TITLE: Barangay Disaster Risk Reduction and Management Plan

YEARS COVERED: *(20\_\_ to 20\_\_) (minimum of three years)*

Barangay: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City/Municipality: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Province: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Region: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Vision: *(****Copy from the Barangay Development Plan)*

**Mission: *(****Copy from the Barangay Development Plan)*

*Note: If the existing vision and mission of the barangay does not reflect the DRR and CCA aspect, they need to modify or enhance it. They also need to align their vision and mission to the vision and mission from the higher level which is the municipal or city level).*

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**Goal:** *(What are the goals of barangay in Disaster Risk Reduction and Climate Change Adaptation? The goals should be aligned to the goals of the next level [city/municipality] that can contribute to the vision and mission of the barangay).*

**Objective:** *(What are the objectives of the barangay especially the BDRRMC in order to attain the goals set and measure it progress)***.**

1. **BASIC INFORMATION OF THE BARANGAY**

*(Copy the information from the Barangay Development Plan or Barangay Profile. If the barangay has no available data, they can ask and request copies to the City/Municipal Planning and Development or the C/MDRRM Office)*

1. **Physical and Geographical Classification of the Barangay**
2. **Location and Boundaries:**

Barangay \_\_\_\_ (name of barangay) has a total land area of \_\_\_\_ (hectare), where \_\_\_\_ (hectare) used in agriculture, \_\_\_\_\_ (hectares) in residential, \_\_\_\_ (hectare) is timberland and \_\_\_\_ (hectare) are alienable and disposable land (A and D).

*(Note: The barangay can add more information which are not included in this template)*

The barangay is located in the \_\_\_\_\_\_\_\_\_ (what part in the map of the city/municipality), \_\_\_\_\_\_\_ (name of city/municipality), \_\_\_\_\_\_\_\_ (name of province). It is \_\_\_\_ (in kilometer) away from city/municipal hall and it takes \_\_\_\_ (hour or minutes) to reach the barangay hall. It is accessible by \_\_\_\_ (what means of transportation to reach the area). It is bounded on the north by \_\_\_\_\_\_\_\_\_\_ (name of barangay), on the east \_\_\_\_\_\_\_\_\_ (name of barangay), on the west \_\_\_\_\_\_\_\_\_\_ (name of barangay) and on the south \_\_\_\_\_\_\_\_\_ (name of barangay).

*(Note: The barangay can add more information which are not included in this template)*

1. **Land and Water Forms:**

|  |  |
| --- | --- |
| **Land Forms** | **Check (√) if present**  **(X) if not present in the barangay** |
| Mountains Range/Hills |  |
| Mountain |  |
| Volcano |  |
| Cliff |  |
| Archipelago |  |
| Islands |  |
| Plains |  |
| Valley |  |

|  |  |
| --- | --- |
| **Water Forms** | **Check (√) if present**  **(X) if not present in the barangay** |
| Sea |  |
| River |  |
| Gulf, Inlet |  |
| Lake |  |
| Spring |  |
| Falls |  |
| Creek |  |

1. **Socio-Economic and Community Information**

|  |  |
| --- | --- |
| BARANGAY POPULATION | NUMBER |
| Number of Individual |  |
| Number of Household |  |
| Number of Families |  |

1. Population According to Sex:

|  |  |
| --- | --- |
| SEX | Number |
| Male |  |
| Female |  |
| TOTAL |  |

1. Population According to Age:

| AGE BRACKET (YEAR) | FEMALE | MALE | TOTAL |
| --- | --- | --- | --- |
| 0 – 11 mos. |  |  |  |
| 1 – 2 |  |  |  |
| 3 – 5 |  |  |  |
| 6 - 12 |  |  |  |
| 13 – 17 |  |  |  |
| 18 – 59 |  |  |  |
| 60 and above |  |  |  |
| TOTAL |  |  |  |

1. Number of Households according to the type of Materials used in Construction:

| TYPE OF MATERIALS USED | TOTAL |
| --- | --- |
| Concrete |  |
| Semi or Half Concrete |  |
| Made up of Light Materials |  |
| Salvaged House |  |
| TOTAL |  |

1. Total Households by Type of Ownership:

| TYPE OF OWNERSHIP | TOTAL |
| --- | --- |
| Owned |  |
| Rented |  |
| Shared with Owner |  |
| Shared with Renter) |  |
| Informal Settler Families (ISF) |  |
| TOTAL |  |

