generated of Juban-Magallanes WFR for 3<sup>rd</sup> Quarter of CY 2019
  - Report on IPAF Collection of LCNP for the 1<sup>st</sup> Quarter of CY 2019
  - Monthly report of collections and deposits of Northern Negros NP for the month of September 2019
  - MHRWS Revenue Collection Report for the months of August and September 2019
  - Report on IPAF Collection and Deposits of MHSPL for the 3<sup>rd</sup> Quarter of CY 2019
  - IPAF Collection report of the PBPLS for the period January to August 2019
- Reviewed/Acted on the following report on SRPAO/SEAMS:
  - Status Report of SEAMS of CIPLS for 3<sup>rd</sup> Quarter of CY 2019
- Reviewed the BMS report of the following:
  - 2<sup>nd</sup> Semester Report of MANP
  - 2<sup>nd</sup> Semester Report of MHSPL
  - 4<sup>th</sup> Quarter Report of Bessang Pass
  - 3<sup>rd</sup> Quarter Report of ILPLS
  - 3<sup>rd</sup> Quarter Report of Catanduanes
  - 3<sup>rd</sup> Quarter Report of CAMMSFR/WA

- 3<sup>rd</sup> Quarter Report of Bessang Pass NM
- 3<sup>rd</sup> Quarter Report of Kalbario-Patapat NP
- 3<sup>rd</sup> Quarter Report of Manleluag Spring PL
- 3<sup>rd</sup> Quarter Report of Balingao PLS
- 3<sup>rd</sup> Quarter Report of Mangrove Areas from Liangan River to Lipatan River of the Municipality of Lapayan
- 3<sup>rd</sup> Quarter Report of Mimbilisan PL
- 3<sup>rd</sup> Quarter Report of Mt. Inayawan Range NP
- 3<sup>rd</sup> Quarter Report of Mt. Kitanglad Range NP
- 3<sup>rd</sup> Quarter Report of Aliwagwag PL
- 3<sup>rd</sup> Quarter Report of Mati PL
- 3<sup>rd</sup> Quarter Report of Mt. Apo NP
- 3<sup>rd</sup> Quarter Report of Agusan Marsh WS
- 3<sup>rd</sup> Quarter Report of Alamio, Buayan, Carac-an, Panikian River and Sipangpang Falls WFR
- 3<sup>rd</sup> Quarter Report of Andanan WFR
- 3<sup>rd</sup> Quarter Report of Cabadbaran Watershed
- 3<sup>rd</sup> Quarter Report of Siargao PLS
- 3<sup>rd</sup> Quarter Report of Surigao WFR
- 3<sup>rd</sup> Quarter Report of Salinas NM
- 3<sup>rd</sup> Quarter Report of Aklan River WFR
- 3<sup>rd</sup> Quarter Report of Camotes PLS
- 2<sup>nd</sup> Quarter Report of Fuyot Springs NP
- 2<sup>nd</sup> Quarter Report of Simbahan-Talagas PL
- 2<sup>nd</sup> Quarter Report Central Cebu PL
- 1<sup>st</sup> Quarter Report of BIWA
- 1<sup>st</sup> Quarter Report of Mts. Iglit-Baco NP
- 1<sup>st</sup> Quarter Report of Caramoan NP
- BMS Report of Murcielagos PLS
- BMS Report of Turtle Island
- BMS Report of Siocon RR
- 
- Reviewed the BAMS Report of the following:
  - 2<sup>nd</sup> Quarter CY 2019 Report on the Conduct of BAMS within Tumauni Watershed Natural Park
  - Final BAMS Report of Lower Agno WFR
  - Updated Report on BAMS on Terrestrial Ecosystem in Central Cebu Protected Landscape
- Reviewed the METT Report of the following:
  - Tumauni Watershed Natural Park
- Reviewed/Acted on the following MOA/SAPA:
  - Philnew Hydro Power Corporation within Tumaunin Watershed National Park;
  - Approved Special Use Agreement in Protected Areas (SAPA) of Mts. Marites B. Allen for the Development of an Ecotourism Project in El Nido-Taytay Managed Resource Protected Area
- Reviewed the following SAPA/MOA Proposals:

- Application of National Grid Corporation of the Philippines (NGCP) for a Special Use Agreement in Protected Areas (SAPA) for Submarine Power Cables Within the Tañon Strait Protected Landscape and Seascape
- Application for SAPA of Philnew Hydro Power Corporation (PHPC) for its proposed 11.3 MW Hydroelectric Power Project (HEPP) located in Barangay Antagan Uno, Tumauni, Isabela within the Tumauni Watershed Natural Park (TWNP)
- Proposed Powerhouse and Weir of the Pampang Hydropower Project;
- Proposed widening of Napolidan Bridge in Lupi, Camarines Sur within Bicol Natural Park;
- Proposed Hydro-Electric Power Plant Projects to be located in Samar Island Natural Park
- Monitored the following Ecotourism sites:
  - Cuatro Islas PLS
  - Lake Danao NP
  - Guian Marine Resource PLS
  - Agusan Marsh WS
  - Siargao Island PLS
  - Tinuy An Falls PL
  - Mt. Timolan PL
  - Selinog Island PLS
  - Aliguay Island PLS
  - Great and Little Island Sta. Cruz PLS
  - NAPWC
  - LPPCHEA
  - Mt. Apo NP
  - Mt. Hamiguitan Range WS
  - Pujada Bay PLS
  - Mati PL
  - Quezon PL
  - PP 136
  - Maulawin Spring PL
  - Buenavista PL
  - El Nido-Taytay MRPA
  - Malampaya Sound PLS
  - Mabini PLS
- Conducted the following Learning Events/Trainings:
  - IPAF Coaching and Mentoring for Region 3 held on October 2019
  - Roll-out of the Implementing Rules and Regulations of the ENIPAS and the NPASMP (Western Mindanao Cluster) held on 4-9 November 2019
  - Roll-out of the Implementing Rules and Regulations of the ENIPAS and the NPASMP (Eastern Mindanao Cluster) held on 18-23 November 2019
  - IPAF Coaching and Mentoring in Region XI held on 24-27 November 2019
  - IPAF Coaching and Mentoring in MIMAROPA Region held on 28-29 November 2019



### **III. Cave Management and Conservation Program**

- Conducted the National Cave Committee Operations 30<sup>th</sup> meeting last 2 December 2019;

### **IV. Wetland Conservation and Management Program**

- Conducted the 4<sup>th</sup> National Inland Wetlands Technical Working Group meeting last 11-12 October 2019;
- Participated in the monitoring of Boracay Wetlands last 11-12 October 2019 in Boracay Island, Malay, Aklan;
- Conducted a Refresher Course on Waterbird Identification and Counting on 5-7 November 2019;
- Conducted the 3<sup>rd</sup> Ramsar Sites' Managers Meeting in Zamboanga Sibugay on 26-29 November 2019;

### **V. Protection and Conservation of Wildlife**

#### **A. Wildlife Trade Regulation**

- For the 4th Quarter of CY 2019, the Bureau was able to process and issue a total of 164 CITES permits (export=100, re-export=7, import=57) generating a total income of ₱609,576.84.

#### **B. Wildlife Law Enforcement**

- Continuing its fight against ivory trade, several activities were conducted by the Bureau. For the 4th Quarter of CY 2019, the Bureau conducted ten (10) cyber surveillances and four (4) foot-surveillances. Three (3) actual law enforcement operations against violators on which confiscations of 16 wildlife species 16 kilos of derivatives 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 administrating concerns of the Palawan Wildlife Rescue and Conservation Center (PWRCC) – Crocodile Farming Project, and the National Wildlife Rescue and Rehabilitation Center (NWRRC).

