



MAY 04 2021

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA
1515 L & S Building, Roxas Boulevard, Ermita, Manila

FROM : The Assistant Director

SUBJECT : **PILOT TESTING OF THE ENHANCED SOCIO-ECONOMIC ASSESSMENT & MONITORING SYSTEM IN THREE SITES WITHIN MIMAROPA REGION**

The DENR and USAID's Sustainable Interventions for Biodiversity, Oceans, and Landscapes (SIBOL) aim to improve natural resources governance, sustainable management of natural resources, and reduce environmental crimes by promoting positive environmental behavior. Relative thereto, among the Project's Strategic Approaches are on Improving Economic Incentives and Strengthening Science-Driven Decision-Making. Under these approaches, the enhancement of the Socio-Economic Assessment and Monitoring Tool (SEAMS) is important in order to provide the PASus and field implementers a standardized method for assessing and monitoring the socio-economic condition of occupants in protected areas.

The BMB through the SIBOL Project intends to enhance and upgrade the SEAMS Tool by providing more relevant indicators useful for planning, management, and assessing impacts of resources, and automating the conduct of the survey to allow for more efficient data processing and analysis henceforth. SIBOL intends to use the SEAMS e-form in the conduct of SEAMS survey in SIBOL project sites as this will provide the baseline data on the current resource use and resource users inside the PA, as well as the demographic and economic profiles of households residing within the PA boundaries. The results of the SEAMS survey will be inputs to the Natural Capital Accounting and Ecosystem Services valuation interventions of SIBOL and will provide the necessary information for the establishment of community-based BDFEs.

In view of the above, may we request your good Office along with the PA Management Offices of the SIBOL sites in Palawan - Mt. Mantalingahan Protected Landscape, Puerto Princesa Subterranean River National Park and Cleopatra's Needle Forest Reserve, to extend support and participate in the pilot-testing of the enhanced SEAMS scheduled on May 10 to June 30, 2021. We have attached a copy of the Activity Design and the details of the proposed schedules for your ready reference.

Ms. Cristel Amarillo and Ms. Angeline Villalba from the SIBOL Project and the Bureau's National Parks Division will be coordinating with you on this matter. You may also contact them through camarillo.contractor@ph-sibol.org, npd@bmb.gov.ph or (0915) 265 1922.

For information and appropriate action.


AMELITA D. ORTIZ



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



BMB202105115

ACTIVITY DESIGN

Activity Name	PILOT TESTING OF THE ENHANCED SOCIO-ECONOMIC ASSESSMENT AND MONITORING TOOL IN MIMAROPA REGION		
Dates	May 10- June 30, 2021		
	Date	Activity	Site
	May 10-13, 2021	Courtesy Call with LGUs via Zoom	PPSRNP
	May 14, 2021	Orientation and Planning Meeting of Site Supervisors	PPSRNP
	May 17 - 19, 2021	SEAMS Enumerators' Training	PPSRNP
	June 1 - 30, 2021	Survey Proper	PPSRNP, MMPL, CNFR
Background and Rationale	<p>USAID-SIBOL aims to address the three objectives of improving natural resources governance, sustainably managing natural resources, and reducing environmental crimes by promoting positive environmental behavior. To achieve these, evidence-based inputs are critical to inform decision-making and policy formulation for an effective and sustainable management of natural resources.</p> <p>The Socio-Economic Assessment and Monitoring System (SEAMS) is an existing tool of DENR that is used to assess the socio-economic profile of residents inside NIPAS protected areas. It draws detailed information on the resource users and uses, economic profile, disaster exposure, and other basic institutional information from the PA residents which can provide significant inputs to PA management plans and policies. SIBOL has committed to enhance and upgrade the SEAMS for the use of NIPAS PAs, by providing more relevant indicators and automating the conduct of the survey. The enhanced SEAMS form includes a more comprehensive set of questions on resource use, conservation practices, and perceptions on environmental quality and enforcement efforts. It uses an electronic format to allow for automated surveys and more efficient data processing and analysis henceforth.</p> <p>SIBOL intends to use the SEAMS e-form in the conduct of SEAMS in its project sites in Palawan, namely Mt.Mantalingahan Protected Landscape (MMPL), Puerto Princesa Subterranean River National Park (PPSRNP) and Cleopatra's Needle Forest Reserve (CNFR) in Palawan. SEAMS will provide the baseline data on the current resource use and resource users inside the PA, as well as the demographic and economic profiles of households residing within the PA boundaries. The results of SEAMS survey will be inputs to the NC accounting and ES valuation work under SA2 and will provide the necessary information for the establishment of community-based BDFEs. It will</p>		

