

**Socioeconomic Monitoring (SocMon) for Baseline and Adaptation to Climate Change**

**Focus Group Discussion Guide Set 3**

**(Variables, Questions and Summary Tables for Resource Threats, Perceptions on Coastal Resource Management and Community Problems)**

**Township:** \_\_\_\_\_ **Field Site:** \_\_\_\_\_ **FGD No:** \_\_\_\_\_

**Date & Time of FGD:** \_\_\_\_\_ **Moderator:** \_\_\_\_\_ **Recorder:** \_\_\_\_\_

**Time Started:** \_\_\_\_\_ **Time Ended:** \_\_\_\_\_ **Transcriber:** \_\_\_\_\_

**SocMon Variables: Combined H17 (Perceived Threats to Resources), H23-24 (Perceived Coastal Management Problems and Solutions, H-25 (Perceived Community Problems and Solutions, and H26-27 ( Successes and Challenges in Coastal Management)**

**FGD Exercise: Workshop on Problem-Finding Exercise<sup>1</sup> and Problem Tree Analysis**

Introduction: The needs and priorities of the community often depend on the kinds of problems and issues that occur in it. Before we are able to introduce new projects in the community, we must be able to identify first the threats and opportunities in our area. Since the problems and issues that confront us are often complex, we must also be able to analyze what are the causes and the impacts of our major problems. The analysis will help us prioritize our needs and also the resources we must apply to solve our problems.

*Objectives:*

- Analyze the cause-and-effect relationships of critical threats and problems.
- Deepen the understanding of the community on the problems confronting their area and how these impact on their socio-economic well-being.
- Suggest proposed solutions and actions to respond to the critical problems and issues identified by the community in the Problem Tree exercise.

*Outputs:*

- Problem Tree
- Solutions Table

*Materials:*

- Manila papers
- Meta cards of 2 different colors
- Masking tape
- Pentel pens

*Suggested composition of workshop participants*

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<sup>1</sup> Workshop mechanics adapted from *Facilitators' Handbook to Mainstream MEAs at the Barangay Development Plan (BDP)* (in prep.), published through the UNDP-GEF project entitled "Strengthening Coordination for Effective Environmental Management" (STREEM).

At the minimum: 11 participants

2 fisher-leaders

2 farmer-leaders

3 barangay officials

3 civil society sector representatives (church, women, business/resort)

1 teacher

*General Procedure:*

**A.** Problem Tree Analysis --> **B.** Problem Prioritization --> **C.** Community Opportunities and Strengths Identification --> **D.** Actions/Solutions Identification

### **A. Problem Tree Analysis**

1. Provide a brief background on the problem-finding exercise.
2. Determine the **core or major problems/issues/threats** existing in the community. The facilitator will provide a set of pre-identified core problems written on metacards from which the participants will choose those that they think are major issues/threats in their locality.

*(Note: Some pre-identified core problems may include: (i) inability to provide for basic needs, (ii) threat to food security, (iii) biodiversity loss, (iv) unsound waste management practices, (v) lack of livelihood opportunities, (vi) lack of industry support, (vii) political issues, (viii) health problems, (ix) unemployment, (x) lack of potable water source, (xi) lack of electricity, (xii) poor fish catch, and (xiii) lack of tourism facilities.)*

3. Determine the problems/issues/threats that are **direct causes** of the identified core problem/issue/threat. Write the direct cause in the metacard and place them below the metacards of each of the selected core threat.

*(Note: The facilitator will provide a sample Problem Tree so that the participants can easily follow the process. Two sample Problem Trees are shown below.)*

4. Determine the corresponding causes by asking the question “Why did it happen?” until you reach very specific root causes.
5. Above the core problems/issues/threats will be the corresponding **effects or impacts**. Ask the participants to identify and write the effects/impacts on the metacards by asking the question “So what?” or “What will happen?” Place the cards above the corresponding core problems/issues/threats.
6. Review the Problem Tree showing interrelationships of the “causes-core problem-effects” relationship and rearrange the cards accordingly.

7. Discuss and summarize the results.

- Ask the community “are there other things that were missed out and need to be included in the Problem Tree?”
- Summarize the results of the exercise by relating the identified problems/issues/threats to aspects and implications of climate change, biodiversity, land degradation, fisheries, coastal issues, and sustainable development. Also, summarize the results of the Problem Tree by specifying key environmental problems/issues/threats in the coastal areas which affect the socio-economic well-being of the community.
- Conclude by acknowledging the good outputs produced by the groups.