- **In situ Conservation**

- Reviewed 44 reports submitted by the DENR Regional Offices regarding monitoring/sightings of Philippine Eagle

- o Reviewed the field monitoring report of three (3) nesting sites found in Sarangani Bay, Masbate and San Juan Batangas
- o Reviewed the field monitoring report of Flying foxes found in Hundred Island, Pangasinan
- o Conducted Project Development on Plant Conservation Assessment last November 2019
- o Conducted the AWC Coordinators Meeting cum Workshop last 3-4 December 2019
- o Provided recommendations and/or inputs to the proposed critical habitat establishment of the following:
  - Cantugas Critical Habitat for *Rafflesia mixta* in Cantugas, Mainit, Surigao del Norte
  - Nopol Hills (Bonbon Island, Doot-Poktoy, Imelda CH, Carmen CH and Guibonon CH)
- o Reviewed the Critical Habitat Management Plan for Philippine Crocodile in Brgy. Kuyapon, Kabacan, North Cotabato
- o Monitored the following critical habitats
  - Carmen CH
  - Adams Wildlife CH
  - Malasi Tree Park and Wildlife Sanctuary
- **Ex situ Conservation**
  - o Animal Inventory.
    - For 4<sup>th</sup> Quarter of CY 2019, WRC houses a total of 1,200 different animals composed of 47 arthropods, 187 mammals, 448 birds and 518 reptiles.
  - o Disposition of rehabilitated animals
    - Assessed Aurora Memorial National Park as proposed site for released last October 2019;
    - Released the following wildlife to their natural habitat:
      - One (1) Green Sea Turtle released in Nagbalayong, Morong, Bataan last 01 October 2019
      - 57 heads of various species of animals were released in Aurora Memorial National Park last 14-18 October 2019

#### **D. Capacity Building**

- The Bureau conducted orientation-seminar on National and International Policies on Ivory and Wildlife Trade last 23 October 2019 at Reyna's The Haven and Gardens, Tagbilaran City, Bohol to support the Stop Illegal Wildlife Campaign in airports and seaports
- Conducted the Training of Trainers for Regional Training Pools last December 2019;

- Conducted Training on Identification of Wildlife Products and derivatives (focusing on reptile skins) and Techniques on Monitoring of Breeding Facilities last 3-5 December 2019

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

- Convention on Biological Diversity
  -
- Convention on Migratory Species (CMS)
  - Conducted meeting cum workshop on the preparation of CMS COP13 last 01 October 2019 in Axiaa Hotel and Brentwood Hotel

### **VI. Coastal and Marine Ecosystems Management Program**

#### **A. COASTAL AND MARINE ECOSYSTEMS MANAGEMENT**

- Popularization and roll-out of policies/guidelines
  - Different posters of policy briefs about coastal and marine were produced for distribution to DENR regions. Policy briefs include Manpower Development of DENR Coastal and Marine; Maintaining Coastal Integrity; Efficient Mangrove Monitoring; Scaling-up Livelihood Initiatives into Biodiversity-Friendly Enterprises; Ridge-to-Reef-to-Reef Protection; Integrated Marine Management; Inclusion of Deep Reefs in MPA Design and Monitoring; Saving the Remaining Philippine Coral Reefs; and Management of Ecologically Connected Marine Protected Areas.
- CMEMP Regional Implementation
  - The Bureau assisted in the habitat assessment of Snake Island with ERDB and PENRO Palawan
  - Management Planning and consultation workshops/ Technical Working Group Meetings for PRMRR
    - The Bureau conducted PH Rise Strategic Planning Workshop on November 27-29, 2019 at Red Hotel, Quezon City to strategize and regine the Philippine Rise Integrated Conservation for Enduring Legacies through Ecosystem Support Services (PRICELESS) Project Proposal for submission to the Global Environment Facility in early 2020. In collaboration with BFAR (Central, Regions 2, 3, 4a, and 5) and Conservation International Philippines
  - Communication, Education, and Public Awareness Activities for WPS/PH Rise
    - Conducted PRMRR Communication Strategic Communication Plan Workshop on November 13-15, 2019 at Sulo Riviera Hotel, Quezon City. This was facilitated to develop a communication plan which will serve as a guide and support in the creation of activities in increasing stakeholder awareness and literacy on the ecological and economic value of the PRMRR.
- Operationalization of BMB-BFAR Convergence



- o Attended BFAR Fisheries and Resiliency Project Concept Writing on November 5-6, 2019 at B Hotel, Quezon City.
- o Conducted BFAR-BMB Convergence 4th Quarter Meeting and Planning Workshop on December 10-11, 2019 at Microtel by Wyndham, UP Technohub, Quezon City. It was discussed here the prioritization of convergence milestones and identification of convergence activities for 2020. and mini workshop developing the documents to support said activities
- Coastal and Marine Related Projects
  - o 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)
    - Assisted in the habitat assessment of Lanuza Bay on October 13-18, 2019
  - o Support to IAMBlueCECAM Program
    - Conducted Blue Carbon Citizen Workshop on October 24-26, 2019 at Astoria Hotel, Boracay, Aklan. This is in partnership with the University of the Philippines - Marine Science Institute (UP-MSI). participants were from different agencies including LGU Aklan and Boracay, DOT Region VI, PENRO Aklan, CENRO Boracay, and Red Cross Youth Aklan.
    - Conducted Blue Carbon Strategy Workshop on October 28-29 at Prime Hotel, Quezon City.
  - o Grande Island Reconnaissance survey
    - Conducted Coordination Meeting with SBMA and Site Visit to Grande Island on October 23-25, 2019 at Olongapo, Zambales.

## **B. INTEGRATED COASTAL AND MARINE PARTNERSHIP**

- CMEMP Regional Implementation
  - o GreenFins
    - Green Fins Conference conducted last November 20-24 at the Crown Regency Hotel and Towers, Cebu City
- Biodiversity-Friendly Enterprises (BDFEs)
  - o Downloaded the following:
    - Biri Larosa PLS – PhP 1,802, 100.00
    - Guiuan Marine Reserve PLS – PhP 1,085,500.00
    - Sarangani Bay PS - PhP 838,400.00
    - VIP – PhP 2,197,000
  - o Business Development Services (BDS) Training - Mindanao Cluster A conducted last November 10-16 at The Ritz Hotel, Davao City
  - o Business Development Services (BDS) Training Mindanao Cluster A conducted last 1-7 December 2019 at the LM Metro Hotel, Zamboanga City and BDS Training Visayas Cluster conducted last December 8-14, 2019

- CEPA Activities
  - o Support to Manila Bay Implementation/TuTi Rehabilitation
    - The Bureau conducted clean ups last October 19 and 26 2019 and November 16 and 23 in adopted brgys of Malabon.
    - Conducted Eco-bricking and Solar Lamp making workshop to the 14 Brgys. of Malabon as part of the rehabilitation efforts of for the Tullahan - Tinajeros River System last December 3 - 5, 2019
- Conduct of National Consultation on Marine Litter NPOA
  - o Preparatory Meeting cum Workshop on the drafting of NPOA was conducted last November 22-25 at the Sulo Riviera Hotel, Quezon City

### C. DIRECT CMEMP ACTIVITIES/REGULAR OPERATIONS

- Monitoring and Evaluation
  - o BMB facilitated the evaluation and selection of five finalists for the NIPAS MPA category. The selected five finalists presented their areas as part of the selection process last 23 October 2019 in SEMEO INNOTECH, Diliman, QC.