	likewise provide the inputs for the designation of HCVAs in the SIBOL project sites.
Objectives	The SIBOL SEAMS team aims to do a pilot survey only in Palawan to test the design, module content, usability and relevance of the enhanced survey and SEAMS e-form. Tablets containing the SEAMS data model will be provided to hired Palawan SEAMS enumerators who will interview households from PPSRNP, MMPL, and CNFR. The activity also aims to gather baseline data prior to the total conduct of SEAMS survey in all SIBOL sites of Zambales and Siargao.
Participants	<p>The target participants of each activity are: Activity Target Participants Courtesy calls a. LGU officials b. Barangay officials c. PAMB d. Community leaders (If IP Community)</p> <p>SEAMS Enumerator Training a. Enumerators for MMPL (4) b. Enumerators for PPSRNP (5) c. Enumerators for CNFR (20) SEAMS Survey d. Households residing in the target barangays</p>
Mechanics and Strategies	<ol style="list-style-type: none"> 1. Identification of the sample size, target barangay, and sample respondents Prior to the field work, the team shall agree on the sample size and the target barangays where the SEAMS survey will be conducted. 2. Courtesy calls with site-level stakeholders Prior to the conduct of the field activities (i.e., Enumerators Training and SEAMS Survey Proper), courtesy calls to the respective officials of the LGUs and barangays covered by the survey will be done. The courtesy calls aim to introduce the project and the SEAMS survey and its objectives to the local officials and to gather secondary data information including the master list of residents in the barangays. This will be facilitated on site by the site team and will be joined by the Manila team online via zoom. 3. Orientation and Planning Meeting for Site Supervisors The site supervisors will be the ones to supervise the enumerators' training and the survey proper. Before the training of enumerators, the team shall meet with the assigned supervisors to discuss their role in the facilitation of the enumerators training and in the supervision of the whole survey proper. An initial planning will be done on 1) the assignment of enumerators, 2) the schedule of survey in each barangay, 3) how survey data will be stored and submitted, and 4) survey protocols. The site supervisors will be the PAMB staff who have experienced conducting the SEAMS survey in their area. They will be provided an honorarium for this engagement. 4. Hiring and training of enumerators per project site A training will be facilitated for the SEAMS survey enumerators who will be performing the survey on the identified household respondents within the protected area. The training will be held for 3 days wherein the enumerators will be oriented with the use of the SEAMS eform. Each module will be discussed thoroughly, followed

	<p>by a mock interview to test the skills of the enumerators. At the end of the training the enumerators are expected to be capable of navigating through the e-form and implementing the survey efficiently and effectively. The survey teams should also have agreed on the survey schedule, budget, and protocols. A total of 29 enumerators (4 in MMPL, 5 in PPSRNP, and 20 in CNFR) will be hired and trained for the SEAMS survey in PPSRNP, MMPL, and CNFR.</p> <p>5. Survey proper After the training, the enumerators will implement the survey according to the agreed schedule. On the first day of survey proper, the survey enumerators will go in pairs and fill out both the paper survey form and the e-form. After this, the team shall convene to report difficulties and to address issues accordingly. For the succeeding days, the enumerators will be in close coordination with the assigned supervisor and site coordinator who will monitor the implementation of the survey remotely. Enumerators are expected to accomplish 3 surveys per day, and the survey proper will be implemented within a maximum of 30 days including travel time and accommodation of the changes in schedule if the need arises.</p> <p>6. Data processing and analysis The SEAMS team will be creating a google drive folder where in the data files from the tablet will be exported to and stored for the monitoring of the survey supervisor and the research Philippines Sustainable Interventions for Biodiversity, Oceans, and Landscapes (SIBOL) Activity associates. The data will be cleaned, processed and analyzed to come up with the summary tables.</p>
Anti-COVID Measures	Minimum Health Protocols for COVID-19 should be strictly followed and monitored by the participants.