1. **Socio-Economic Information**
2. Main Source of Income of the Population

| TYPE OF LIVELIHOOD (SOURCE OF INCOME) | TOTAL NUMBER OF PERSONS |
| --- | --- |
| Farming |  |
| Fishing |  |
| Poultry and Livestock |  |
| Carpentry |  |
| Professional (example: Doctor, Lawyer, etc) |  |
| Government Employee |  |
| Private Employee |  |
| Vending |  |
| Formal/ Licensed Driver |  |
| Non-licensed Driver |  |
| Barker |  |
| Porter |  |
| Masseur |  |
| House helper |  |
| Electricians |  |
| Laborer |  |
| Mining |  |
| Lending |  |
| Others *(please specify)* |  |
| TOTAL |  |

1. **Basic Infrastructures and Facilities:**

|  |  |
| --- | --- |
| 1. ELECTRICITY | TOTAL NUMBER OF HOUSEHOLD |
| With Electricity |  |
| Without Electricity |  |
| 1. CLEAN WATER | TOTAL NUMBER OF HOUSEHOLD |
| Deep Well (Level 1) |  |
| Common (Level 2) |  |
| Faucet (Level 3) |  |
| 1. WASTE MANAGEMENT | TOTAL NUMBER OF HOUSEHOLD |
| Burned |  |
| Buried |  |
| Recycled |  |
| Others *(Please specify)* |  |
| 1. COMFORT ROOM / TOILET | TOTAL NUMBER OF HOUSEHOLD |
| Water Sealed |  |
| Antipolo type |  |
| Others (*please specify*) |  |
| No Latrine |  |

1. **Buildings and Other Infrastructure in the Barangay**

| TYPES OF INFRASTRUCTURE | TOTAL |
| --- | --- |
| Covered Court or Gymnasium |  |
| Barangay Hall |  |
| Multi-purpose Building |  |
| Evacuation Centers |  |
| Public Schools |  |
| Private Schools |  |
| Churches |  |
| Government Hospitals |  |
| Private Hospitals |  |
| Barangay Health Centers |  |
| Others *(please specify)* |  |

1. **Basic Services in the Barangay**

| BASIC SERVICES | TOTAL |
| --- | --- |
| Barangay Hall |  |
| Health: Hospital |  |
| Health: Health Center |  |
| Health: Birthing Clinic/Center |  |
| Nutrition Post |  |
| School: Elementary |  |
| School: Secondary |  |
| Secondary: College |  |
| Day Care Center |  |
| Playground for Children |  |
| Office of Senior Citizen Association (OSCA) |  |
| Center for PWDs |  |
| Center for Women/ Gender |  |
| Police Station / Civilian Volunteer Organization Post |  |
| Jail |  |
| Youth Center / SK Center |  |
| Others *(Please specify)* |  |

1. **List of Community or Civil Society Organizations and Number of Members in the Barangay**

*(They can add more in the list if the available spaces are not enough)*

| NAME OF ORGANIZATION | TOTAL NUMBER OF MEMBERS |
| --- | --- |
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |

1. **Institutional and Human Resource**

| HUMAN RESOURCE | TOTAL |
| --- | --- |
| Health Facilities and Professionals (Doctor, Midwives o Nurse) (*please specify what profession)* |  |
| Trained Barangay Health Workers |  |
| Trained Barangay Nutrition Scholars |  |
| Trained Barangay Emergency Response Teams |  |
| Trained Community Volunteer Organizations |  |
| Pool of Community Volunteers |  |
| Trained Day Care Workers |  |
| BDRRM Operations Center and Trained Personnel |  |
| Others *(Please specify)* |  |

1. **ORGANIZATIONAL STRUCTURE**

The Barangay Disaster Risk Reduction Management Committee (BDRRMC) is one of the committees of the Barangay Development Council which is designated by law (RA 10121, otherwise known as the “Philippine Disaster Risk Reduction and Management Act of 2010”) to oversee and facilitate the activities for the safety and security of the population living in the community. The committee is responsible for implementing programs, projects and activities within the community or barangay to prevent or minimize the impact of natural or human-induced hazards to people, property, business, critical facilities and infrastructure, environment and other elements at risk in the community.

The BDRRMC, under the Barangay Development Council, has the functions to be implemented in accordance with RA 10121. These are as follows:

1. To approve, monitor and assess the implementation of the barangay disaster risk reduction management plan in accordance to the city or municipal and other higher level programs and projects;
2. Ensure that the disaster risk reduction and climate change adaptation will be integrated into the local development plans, activities, projects and programs and will be funded as strategy for sustainable development and poverty reduction in the community;
3. Recommend for the strict implementation of mandatory and forced evacuation if there is a threat to the people especially those who are living in a high risk zones or areas; and
4. Convene the committee and conduct quarterly meeting or as needed.