Winners are as follows:

1. Apo Island Protected Landscape and Seascape
2. Palau Island Protected Landscape and Seascape
3. Batanes Protected Landscape and Seascape
4. Hundred Island National Park
5. Siargao Island Protected Landscape and Seascape

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

- Special Events and Celebrations
  - o **World Migratory Bird Day**

The Bureau co-organized the Celebration of World Migratory Bird Day 2019 with Society for the Conservation of Philippine Wetlands (SCPW) at LPPCHEA on 12 October 2019. The activity "Click it, Sketch it" includes Bird Watching, Bird Photography, Sketching and Story Telling for children

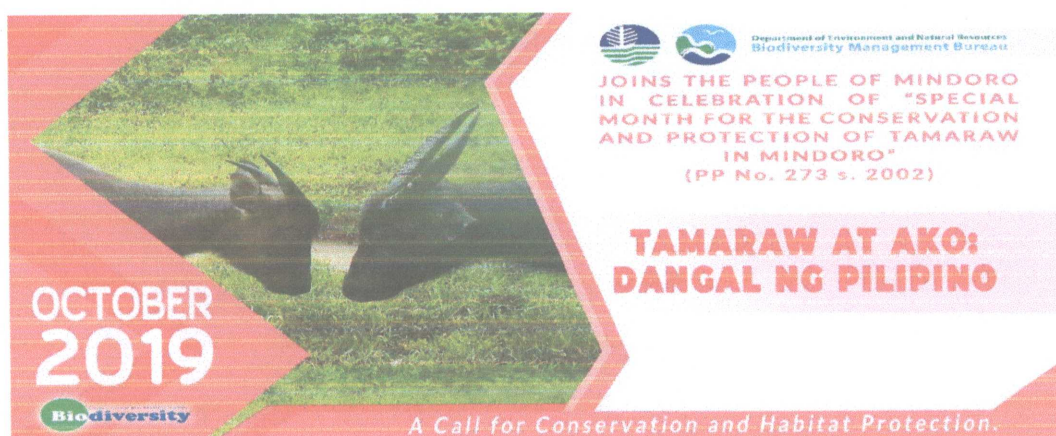




#### o Tamaraw Month

The Bureau joined the celebration of Tamaraw Month. This year theme is “Tamaraw at Ako: Dangal ng Pilipino”. This year’s celebration reflected the aspirations of the Filipino people for the Tamaraw and the commitment to conserve, in behalf of humanity, of this unique world heritage. The Tamaraw (*Bubalus mindorensis*) is the largest land animal native to the Philippines and categorized as critically endangered species.

DENR-UNDP BIOFIN Project also showed an extinction film documentary last 30 October 2019. The film aimed to solicit funds for the Tamaraw rangers in Mts. Iglit Baco National Park



### 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 4<sup>th</sup> quarter of CY 2019, a total of 70,499 visitors (male=34,024; female=36,445) were recorded generating a total income of ₱2,311,748 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:
  - o DENR-BIOFIN facilitated one (1) workshop – “Financing Western Visayas Biodiversity Strategy and Action Plan 2020-2028” which was participated in by 73 participants from the LGU, academe, DENR, national government agencies, NGOs, service providers, PhilBio, and DENR-BMB. The workshop increased participants’ knowledge on the BIOFIN methodology particularly the Biodiversity Expenditure Review (BER) and Energy Regulation 1-94 (access to earmarked funds) which is one of BIOFIN’s finance solutions, and how participants could



apply these to their respective provinces. The workshop also featured presentations which aim to equip participants in finalizing their BSAP.

- o BIOFIN co-organized the fourth tranche of Keep them Wild 4 which is anchored on Tamaraw Month. It was participated in by 25 attendees most of which are Far Eastern University (FEU) students.
- o The first BDET workshop was conducted on November 27, 2019 at the BMB participated by 3 out 5 divisions - Coastal and Marine Division (CMD), Biodiversity Policy and Knowledge Management Division (BPKMD), and Caves, Wetlands, and other Ecosystems Division (CAWED).
- o The Project met with DILG to discuss their role in the implementation of BIOFIN's Finance Solutions FS: mainstreaming BD in LGUs, ER 1-94, ecological fiscal transfer on December 16, 2019

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

- The 2nd Project Steering Committee Meeting was conducted last 4 October 2019 which discussed the project implementation and issues with Project Steering Committee members and solicit guidance on project implementation. The PSC asked the TWG to look into other interventions that may reduce poaching/demand, look at other taxonomic groups for future studies and discuss and evaluate whether the first indicator in the DMF is still appropriate.
- A National Workshop on ICCWC Indicator Framework was conducted 16-17 October 2019 to provide a comprehensive analysis of the countries' preventive, and criminal justice responses to wildlife and forest crimes. The result of the workshop showed that intelligence led approaches to investigate IWT scored the lowest followed by appropriate penalization of IWT and holistic approach to combat IWT.
- On capacity gaps assessments, work on the draft survey started last September 2019. The Implementation of the TNA began on 12-13 December 2019 with a project brief in Butuan and Cebu.

#### **C. USAID-Protect Wildlife Project**

- The project held a workshop from October 14 to 16, where around 45 municipal officers and concerned staff members from Sarangani attended, along with community partners, hatchery managers and private partners. Protect Wildlife provided technical guidance and, together with site-based partners, an opportunity to assess the condition of marine turtle hatcheries in the bay; assess current local capacities in managing these hatcheries; rectify improper practices and provide re-tooling; and localize protocols based on national standards.
- From October 13 to 18, more than 40 park rangers of the Puerto Princesa Subterranean River National Park in Palawan attended an enforcement capacity-building workshop to enhance their skills and knowledge on substantive laws and

policies focusing on wildlife, forestry, protected areas, chainsaws, environmental laws, applicable city ordinances, administrative orders of the Palawan Council for Sustainable Development (PCSD), searches and seizures, and rules on arrests, among others.

- Last November in Puerto Princesa City, about 30 partners and stakeholders of the USAID Protect Wildlife project learned about the value and uses of Wildlife Insights—an innovative new platform that combines field and sensor expertise, cutting-edge technology, and advanced analytics to enable people everywhere to share wildlife data and better manage wildlife populations. Most protected areas in the Philippines currently do not have standardized systems in place to monitor changes in wildlife populations, making it difficult to assess the effectiveness of conservation interventions. By using Wildlife Insights, Protect Wildlife and Conservation International will support the PCSD and DENR, local government units to develop site-relevant analysis that are tailored to their needs.



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

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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 Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
3.2.5. Maintenance of Internet Access Points including IP Telephony	Internet Access Points maintained	25	25	25	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	1	1	1		
3.2.7. Repair and maintenance of BMB computers and other IT equipment	computers and IT equipment maintained/repared	15	15	15	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												
3.3.2. Development of IT Disaster Backup and Recovery Plan	IT Disaster Backup and Recovery Plan developed, approved and implemented				1					0		0	1		
3.3.3. Preparation and submission of necessary reports (e.g. FOI, 8888 hotline)	Reports prepared and submitted (no)	2	2	2	2	2	2	2	2	2	2	2	2		
4. Updating/populate database on caves, wetlands and BD-friendly	database maintained/updated	1	1	1	1	1	1	1	1	1	1	1	1		
4.1. Caves	IT/technical personnel hired	3	3	3	3	3	3	3	3	3	3	3	3		
4.2. Wetlands															
4.3. BD-friendly															
5. Updating and production of integrated maps (on caves, wetlands & other important biodiversity areas)	maps updated/produced	1	1	1	1	1	1	1	1	1	1	1	1		
6. Capacity Building															
1.1. Hands-on Training on Content Management System and Website Maintenance for BMB Website	Trainings conducted	1				1				0		0			
1.2. Training/Workshop on Data Uploading and Maintenance of the BMB Transparency Seal		1				1				0		0			