8. Document the problem tree and take a photograph of it.

***B. Problem Prioritization***

9. Based on the Problem Tree, identify the root causes that generated the most number of problems and issues. These root causes are the ones that will be given priority in the solution-finding exercise.

***C. Community Opportunities and Strengths Identification***

10. Ask the participants to write on metacards the community **opportunities and strengths** by asking the question, “What are the characteristics of the community that can be tapped to implement solutions to the identified problems/issues/threats?” The characteristics may be bio-physical, socio-economic, governance-institutional in nature.

11. Ask also: “How much are they willing to cooperate in solving the identified problems?”

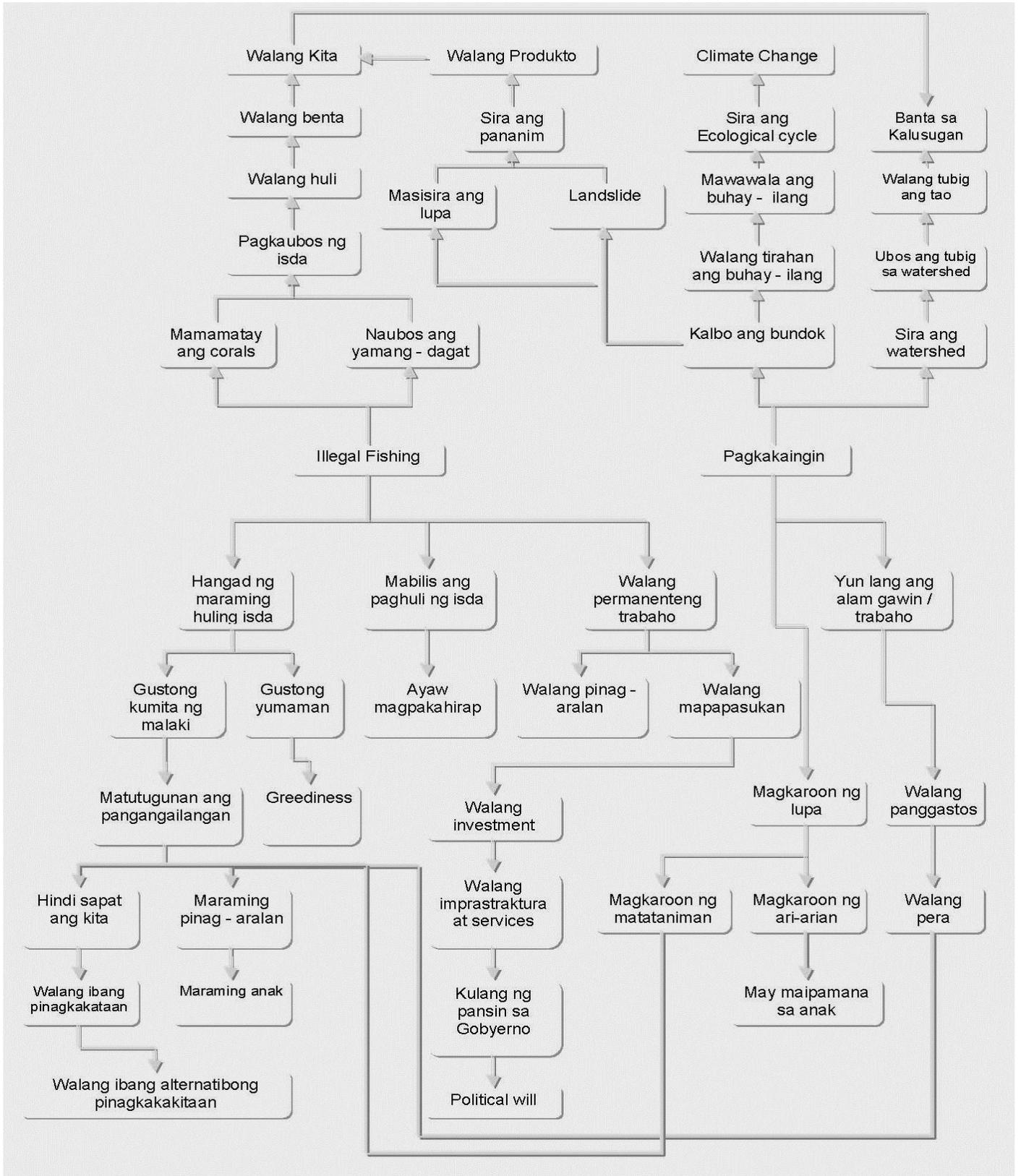
***D. Solutions Identification***

12. For each of the prioritized root causes in **Process B**, the group will be asked to recommend or suggest doable solutions or actions to resolve/address these core problems.