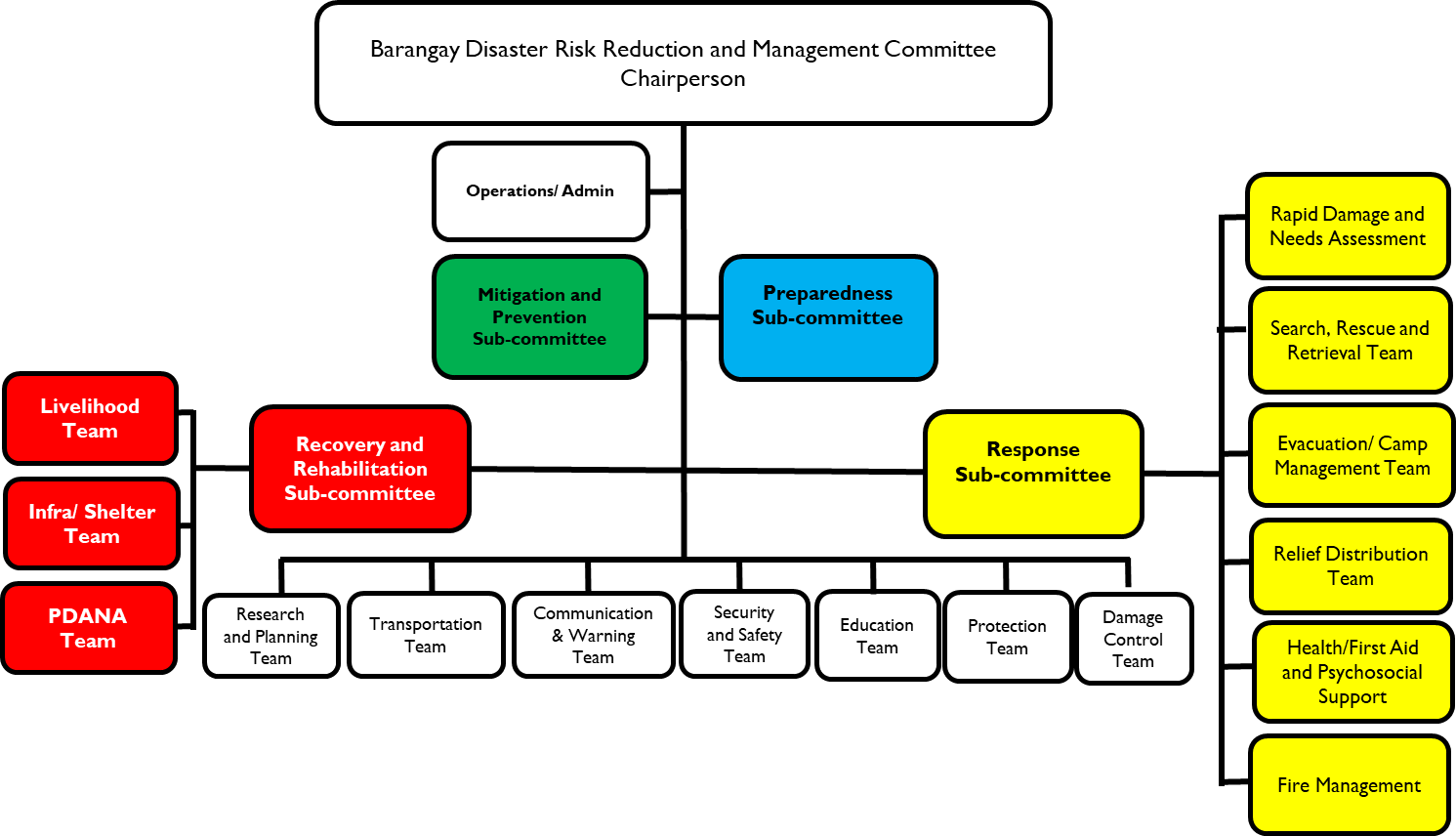
**The Organization of the BDRRMC:**

The committee consists of members of the council, representatives from education sector, church-based organization, civil-society organization and other vulnerable groups in the barangay. It is headed by the Punong Barangay as Chairperson. The following sectors should have an active and meaningful role in BDRRMC which is duly approved through an ordinance or resolution passed by the council.