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 Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
1.3. Hands-on Training on Content Management System and Website Maintenance for Protected Area Superintendent (PASu) or designated Staff											
1.4. Hands-on Training on Advance Topics in Microsoft Office Productivity Software											
<b>II. GEOGRAPHIC INFORMATION SYSTEM</b>											
1. Update and production of integrated maps	maps produced										
1.1. Protected Areas											
1.1.1. Regional		1	1	1	1	1	1	1	1		
1.1.2. National		1	1	1	1	1	1	1	1		
1.2. Critical Habitat		1	1	1	1	1	1	1	1		
1.3. Ecotourism Sites		1	1	1	1	1	1	1	1		
1.4. Wetland Areas		1	1	1	1	1	1	1	1		
1.5. Caves		1	1	1	1	1	1	1	1		
2. Attendance to trainings/seminars/workshops/meetings and other activities related to GIS	trainings/seminars/workshops meetings attended										
<b>III. STATISTICAL SERVICES</b>											
1. Compilation/consolidation and review of statistical reports on protected areas and wildlife resources	Statistical Reports reviewed/ consolidated, compiled and acknowledged										
2. Compilation and Uploading to BMB Website, production and distribution of Protected Areas and Wildlife Statistical Yearbook for 2016	Protected Areas and Wildlife Statistical Yearbook for 2016 compiled and uploaded to BMB website	1				0	1	0			
3. Attendance to trainings/seminars/workshops/meetings and other activities related to statistics	trainings, seminars, workshop attended					0	6	0			
4. Support to the National Statistical Month celebration	Statistical month celeb assisted				1	0	0	0	1		

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 Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
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	1						1		
2. Celebration of special events															
2.1 World Wetlands Day (February 2)	no. of events activities conducted	1					1								
2.2 IDBD (May 22)			1								1				
2.3 World Wildlife Day (March 3)	report submitted														
2.4 World Migratory Bird Day (October 13)	report submitted						1						1		
2.5 Philippine eagle week (June 4-10)	report submitted			1											
2.6 Provision of assistance in the preparation of Tamaraw Month Celebration						1								1	
3. Printing/production of campaign collaterals (Calendars/panphlets/brochures/flyers on caves, wetlands, and/or other important biodiversity areas e.g. urban biodiversity and agrobiodiversity)	no. of collaterals produced/ printed					3000	1000			1505					
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	750			1000			750		
5. Pilot-testing of institutional brand book	no. of sites pilot-tested with report submitted				1		1				1				
	no. of meetings/consultations conducted with report submitted		1			1				2					



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

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Department: ENVIRONMENT AND NATURAL RESOURCES  
 Agency: OFFICE OF THE SECRETARY (OSEC)  
 Operating Unit: BIODIVERSITY MANAGEMENT BUREAU  
 Program/Project/Activity: Legal Services Including Operations Against Unlawful Tiling of Public Land

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	REMARKS
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
<b>PROGRAMS</b>											
<b>SUPPORT TO OPERATIONS</b>											
<b>LEGAL SERVICES INCLUDING OPERATIONS AGAINST UNLAWFUL TITLING OF PUBLIC LAND</b>											
1. Preparation of Reports/Investigation/evaluation of cases/contracts related to PAs, wildlife and coastal and marine	No. of cases/contracts reviewed and evaluated	5	3	4	5	74	179	33	99		
	No. of investigations conducted	1	3	2	2	2	1		2		
2. Attendance to hearings on PA bills, budget hearing, and other legal fora	Hearings attended Documents prepared	10	15	21	12	39	3	2	4		
							5	2	4		
3. Attendance and participation as spokesperson in trainings/seminar/workshops/local travels/ocular inspections	Reports submitted	5	5	5	5	12	8	8	3		
> MCLE					1				1		
> International travels	Reports submitted		as needed								



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

10		PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
PROGRAMS			1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
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		1						1		
		no. of meeting/consultation conducted with report submitted		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				1			1			
		No. of meetings conducted with report submitted		1								
1.4. Manual on Urban Biodiversity Inventory and Assessment		Manual finalized and endorsed to BMB-TRC				1					1	
		no. of meeting/consultation conducted with report submitted		1	1			1	1			
1.5. Guidelines in the Sustainable management of Peatlands sites		draft policy endorsed to OSEC				1					1	
		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				1				1		



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Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

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

10	PERFORMANCE INDICATOR	TARGET								Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
	no. of meeting/consultation conducted with report submitted	1		1			2				
	draft policy endorsed to OSEC			1					1		
1.7. Guidelines on the Recognition of Biodiversity-Friendly Enterprises (BDFEs)	no. of meeting/consultation conducted with report submitted		1	1		1	2				
1.8. National Policy on Wetland Conservation and Management	draft policy endorsed to OSEC				1				1		
	no. of meetings conducted with report submitted		1		1		2				
<b>2. Protected Area Management</b>											
2.1. Finalization of the IRR of the NIPAS Act, as amended	DAO endorsed to OSEC	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 for approval			1							1
2.4. Inputs to the Integration of BMS and Lawin	TB endorsed for approval		1			1					
<b>3. Wildlife Conservation and Management Program</b>											
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 Draft DAO endorsed to OSEC		1	1	1			1	2		
3.2. Establishing certain areas as Critical Habitat											1
3.3. Development of IAS Risk Assessment Protocol	No. of meetings conducted	1	1								
	Technical Bulletin on IAS risk assessment protocol approved			1					1		
3.4. Standards in the collection of samples for DNA barcoding/wildlife forensic purposes	Technical Bulletin approved	1								1	



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

10	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
3.5. Adoption of the National Invasive Species Strategic Action Plan by DA and DENR	no. of meetings conducted Joint Administrative Order endorsed for approval by DA and DENR	1	1							1	
3.6. DAO on the Adoption of the Wildlife Law Enforcement Action Plan (WILLEAP)	WILLEAP endorsed to OSEC	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 and BD-friendly enterprises/practices	list of related/relevant information, materials, policies, plans and programs gathered					4					
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	90%	90%	90%	90%	90%	100%	100%	90%		
2. Review of PA Bills/Congressional Resolutions	Percentage of PA Bills reviewed Percentage of meetings/hearings attended	90% 90%	90% 90%	90% 90%	90% 90%	90% 90%	100% 100%	100% 100%	90% 90%		
3. Review of proposals regarding Protected Areas	Percentage of proposals reviewed	100%	100%	100%	100%	100%	100%	100%	100%		
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	3	3	18	9	9		
5. Review of research/project proposals submitted by various entities/institutions	proposals reviewed GP prepared	3	3	3	3	3	8	9	6		
6. Preparation of partnership agreements	MOAs/MOUs prepared		As necessary	As necessary			1	1	3		



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

10	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
7. Drafting of conservation and management plans for threatened species (dugong, marine turtle, flying fox)	meetings/workshops conducted	1	2	2	1	2				4	
	Species Conservation and Management Plan drafted				2			3	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)		1		1	1					
<b>IV. Monitoring of Plans/Programs/Projects on Biodiversity Conservation</b>											
1. Review and consolidation of accomplishment reports	Monthly reports submitted	3	3	3	3	3	3	3	3		
	Quarterly reports submitted	1	1	1	1	1	1	1	1		
	Annual Report submitted				1	1					
2. Monitoring/assessment of programs and projects on biodiversity conservation	Regions/sites visited			10	6			7	8	1	
	Field reports prepared and submitted to OD			10	6			1	4	11	
<b>V. Implementation/Coordination of Foreign Assisted Projects</b>											
1. Biodiversity Finance Initiative (BIOFIN), Biodiversity Corridor, ProCoast, SMARTSeas, etc	Meetings/Workshops attended	1	2	2	2	1	4	2	2		
2. Supervision of and Technical Assistance to ICCA Projects	No. of meetings/workshops attended	1	1	1	1	17	5				
3. ADB -GEF Project "International Wildlife Trade: Combating Environmental Organized Crime in the Philippines"	No. of meetings conducted	1	1	1	1	1	1		1		
	Minutes of the Meeting drafted	1	1	1	1	1	1		1		
	Quarterly reports submitted	1	1	1	1			2			
4. USAID-Project Wildlife Project	No. of meetings conducted	1	1	1	1	1	1	1	1		