*(Note: A sample **Solutions Table** is shown below.)*

13. Congratulate and thank the participants on the success of the exercise.

# SAMPLE PROBLEM TREE 1



### SAMPLE SOLUTIONS TABLE

THREAT TO SUSTAINABLE DEVELOPMENT	SAMPLE ACTIONS/SOLUTIONS/ STRATEGIES
Inability to provide for basic needs	Livelihood support
Threat to food security	Conservation and sustainable use
Biodiversity loss	Protection and preservation Restoration Rehabilitation
Natural processes	Climate change adaptation Disaster risk reduction
Land-based stresses/ pressures	Conservation and sustainable use
Unsound waste management practices	Solid waste management
Strong market demand for resources	Law enforcement Permitting system
Lack of livelihood opportunities	Livelihood support Land use conversion
Lack of industry support	Industry support Market creation
Uncertainty in coastal/ land tenure (property rights)	Conflict resolution
Low level of sustainable development awareness	IEC
Political issues	Capacity building

### SAMPLE PROBLEM TREE 2



**Causal chain of key threats and problems, selected coastal barangays of the Municipality of Coron, Province of Palawan, February 2013.**

**Table 2. Recommended solutions to significant problems in selected coastal barangays of the Municipality of Coron, Province of Palawan, 2013.**

<b>Recommended sustainable development actions</b>	
<b>Barangay I</b>	
<ul style="list-style-type: none"> <li>• Provide residents with training and technical marketing support on tourist-related livelihoods such as: Massage, Tour guiding., Soap making, souvenir bags (materials are to be sourced out)</li> <li>• Equip residents with self-employment skills such as Cosmetology, Hair cutting, carpentry, and furniture making</li> <li>• LGU to facilitate sale of MRF by-products</li> </ul>	<ul style="list-style-type: none"> <li>• Involve the stakeholders for elementary school rehabilitation and support</li> <li>• Barangay council to proactively take actions to protect watershed and plant appropriate trees</li> <li>• NAPOCOR to provide additional generating unit for /BISELCO to have greater capacity</li> </ul>
<b>Barangay VI</b>	
<ul style="list-style-type: none"> <li>• Improve farm productivity through technical assistance from DA, particularly on high value crops and in organic farming</li> <li>• Embark on home stay program for tourists (to be initiated by the barangay)</li> <li>• Skills training in cosmetology &amp; massage, Soap-making, dressmaking as livelihoods for women</li> <li>• Virgin Coconut Oil processing and marketing</li> <li>• Electricity provider should have additional power plant to meet demand for electricity</li> </ul>	<ul style="list-style-type: none"> <li>• Seek help from other institutions on marketing of products</li> <li>• Seek capital support from NGOs</li> <li>• Plant lettuce and other vegetables that can be supplied to restaurants and resorts</li> <li>• More cooperation from residents</li> <li>• Seek concrete actions from LGU to actualize their 5-yr commitment to support the school with DepEd</li> </ul>
<b>Barangay Marcilla</b>	
<ul style="list-style-type: none"> <li>• Technical training for aquaculture (milkfish, sea cucumber etc)</li> <li>• Technical training/support on coconuts product processing, vegetable farming, poultry/piggery</li> <li>• Marketing assistance for seaweed products</li> <li>• Fund raising for school facilities improvement</li> <li>• Marketing of seaweeds and farm products</li> <li>• Strictly implement by-laws as to households' payment of water consumed</li> <li>• Reforestation of the watershed</li> </ul>	<ul style="list-style-type: none"> <li>• Skills Training on utilizing NTFP and handicraft making (bamboo, rattan, etc)</li> <li>• Develop beaches and coral reef areas as tourism sites under a Community Based Ecotourism program</li> <li>• Deploy more teachers in the school</li> <li>• Follow-up on requests from the municipal LGU and KALAHI-CIDSS fund for filtration system and potable water</li> <li>• establish an irrigation system to support crop production</li> </ul>
<b>Barangay Malawig</b>	
<ul style="list-style-type: none"> <li>• Training/technical/marketing support/seed capital on alternative livelihoods such as banig weaving, handicraft making, seaweed farming, fish culture, cashew nut processing, vegetable farming, piggery/poultry</li> <li>• Construct road linking Barangays Buenavista and Malawig</li> <li>• establish an irrigation system to support crop production</li> <li>• Marketing marine/agricultural products</li> </ul>	<ul style="list-style-type: none"> <li>• Technical know-how and support on upland farming</li> <li>• Rehabilitate communal water system (change pipes and tank with bigger ones)</li> <li>• Establish secondary school in a location accessible to the barangay</li> <li>• Request for a fully-equipped rural health unit facility</li> <li>• Increase the frequency of visit of the midwife to the Barangay</li> </ul>
<b>Barangay Banuang Daan</b>	
<ul style="list-style-type: none"> <li>• skills training and marketing strategies for Cashew processing, coconut product processing, Mat weaving &amp; basket making (from buho, pandan, and kawayan), bamboo furniture making</li> <li>• skills training on Tour guiding for ecotourism</li> </ul>	<ul style="list-style-type: none"> <li>• LGU to provide additional pipes and construct water storage tanks at the four sources of water in the Barangay.</li> <li>• Replace defective batteries used for solar power</li> <li>• Explore use of windmill as source of energy</li> </ul>