* Children Sector
* Youth Sector
* Women’s Group
* Elderly
* People with Disability (PWD)
* Indigenous Peoples
* Farmer’s Sector
* Fisherfolk
* Professional Group
* Church-Based Organization
* Private Sector
* Community/Barangay Police of Volunteer
* Overseas Filipino Workers
* Cooperatives
* Other sector or group in the barangay

The primary basis of the sectoral membership to BDRRMC is the legitimacy of the organizations with barangay programs or projects. A legitimate organization is duly registered, accredited to any authorized government agency or recognized by the Sangguniang Bayan or Barangay. They must also actively participate in any barangay or community development activities. If they are not yet registered in any government agency, they may also submit a letter to the Sangguniang Barangay in order to identify them as a legitimate organization in the barangay. The Barangay Council will provide evidence of the recognition that they are a legitimate organization that implements programs, projects and activities in the barangay through the Executive Order from the Punong Barangay or Barangay Resolution.

**Proposed Barangay Disaster Risk Reduction Management Committee Structure**



**Composition:**

The BDRRMC’s overall leadership (Chairmanship) is the responsibility of the Punong Barangay with the heads of the different sub-committees (Vice-Chairmanship from the four thematic areas) with the support of the Operations and Admin Unit.

Every sub-committee will be headed by the Vice-Chairperson with the support of team leaders.

Each sub-committee will be led by the member of the Sangguniang Barangay while the Teams will be chaired by the sectoral organizations or groups representatives. The Chairperson or Team leader of the Teams will perform the tasks as required by the team. *(For example, the Education Team will be Chaired by the education representative (School DRR Focal or the Principal) in the committee)*.

**Roles and Responsibilities of Administrative Support:**

* Ensures that all BDRRMC requirements are in place and are in good order, such as legal documents, forms to be used to provide immediate support and necessary actions to carry out a barangay activity or project;
* Ensures that all plans, activities, Memorandum of Agreements / Memorandum of Understandings, BDRRM Plans and policies pertaining to DRRM and CCA are in place and available anytime.

**Roles and Responsibilities of the Committee:**

The Four Sub-committee (based on the four thematic area of DRRM)

1. Prevention and Mitigation / Research

* Conducts research and study on developing initiatives related to DRR and CCA;
* Recommend measures on the implementation of environmental laws, such as but not limited to RA 10121, RA, 10821, RA 9729 and RA 9003;
* Assists in the implementation of laws, programs, projects and activities to prevent or mitigate the impact of natural or human-induced hazards;
* Initiates forest and mangrove planting and rehabilitation; and
* Conducts risk, exposure, vulnerability and capacity assessments,

1. Preparedness / Planning and Training

* Provides support in the development and formulation of the quality BDRRM plan;
* Provides support in the conduct of disaster preparedness activities such as training of response volunteers, orientation, seminar or any DRRM related activities;
* Initiates the conduct of simulation exercise or drill to identified priority hazard in the community; and
* Disseminates disaster preparedness information to public especially the high risk areas.

1. Response / Operations

* Initiates the implementation of programs, projects and activities related to disaster risk reduction and climate change adaptation;
* Establish appropriate community early warning system linked to the city/municipality and other higher level government agencies;
* Initiates implementation of the forced and preemptive evacuation activities of families living in a high risk area;
* Ensures that warning signals are received by the affected population people especially those who are living in a high risk or danger zones on time with corresponding recommendation of what to do per level of warning or alert.

1. Recovery and Rehabilitation

* Assist in the repair and retrofitting of damaged public properties/infrastructures, critical facilities and social services;
* Recommend to higher level of what kind of programs, projects and activities should be given to them through a participatory assessment, planning, implementation and monitoring; and

**Roles and Responsibilities of Team or Group under the BDRRMC:**

1. **Communication and Warning Team**

* Monitors water level of the river, creek, dam or any water ways and the installed warning devices/instruments that provide information for possible flooding or landslide in the community and report immediately to BDRRMC or the Punong Barangay about the condition to make appropriate decision or action of the BDRRMC;
* Provides accurate and timely information or warning for an early and prompt decision of the BDRRMC if the people living in a high risk zones will be evacuated to a safe area;
* Ensures that early warning system and protocol are in place and properly disseminated to the families likely to be affected by hazards
* Ensures that the communication protocols are in place and tested regularly; and
* Collaborates and engages other BDRRM sub-committees or local government agencies regarding BDRRM especially during emergencies or disasters.

1. **Transportation Team**

* Ensures that there is a readily available functional transportation system in the barangay that can be used before, during and after emergency or disaster;
* Conducts regular inventory of available transportation vehicle and its capacity to transport population from high risk to safe areas;
* Coordinates private or business sectors for possible use of their vehicle especially during evacuation movement or any disaster related activities within the barangay;
* Ensures that the private or business sectors are agreed to use their vehicle in times of emergency or disaster through a Memorandum of Agreement or Understanding.