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

10	PERFORMANCE INDICATOR	TARGET								ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
	Minutes of the Meeting drafted Quarterly reports submitted	1	1	1	1	1	1	1	1	1	1	1	1		
		1	1	1	1	1	1	1	1	1	1	1	1		
	5. Attendance to BMB-FAPS and DENR-FASPS - related meetings, workshops, conferences such as :														
	a. Official Development Assistance Portfolio Review	1	1			1		1							
	b. FASPS Implementation Annual Performance Review														
	c. Special Projects Technical Working Group	1	1	1	1	1	1	1	1						
	d. BMB FAPS Coordination/ Complementatation														
	e. BMB FAPS Project Board/ Steering Committee	1	1	1	1	1	1	1	1	1	1	1	1		
	f. UNDP HACT Audit/ Micro Assessment														
	g. Other FAPS/ CC - related meetings/ workshops as maybe assigned		1	1	1	1		1	1	1	1	1	1		
	6. Coordinate the preparation of CY 2018 ODA Portfolio Review report					6									
	7. Coordinate the preparation of news articles on BMB FAPS		5	5	5	5	5	5	5				5		
	8. Hiring of contractual staff		1	1	1	1	1	1	1				1		
	<b>VI. Capability Building</b>														
	1. Attendance to training/workshops/ seminars		80%	80%	80%	80%	80%	80%	80%				80%		
	2. In-House Workshop/Writeshop on proposals ( Activity Design, TOR, PR) for various NPD activities					1									
	3. ENIPAS IRR Forum							1					1		
	4. Assessment and Planning Workshop							1	1					1	
	5. ENIPAS IRR and NPASMP Roll-Out					2			1				3		3
		No. of workshops facilitated/ organized													



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Operating Unit: **BIODIVERSITY MANAGEMENT BUREAU**

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

10	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
6. PA Boundary Demarcation Workshop	No. of workshops conducted		1				1				
7. BAMS and SEAMS National Assessment	No. of workshops conducted				1						
8. Assessment and Planning Workshop for AHPs	No. of Workshop conducted		1				1				
9. In-house orientation on updated/recent policies on caves and inland wetlands	no. of events conducted		1						1		
10. Orientation of Enhanced Cave Assessment Form and inland wetland profiling/assessment	no. of events conducted		1				1				
11. Learning Event on Single-Rope Technique for Caving	no. of male and female trained participants/report submitted/ events conducted		1	1			1	1			
12. In-house Orientation on Creative Designs	no. of male and female trained participants/report submitted/events conducted			1				1			
13. Mainstreaming biodiversity across:	Round Table Discussions (RTD) conducted/attended	1				1					
13.1. Health (DOH)											
13.2. Energy (DOE)			1						1		
13.3. Infrastructure (DPWH) / Urban Biodiversity			1				1				
13.4. Manufacturing (DTI)											
14. Stakeholders consultation for the Mindanao Biodiversity Research agenda	consultation conducted		1								
15. Localization of the PBSAP pursuant to DAO 2016-12 on selected provinces (Antique, Cebu, Aurora, etc.)	No. of orientation conducted		5	1		1	3	6	3		
16. Partner's Meeting (CHED, HEIs, etc)	No. of meeting conducted			1			1	1			



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10	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
17. FGD on Mainstreaming Biodiversity in the Mining Sector	No. of FGD conducted			1			1		2		
VII. Conduct of regular conference/meetings/ workshops	Conference/Meetings conducted	3	3	3	3	2	7	4	5	2	
	Minutes/Proceedings/documents prepared/submitted	3	3	3	3	2	7	4	5	2	
	1. Mid year/Annual Assessment Workshops										
	2. Senior Staff/FDU Meetings										
VIII. Participation/Attendance to other committees/flora	3. Technical Review Committee Meetings										
	1. PTWG			1	1	1			1		
	2. DENR Budget Hearings			2	2	2			1	1	
	3. DBM/Senate/Congress Budget Hearings			2	2	2			7	2	
IX. Facilitate/attend documents/meetings/ workshops in line with international commitments	4. DENR Planning Workshops			1					1	1	
	5. Foreign-Assisted Projects (FAPs)										
	6. CEPA										
	7. Others (BAC-TWG, BAC, GAD, UNDP, PDP, PSB, DRR-EBA, SPMS, QMS, etc)										
10	No. of local/international meetings attended/conducted	2	2	2	2	2		6		1	
	Documents/reports prepared and submitted		1								
	3. ACB		2	2	2						
	4. Other ASEAN matters		2	2	1	1					
X. Technical assistance (TA)	5. GEF										
	1. Presenters/Resource Persons	1	1	1	1	1	4	3			
	Meeting/workshops attended										



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

10	PERFORMANCE INDICATOR	TARGET								ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
2. Attendance/participation in the drafting/formulation of support policies/guidelines to biodiversity-related concerns	Meeting/workshops attended/participated	1	2	1	1	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	1	2	3							
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	2	1								
5. Provision of technical assistance to BMB and Regional Office in the planning/programming of BMB Programs/ Projects	Activities undertaken Documents prepared Regions visited														
<b>XI. Support to other activities</b>	Special events conducted (no.)		1												
1. DENR Day			1					1							
2. BMB Day															
<b>XII. Support Services</b>															
1. Repair and maintenance of Office Equipment	Office equipment repaired and maintained														
2. Driver	No. of driver hired	2	2	2	2	2	2	2	2					2	
3. Support Staff															
3.1. Administrative Support Staff		3	3	3	3	3	3	3	3					3	
3.2. Database Developer (consultancy services)**		1	1	1	1	1	1	1	1					1	
3.3. Technical Support Staff**		2	2	2	2	2	2	2	2					2	



Department: ENVIRONMENT AND NATURAL RESOURCES

Agency: OFFICE OF THE SECRETARY (OSEC)

Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Natural Resources Management Arrangement/Agreement and Permit Issuance

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET								Variance	REMARKS
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
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%	100%	100%	76%	80%		
II. Wildlife Trade Regulation and Law Enforcement											
1. Processing/Issuance of CITES permits (Manual and CEPMIS)	permits issued	235	265	260	240	264	263	306	248		
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	4	3		3	4	5		
				2	3		3	3	3		
3. Updating of database on wildlife crimes, list of WRCs/CWRSMFP holders per region, production and trade reports of wildlife breeders	database maintained & updated	3	3	3	3	3	3	3	3		
III. Wildlife Law Enforcement (charged to POGI)											
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	15	15	15	15	20	21	15	16		
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	2	2	2	2	4	3	3	4		
		1	1	1	1			2	1	1	

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Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Natural Resources Management Arrangement/Agreement and Permit Issuance

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET								Variance	REMARKS
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
1.3. Attendance to court hearings	Hearings attended					2			4		
2. Capacity-building											
2.1. Ninth Training of Trainors (TOT9) on Wildlife Law Enforcement	training conducted report submitted			1			1				
2.2. Second Wildlife Forensics and Criminal Investigation on Training	training conducted report submitted				1				1		
					1				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								Variance	REMARKS
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
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)	100%	100%	100%	100%	100%	100%	25%	80%		
1.2. NIPAS Management											
1.2.1. PAMB Organization	% of PAMB appointments reviewed/endorsed to the Secretary	100%	100%	100%	100%	100%					
1.2.2. PAMB Operationalization	% of Resolutions reviewed % of Minutes of Meeting reviewed	80% 80%	80% 80%	80% 80%	80% 80%	80% 80%	10% 17%	100% 65%	100% 100%		
1.2.3. IPAF Establishment/ Operation	No. of SBR reviewed/ endorsed % of collection and utilization reports reviewed	100%	4 100%	100%	100%	1 56.25%	31%	6 100%	100%		
1.2.4. PA Management Plans preparation/updating	% of PAM/PS reviewed	100%	100%	100%	100%	25%	40%	50%	50%		
1.2.5. SRPAO/SEAMS	% of SRPAO/SEAMS reports reviewed	100%	100%	100%	100%	73%	73%	91%	75%		
1.2.6. Biodiversity Monitoring System	% of BMS reports reviewed	80%	80%	80%	80%	1%	19%	99%	80%		
1.2.7. BAMS	% of BAMS reports reviewed	100%	100%	100%	100%	15%	100%	100%	100%		
1.2.8. Special Use Agreements within PAs/MOA	% of SAPAMOA reviewed	100%	100%	100%	100%	100%	75%	78%	75.00%		