PROPOSED PROGRAM

Time	Topic/Activity	Materials Needed
<u>Day 1</u>		
8:00 AM	Activity 1: Opening Ceremonies Activity 2: Introduction Activity 3: Expectation setting Activity 4: Presentation on SEAMS	LCD Projector, Laptop, Meta Cards,
9:00 AM	Activity 5: SEAMS Survey Questionnaire • The survey questionnaire is discussed thoroughly to the enumerators, highlighting the essential questions in every section. Questions arising from the enumerators are addressed before moving on to the discussion of the next sections and modules. <i>Module 1:</i> Demographics <i>Module 2:</i> Household Income <i>Module 2.e.1:</i> Entrepreneurial income <i>Module 2.e.2:</i> Entrepreneurial Income from Agriculture <i>Module 2.e.3:</i> Entrepreneurial Income from Livestock <i>Module 2.e.4:</i> Entrepreneurial Income from Livestock Processing	LCD Projector, Laptop, tablets and printed copies of the questionnaire, Field Guides
12:00	Lunch Break	
1:00-3:00	Continuation of Activity 5 <i>Module 2.e.5:</i> Entrepreneurial Income from Fisheries-Capture <i>Module 2.e.6:</i> Entrepreneurial Income from Fisheries-Culture <i>Module 2.e.7:</i> Entrepreneurial Income from Fisheries: Fish Processing <i>Module 2.e.8:</i> Entrepreneurial Income from Forestry: Timber Harvesting	LCD Projector, laptop, tablets and printed copies of the questionnaire, Field Guides
3:00-3:15	Break	

Time	Topic/Activity	Materials Needed
3:15-5:00	Continuation of Activity 5 <i>Module 2.e.9: Entrepreneurial Income from Forestry: NTFP Harvesting</i> <i>Module 2.e.10: Entrepreneurial Income from Forestry: Fuelwood and Charcoal Production</i> <i>Module 2.e.11: Entrepreneurial Income from Forestry: Forest Product Processing</i> <i>Module 2.e.12: Entrepreneurial Income from Wildlife Hunting and Trading</i>	LCD Projector, Laptop, tablets and printed copies of the questionnaire, Field Guides
<u>Day 2</u>		
8:00	Recap	
8:30	Continuation of Activity 5 <i>Module 2.e.13: Entrepreneurial Income from Ecotourism</i> <i>Module 2.e.14: Entrepreneurial Income from Wholesale and Retail Trading and Repairs of Motor Vehicles</i> <i>Module 2.e.15: Entrepreneurial Income from Manufacturing</i> <i>Module 2.e.16: Entrepreneurial Income from Community, Social, Recreation and Personal Services</i> <i>Module 2.e.17: Entrepreneurial Income from Transportation, storage and communication services</i> <i>Module 2.e.18: Entrepreneurial Income from Mining and quarrying</i> <i>Module 2.e.19: Entrepreneurial Income from Construction</i>	LCD Projector, Laptop, tablets and printed copies of the questionnaire, Field Guides
12:00	Lunch Break	
1:00-3:00	Continuation of Activity 5 <i>Module 3: Household Expenditures</i> <i>Module 4: Environmental Quality</i> <i>Module 5: Natural Hazards</i>	LCD Projector, Laptop, tablets and printed copies of the questionnaire, Field Guides
3:00-3:15	Break	

Time	Topic/Activity	Materials Needed
3:15-5:00	Continuation of Activity 5 <i>Module 6: Housing, Sanitation and Health</i> <i>Module 7: PA Perceptions and Knowledge</i> <i>Module 8: Institutional Knowledge</i> <i>Module 9: Enforcement</i> Open Forum Preparation for the Mock Interview	LCD Projector, Laptop, tablets and printed copies of the questionnaire, Field Guides
<u>Day 3</u>		
8:00-12:00	Activity 6. Mock Interview	LCD Projector, Laptop, tablets and printed copies of the questionnaire, Field Guides
12:00	Lunch Break	
1:00-2:00	Activity 7. General Feedback and Pointers	LCD Projector, Laptop, tablets and printed copies of the questionnaire, Field Guides
2:00-3:15	Activity 8. Planning of Survey Schedule and Budget	List of Respondents per barangay Letter to the barangay and LGU
3:15-3:30	Break	
3:30-4:30	Continuation of Activity 9 Activity 9. Provision of transportation, food, and communication allowance, issuance of tablets and power banks, signing of MRs and ARs, signing of contracts.	MR, AR, tablets, power banks
4:30-5:00	Closing and awarding of training certificates	Laptop, Printer