<b>Recommended sustainable development actions</b>	
<ul style="list-style-type: none"> <li>• technological know-how and support on backyard poultry</li> <li>• Employ additional elementary teachers</li> <li>• Establish a secondary school in Coron Island</li> <li>• Additional funds for potable water supply</li> </ul>	<ul style="list-style-type: none"> <li>• Request for a fully-equipped rural health unit facility</li> <li>• Increase the frequency of visit of the midwife to the Barangay</li> </ul>
<b>Barangay Cabugao</b>	
<ul style="list-style-type: none"> <li>• Establish MPAs as fish sanctuaries</li> <li>• Ban sodium nitrate in Palawan to prevent illegal fishing</li> <li>• Engage in alternative livelihood such as mat weaving of book/ laptop/ipad covers, handicraft making, furniture making etc</li> <li>• Strict law enforcement</li> <li>• Technical assistance on management of the ancestral domain as a protected area</li> <li>• There should be an elder assigned to bring the children to school to ensure that children make it to school</li> <li>• Solicit college scholarships from foundations for those who get to finish High School</li> </ul>	<ul style="list-style-type: none"> <li>• Seek technical assistance from institutions like PSU on marketing of products</li> <li>• Regulate the use of mangroves so that it can serve as area for mariculture</li> <li>• Coordinate with other institutions such as DA, BFAR, PSU to provide livelihood trainings on seaweed farming, aquaculture, mariculture (seaweeds, balatan crabs, oysters, shrimps), cashew processing, etc</li> <li>• Negotiate and communicate with IP communities from other Barangays to maintain a free boarding house for high school students from their Barangays in Coron mainland</li> <li>• Provide skills trainings for OSYs</li> </ul>
<b>Barangay Bulalacao</b>	
<ul style="list-style-type: none"> <li>• Training/technical/marketing support to alternative livelihood such as mat weaving, handicraft making, etc</li> <li>• Seek the permission of the IP leaders regarding the construction of the high school on a lot which is part of CADT</li> <li>• Negotiate with all stakeholders to establish a high school in the barangay</li> <li>• Seek scholarships for college (especially for IPs)</li> <li>• Request for a fully-equipped rural health unit facility</li> <li>• Increase the frequency of visit of the midwife to the Barangay</li> </ul>	<ul style="list-style-type: none"> <li>• Coordinate with other institutions such as DA, BFAR, PSU to provide livelihood trainings on seaweed farming, aquaculture, cashew processing, tour guiding, etc</li> <li>• Find a way to tap the water source in Kanipo</li> <li>• Barangay should build a communal water tank to impound rain water/store water hauled from Kanipo</li> <li>• Explore the possibility of using wind turbines to supply electricity to the Barangay</li> </ul>