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Program/Project/Activity: Protected Areas Development and Management

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	REMARKS
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
1.2.9. Other PA Management Activities	% of other PA management-related reports reviewed*	75%	75%	75%	75%	75%	72%	100%	75.00%		
1.3. Ecotourism Development Program	% of reports reviewed	80%	80%	80%	80%	100%	14%	87%	75.00%		
1.3.1. Attendance/organization of ETWG and NESC meetings	ETWG meetings attended/ organized	1	1	1	1	2	3				
	NESC meetings attended/ organized	1	1		1		1				
1.3.2. Monitoring of Ecotourism Development Program	No. of sites monitored		1	1	1	3					
1.4. Monitoring of NIPAS implementation	No. of sites monitored			5	5	8	3	21			
1.5. Hiring of COS	No. of staff hired				1			1	1		
<b>2. Cave Management and Conservation Program</b>											
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		9				
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	43	25				
2.3. National Cave Committee Operations	no. of meetings conducted/ facilitated/co-hosted		1	2	1	1		2	1		
<b>3. Wetlands Conservation and Management Program</b>											
3.1. Monitoring/evaluation of wetland priority/ Ramsar wetland site	no. of site monitored/evaluated	1	2	2	1		4	2			
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	8	28	5			



**Program/Project/Activity:** Protected Areas Development and Management

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Department: ENVIRONMENT AND NATURAL RESOURCES

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Operating Unit: BIODIVERSITY MANAGEMENT BUREAU

Program/Project/Activity: Protected Areas Development and Management

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	REMARKS
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
Maintenance and other Allied Services											
6.1.2.1 Park Grounds Utility Workers		19	19	19	19	19	19	19	19		
6.1.2.2 Animal Caretaker		7	7	7	7	7	7	7	7		
6.1.2.3 Biologist/Veterinarian		2	2	2	2						
6.1.2.4 Aircon Maintenance and Repair		1	1	1	1	1	1	1	1		
Technician											
6.1.2.3 Automotive Mechanic		1	1	1	1	1	1	1	1		
6.2 Park Maintenance Supplies	supplies procured										
6.3 Nursery Supplies	supplies procured										
6.4 Planting Materials for Pocket Landscape	materials procured										
6.5 Repair/Maintenance/Upgrading of Equipment	no. of equipment maintained										
6.5.1 Vehicles		4	4	4	4	4	4	4	4		
6.5.2 Chainsaw & Other Park Maintenance Equipment		5	5	5	5	5	5	5	5		
6.5.3 Office Equipment (A/C units)		78	78	78	78	78	78	78	78		
6.6. Hiring of COS	no. of staff hired				1	1	1	1	1		
6.7. Repair/Maintenance of Buildings/Structures	no. of buildings/structures maintained	9	9	9	9	9	9	9	9		
6.8. Meetings/Workshops/Seminars	no. of meetings attended/ conducted		1		1		1				



Program/Project/Activity: Protection and Conservation of Wildlife												
PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks	
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter			
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, Warden'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	15	15	15	15	15	23	6	44			
	Field monitoring reports submitted		3	3	2			3	4	3		
	Status report on population/sightings/distribution of threatened species				1							
2. Updating of information/data on the status of wildlife resources and their conservation	PPCC review meetings/workshops conducted	1	1	1	1	1	1	1	2			
	PRLC review meetings/workshops	1	1	1	1	1	2			2		
	Wildlife species database/data holding updated and made available at the BMB website				1					1		
3. Asian Waterbird Census (AWC)	Regional bird count report reviewed	8	10				8	10				
	National AWC report submitted to Wetland International		1					1				
	AWC coordinators meeting/workshop conducted				1					1		
4. Establishment and management of Critical Habitats												
4.1. Review of CH proposals submitted by the Regions	proposals reviewed and evaluated evaluation results transmitted to the concerned Regions			1	1	1			3	10		
4.2. Review of CH Management Plans submitted by the Regions	management plans reviewed			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 Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
4.3. Monitoring of CHMP implementation - <i>Rafflesia schadenbergiana</i> CH - Cabusao Wetland CH - Malasi Tree Park and Wildlife Sanctuary - Carmen CH - Magsaysay critical Habitat - Adams Wildlife CH	CH status reports submitted		2		3						
5. Biodiversity Monitoring System (BMS)											
5.1. Review and evaluation of Regional BMS reports particularly on wildlife species monitored	evaluation results transmitted to NPD	3	3	3	3	3		6	6		
B. Ex-situ Conservation 1. National Wildlife Rescue and Research Center (NWRRC)											
	1.1. Technical assistance in the maintenance and care of confiscated, donated and rescued wild animals	1100	1100	1100	1100	1771	1394	1192	1147		
1.2. Management of rehabilitated animals in pursuit of DAO 97-17											
1.2.1. Organization of the BMB Wildlife Disposition Committee	no. of meetings organized	1	1	1	1				1		
	no. of meeting minutes prepared	1	1		1				1		
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		1	1	1		
	no. of reports submitted	1	1	1	1		1		1		
1.2.2.2. Release of rehabilitated animals to the natural habitat	no. of animals released		60	30	30		1	49	105		
	no. of reports submitted	1	1	1	1			3	58		
1.2.2.3. Post release monitoring	no. of reports submitted	1	1	1	1				1		
	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 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	2	2	3	1		2	2		
2. Monitoring of Regional and Designated WRCs	No. of regional and designated WRCs monitored with reports submitted		3	4	3		3	5	1		



PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
3. Hiring of COS	No. of staff hired			2	2			2	2		
4. Support to Wildlife Enforcement in Region 1 (for downloading it R1)					1			1			
II. Wildlife Diseases											
	1. Wildlife Diseases Surveillance	1			1			1			
2. Mobilization of zoonosis Committee	minutes of meeting prepared		1	1	1		1	1		1	
III. Capacity Building											
	1. Conduct of capacity-building on wildlife conservation and law enforcement				1						
1.1. Training of trainers for Regional Training Pools (c/o WILDEAP)											
	Training conducted with report submitted				1	1	1				
2. Wildlife Conservation and Management Species Identification and Management Techniques Sessions on Insects and Plants (c/o WILD EAP and d2)											
	Training conducted with report submitted				1				1		
3. Conduct of Training on Identification of Wildlife Products and Derivatives (Focusing on Reptile Skins) & Techniques on Monitoring of Breeding Facilities (c/o CEPNIS and WMF)											
4. Stop Illegal Wildlife Campaign in airports and seaports	No. of airport/seaport campaigns conducted			4				3	1		
	Report submitted			3	1			3	1		
- Dalahican Seaport (c/o WMF)											
- Laoag Airport (c/o WMF)											
- Bohol Airport and Seaport (c/o WILD EAP)											
- Subic Airport and Seaport (c/o WMF)											
IV. National Wildlife Rescue and Research Center (NWRRC) Operation											
	supplies procured										
1. Animal Food/Medicines/etc	equipment procured	1				1					
2. Laboratory/Animal Hospital Equipment											
V. Compliance with Regional and International Commitments/Agreements/Partnerships											
	1. Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)										
1.1. Annual inventory of government stockpile of Ivory	Inventory mobilized	1				1					
	Ivory inventory report submitted to the CITES Secretariat	1				1					



PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
1.2. Submission of CITES-related reports	reports submitted to CITES										
1.2.1. Annual Trade Report											
1.2.2. Annual Illegal Trade Report					1						
1.3. 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			1	2	1			
1.4. Participation to CITES COP18 and side events	meetings attended report submitted		1		1			1			
1.5. Review of proposals for species' listings under the CITES	No. of proposals reviewed	2	2					4			
2. Convention on Migratory Species (CMS)											
2.1. Participation to regional and International meetings/events	meetings attended report submitted				1						
2.2. Preparation for the CMS COP13	workshop conducted		1		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 EAAPP Secretariat			1	1						
	meeting conducted			1	1			1	1		
3. Attendance to Meetings related to wildlife law enforcement and trade in compliance with Regional & International Commitments	Meetings attended Report submitted			2	2	1		2	2		



PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
OPERATIONS											
NATURAL RESOURCES SUSTAINABLY MANAGED											
NATURAL RESOURCES CONSERVATION & DEVELOPMENT PROGRAM											
Management of Coastal and Marine Resources											
1. Coastal and Marine Ecosystems Management											
1. Plans, Policies and Standards Developed, Promoted, Monitored and Evaluated											
1.1. Technical Bulletins											
1.1.1. Drafting of Coastal and Marine Environment Damage Assessment, Response and Restoration/Rehabilitation Policy	TB developed/drafted			1						1	
1.1.2. Drafting of Coral Bleaching Response Guidelines as part of the Citizen Science Compendium	TB developed/drafted			1						1	
1.1.3. Drafting of Guidelines on PAMB Composition for Offshore MPAs	TB developed/drafted	1								1	
1.1.4. Revision/Updating of drafted policies											
1.1.4.1. Guidelines on the Establishment of Marine Protected Area Networks (MPANs)	TBs endorsed to for approval	3							2	1	
1.1.4.2. Guidelines on Coral Reef Rehabilitation in accordance to DAO 2016-26											
1.1.4.3. Clarificatory Guidelines on TB 2017-05 on the Assessment of Coastal and Marine Ecosystems											
1.2. Popularization and roll-out of policies/ guidelines developed	Learning event conducted		1	2					8		
2.2. Hands-on ARMS Outreach Program	Activity conducted (no)		3				2	2			
3. Support to Philippine RiseWest Philippine Sea Initiatives											
3.1. Philippine Rise Marine Resource Reserve - Protected Area Management Board Meetings (PRMRR-PAMBs)	No. of PAMB meetings conducted		1		1			1			
Meetings											
3.2. Management planning and consultation workshops/ Technical Working Group meetings for PRMRR	No. of management planning and consultation workshops/	1	1	1	1	5	3	2	1		

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
	TWG meetings conducted										
3.3. WPS Survey	No. of Survey conducted		1				1				
3.4. Communication, Education and Public Awareness											
Activities for WPS											
3.4.1. Fora/Symposiums/ Side Events (PAMS, MOO, MANAMO celebration) including exhibits as necessary	No. events conducted		1	1	1	1	1				1
3.4.2. Hiring of support staff for WPS (EMS and Communication Office)	No. of staff hired	2	2	2	2	2	2	2	2		2
3.5. Grande Island Reconnaissance Survey as part of PH Rise	No. of activities conducted				1						1
4. Snake Island as National Coastal and Marine Center for Research											
4.1. Operationalization of the Snake Island as Coastal and Marine Center for Research (SAA to PENRO Palawan)	Site supported	1				1					
5. Operationalization of BMB-BFAR Convergence											
5.1. Conduct of meetings/orientation/trainings related to the operationalization of the BMB-BFAR Convergence	no. of technical assistance provided		1		1	1	1	1	2		
5.2. Revision/Finalization of the Operational Plan	Operational plan finalized				1					1	
6. Coastal and Marine Related Projects											
6.1. 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 MSFR, etc)	no. of technical assistance provided	1	1	1	1	7	8	3	1		
6.2. Support to IAMBBlueCECAM Program											
6.2.1. Sponsorship to 15th Philippine Association of Marine Science Symposium (Support to Blue Carbon Session during the PAMS '15)				1				1			
6.2.2. Conduct of Blue Carbon Citizen Science Orientation and Pilot-testing + Workshop (Scoping Exercise on the Capacity of DENR on Blue Carbon)					1				1		
6.2.3. Support Activities for the Blue Carbon Core and Network		1	2		1	2	3	3			



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 Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
System (e.g. Training on Economic Valuation, Protocols for Below Ground Carbon Stock Estimates/Blue Carbon Determination and Policy Drafting)											
6.2.4. Conduct of Consultation Workshop on Blue Carbon Strategy			1	1						2	
6.2.5. Printing and distribution of IEC Materials			1	1	1						
6.3. Support to the implementation of BWM/AFS Convention											
6.3.1. Capacity building on the conduct of port biological survey			1	1	1			1	1		
6.3.2. Meetings/ Orientation								1	2		
7. Database Management											
7.1. Posting of CMD Updates, reportsm news stories to the BMB Website	no. of articles posted to BMB Website		1	1	1	1	1	1	1		
6.2. Technical assistance on the set up of the database per region (upon request)	no. of technical assistance conducted		1	1	1	3	3		1		
6.3. Maintenance support to Database (supplies, software, parts, etc)	no. of softwares, supplies, parts maintained			2				1	1		
6.4. Monitoring and evaluation of database (meetings, field validation, review of reports, etc)	dbase maintained			1	1	1		1	1		
II. Integrated Coastal and Marine Partnerships											
1. Plans, Policies and Standards Developed, Promoted, Monitored and Evaluated											
1.1. Vulnerability Assessment	Draft policy submitted to BMB-TRC	1						1			
1.2. General Biodiversity Consideration on Area Clearance for Reclamation	Draft TB submitted to BMB-TRC				1						
1.3. Citizen Science General Policy	Draft policy submitted to TRC BMB-TRC				1						
1.4. Foreshore Policy	Draft policy submitted to TRC BMB-TRC	1				1					

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
2. CMEMP Regional Implementation											
2.1. Integrated Coastal Management											
2.1.1. Coordination Meetings	No. of meetings attended			1	1	1	1				
2.2. GreenFins											
2.2.1. Mainstreaming of GreenFins with other NGOs	Minutes of the meeting		1		1						
2.2.2. GreenFins Conference	Proceedings of Conference				1				1		
2.2.3. Monitoring of GF implementation in pilot sites	Monitoring report	1	1	1	1		1	2			
2.2.4. MOA with RWF for 6 years of implementation	Signed MOA	1				1					
2.2.5. Production of IEC Materials (GF Packs)	No. of packs produced	1									
2.3. Biodiversity-Friendly Enterprises											
2.4.1. Assessment and Evaluation of implementation of BDFE (Monitoring)	Activity/validation report		1	1	1		3	5			
2.4.2. BDFE Financial Assistance	Approved business proposal and progress report			1							
2.4.4. Capacity Building trainings at the BMB level and site level	No. of trainings conducted				1				3		
2.4.5. Hiring of Resource Person/Facilitator, Documenter	No. of staff hired				1				1		
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			1			1	
3.2. Establishment of a programmatic information exchange	Information exchange system	1		1						2	



PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
between and among agencies (TWG including SSS Communication Strategy/ies and conduct of Management Effectiveness Assessment)	established										
3.3. Enforcement Communication and Coordination Protocol	Protocol developed			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					3	
4.2. Preparatory Meeting with Sabah Parks	Meetings conducted			1		1				1	
4.3. Participation to the TIWS PAMB Meeting - 2 persons to participate in the PAMB Meeting	Report submitted		2				1		1		
4.4. Orientation/Seminar (Preparatory transfer of TIWS to Bangsamoro and CMEIP Orientation)	Orientation/seminar conducted		1	1					1	1	
5. CEPA Activities											
5.1. Month of the Ocean	CEPA activities conducted		1				1				
5.2. Development and Printing of IEC materials			1				1				
5.3. Marine Litter											
5.3.1. Conduct of regular coastal cleanups (Including Manila Bay)		3	3	3	3	3	3	1	1	3	
5.3.2. Conduct of meetings	Meetings conducted	1	1	1	1	1	2		4		
5.3.3. Support to Manila Bay Implementation/TUTI Rehabilitation		1	1	1	1	1	1	1	1	4	
5.3.4. Support to activities for the Development of Marine Litter NPoA					1						
5.4. Support to Mangrove Summit				1					1		
6. Capacity Building											
6.1. Coastal and Marine Ecosystems Managers Capability Training and Scaling-up of the Mentorship Program	Training conducted	1			1	2					
6.1.1. Conduct of meetings for each cluster	Meetings conducted		1	1	1	1					
6.2. Printing of training modules on Coastal and Marine Managers Capability Training	Training modules printed		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	Training conducted	1		2	2	1		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 Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
development											
7. Coral Triangle Initiative											
7.1. CTI-CFF National Plan of Action (NPOA) (dissemination/ implementation/ oversee)	NPOA disseminated			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						
7.3. Attendance to 15th SOM	No. of participants attended				12						
7.4. Attendance/hosting CTI CFF SOM/Working Group/TWG Regional Exchanges/Meetings	No. of participants attended the SOM and report submitted										
7.4.1. Seascope Working Group Regional Exchange and Meeting			2		2						
7.4.2. Threatened Species Working Group Regional Exchange and Meeting			2								
7.4.3. EAFM Working Group Regional Exchange and Meeting			2								
7.4.4. MPA Working Group Regional Exchange and Meeting			2		2						
7.5. Operations of National CTI Coordinating Committee	Minutes of NCC and TWG meetings prepared and submitted	2	3	3	2	4	2				
7.6. CTI Awareness Campaign (CTI Day)	Special events organized		1				2				
7.7. Hosting of Climate Change Adaptation meeting	Proceedings, reports (with analysis) submitted			1							
7.8. Women's Leadership Forum	Proceedings, reports (with analysis) submitted			2							
7.9. National Convergence Initiative											
7.9.1. Attendance to Meetings, consultations, Workshops etc	Reports (with analysis) submitted		1		1	2	1				
7.9.2. Hosting of Meetings, consultations, Workshops etc	submitted			1			1				
III. Direct CMEMP Activities/Regular Operations											
1. Support to the Regional CMEMP Activities (CEO additional up to 20%, TA, etc.)	Selected habitat assessments activity contracted		1	1	1						
2. Learning Event on the Identification, Survey and Counting Techniques for Waterbird	No. of Learning Event conducted				1				1		



PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET								Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
3. Ramsar Site Manager's Meeting cum Workshop	No. of meeting cum workshop conducted										
4. Support to additional NIPAS MPAs legislated under E-NIPAS (Ticao-Burias Pass PS)	No. of E-NIPAS sites operations supported		1						3		
5. Support to Carrying Capacity Activities within NIPAS MPAs											
5.1. Support to Carrying Capacity study in El Nido (Funding for assessment, CEO provision, Regional support)	No. of accomplishment reports submitted		1						1		
5.2. Attendance to the mentoring training, meetings, consultations, and monitoring on CarCap Activities	No. of reports submitted		1	1				2			
6. Attendance to the IPAF Coaching	No. of Workshops attended			3	3			2	2		
7. Development of Dugong and Marine Turtle Conservation Plan	No. of Conservation Plan developed				1					1	
8. Conduct of Legislator's Forum	Forum conducted			1					1		
9. Support to NIPAS BAMS Implementation (consultant hiring)	BAMS activity supported			3	3						
9.1. Implementation of NIPAS BAMS					1						
10. Strengthening of National Social Marketing Strategies of CMEEMP (Communication, Advocacy and Partnership Building) (Outsource, meetings, consultations)	Signed CMEEMP Communication Plan and draft MCAs/MOUs with partners		2	1							
11. Preparatory activities for the State of the Coastal and Marine Biodiversity of the Philippines publication (consultations, writeshops, verification workshops, etc.)	Preparatory activities conducted with process documentation		1		1						
12. Support to the 5th Cycle of the PM TMEM Scholarship (Complete Scholarship package including attendance of DENR Staff and other related activities such as meetings, etc.)	No. of scholars enrolled	6					5				
13. Support to the 4th Cycle of PM TMEM Scholars - Special Problem (6 Scholars)	Support provided	1					1				
14. Payment for the PM TMEM Scholarship 4th Cycle's Last Tranche	Payment provided	1					1				
15. Support to the Verde Island Passage Framework Implementation	Support provided	1	1	1	1	1	2	1			



PROGRAM/ACTIVITY/PROJECT (ex. Valuation)	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
16. 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 Convergence, CMEMP Assessment, BMB Assessment, DENR Assessment, PAMS, Manila Bay Rehabilitation, etc)	No. of events organized/ attended with corresponding reports (with analysis)	1	1	2	1	2		2	1		
17. 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, AWGCAE, 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)					5	1	0	0		
18. Harmonization Workshop with NPD and CAVED	Workshop conducted	1				1					
19. Diving refresher course	Training conducted			2	1			2	3		
IV. Monitoring and Evaluation											
1. Regular Monitoring of Implementation of CMEMP in 2019	Monitoring conducted	1	1	20							
2. National CMEMP Implementation Assessment Workshops	Assessment workshop conducted				1						
3. Support to wetlands activities, NAP operations and Office of the Director	Activities undertaken		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	2	2	2	2	2	2	2	2		
5.1.6. Environmental Management Specialist	Staff hired	4	4	5	5	4	4	4	5		
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. Budgeting 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. Hiring of Librarian	Staff hired		1	1	1			1	1		



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

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
5.1.12. Communication Specialist	Staff hired	1	1	1	1	1	1	1	1		
5.1.13. Administrative Assistant	Staff hired	1	1	1	1	1	1	1	1		
5.1.14. Data Encoder	Staff hired	1	1	1	1	1	1	1	1		
5.1.15. Record Management 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		
5.1.18. Contract of Service for Wildlife and Ninoy Aquino Parks and Wildlife Center	Staff hired			3	3			3	3		
5.2. Repair, Maintenance, Upgrading/Updating of Equipment	No. of equipment repaired, maintained and upgraded and softwares purchased		1				1				

Department: ENVIRONMENT AND NATURAL RESOURCES  
 Agency: OFFICE OF THE SECRETARY (OSEC)  
 Operating Unit: BIODIVERSITY MANAGEMENT BUREAU  
 Program/Project/Activity: Natural Resources Assessment

PROGRAM/ACTIVITY/PROJECT	PERFORMANCE INDICATOR	TARGET				ACCOM				Variance	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
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	No. of PAs supported, assessed and mapped with forest formations identified		2		2		2				
2. Capacity Building											
2.1. Training on Species Distribution Modeling	Training conducted	1				1					
2.2. Training on Remote Sensing For Detecting and Classifying Forest Formation Types	Training conducted	1				1					
2.3. Training on Ground Truthing through Flora and Aerial Surveys for Forest Formation	Training conducted		1				1				
2.4. BMS and LAWIN Integration Workshop	Workshop conducted			1							

Prepared by:

Approved by:

NANCY R. GONZALEZ  
 O-C-Chief BPKMD

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