1. **Security and Safety Team**

* Ensures that every members of the community are safe especially in time of emergency or disaster;
* Ensures that all facilities, equipment, supplies and materials of the BDRRMC are safe and free from any form of theft;
* Provides security to the responders and the affected population during relief distribution in times of emergency or disaster;
* Ensures that the evacuation centers or areas are safe from any intruders during emergency or disaster; and
* Initiates in developing mechanisms for relief distribution and service delivery to the affected population.

1. **Education Team**

* Ensures that children and youth are included in community-based disaster risk reduction and management and climate change adaptation activities in the community;
* Ensures that the private and public organizations and agencies are involved in DRR and CCA activities;
* Educates people especially the most vulnerable groups in the community on disaster risk reduction and management and climate change adaptation;
* Develops information education campaign materials on DRR and CCA and share these to the public; and
* Coordinates regularly to education sectors in the community for possible partnership on DRR and CCA advocacy and project implementation.

1. **Protection Team**

* Ensures that all disaster risk reduction and management and climate change adaptation programs, projects and activities did not violate the rights of the people especially children, women, persons with disability, elderly and other vulnerable sectors or groups in the community;
* Ensures that the vulnerable groups or sectors such as children, youth, women, pregnant and lactating mother, elderly, people with disability, indigenous people are protected and free from any harm before, during and after emergency or disaster; and
* Assures compliance with the legal procedures for the implementation of disaster risk reduction and management and climate change adaptation laws in the barangay and other protocols, policies and guidelines related to DRRM.

1. **Damage Control Team**

* Assists research and planning team in the conduct of rapid damaged assessment and needs analysis (RDANA) and post damaged assessment and needs analysis (PDNA);
* Ensures that all affected structures, livelihood and other critical facilities brought by hazards are reported to BDRRMC and other concerned agency or organization for immediate and long term intervention;
* Initiates inventory of all possible damages to infrastructure, houses, evacuation center, livelihood and other critical facilities in the barangays that can be impacted by the identified hazards.

1. **Research and Planning Team**

* Facilitates and supports risk assessment and contingency planning activities of the BDRRMC and other groups in the community;
* Conduct research and development initiatives on barangays disaster risk reduction and management and climate change adaptation;
* Initiates development of plans with appropriate mechanisms for monitoring and evaluation of the plan’s implementation;
* Ensures that all vulnerable groups or sectors such as children, youth, women, pregnant and lactating mothers, elderly, people with disabilility, indigenous people in the community are involve and participate actively in risk assessment, planning, implementation, monitoring and evaluation processes.

**Roles and Responsibilities of the Team under Response Sub-Committee:**

1. **Rapid Damage Assessment and Needs Analysis (RDANA)Team**

* Conducts Rapid Damage Assessment and Needs Analysis (RDANA) using the simplified assessment template provided by the local governments and submit the report ot BDRRMC or Punong Barangay;
* Lists all affected population or families who need immediate assistance or support especially the vulnerable groups or sectors;
* Submits complete and easy to understand RDANA reports to BDRRMC or Punong Barangay right after the event to decide if the committee ask immediate support from the higher level local government units or private organizations.

1. **Search, Rescue and Retrieval Team**

* Provides immediate assistance to population or families that need to evacuate or transfer from high risk to safe areas;
* Leads in the conduct of search, rescue and retrieval operations during emergency or disaster; and
* Assists higher level government units or responders in the conduct of search, rescue and retrieval operations during emergency or disaster.

1. **Evacuation and Camp Management Team**

* Ensures that the information of each evacuee inside and outside evacuation center or evacuation area / site are complete and updated;
* Ensures that all evacuation centers/sites are assessed and prepared before the occurrence of the hazards;
* Makes sure that all evacuation centers/sites facilities and materials are available ready to use during evacuation.
* Ensures that all persons or staff involved in evacuation and camp management are trained or at least have knowledge on camp management.

1. **Relief Distribution Team**

* Ensures that relief management such as receiving, packaging, distribution and other aspect of handling goods either food and non-food items are in accordance to relief procedure and protocol of the barangay;
* Makes sure everyone involved in relief distribution are trained or at least know how to properly handle and distribute the goods to affected population; and
* Ensures that all affected population especially the vulnerable groups or sectors received sufficient amount of goods.

1. **Health/First Aid and Psychosocial Support Team**

* Makes sure that there is an available basic medicines in the evacuation that can be used by the evacuees especially for children, youth, women, pregnant and lactating mother, elderly, people with disability and indigenous people;
* Provides appropriate health and psychosocial intervention to affected population especially the vulnerable groups or sectors such as children, youth, women, pregnant and lactating mother, elderly, people with disability and indigenous people;
* Ensures that health facility and material are readily available at the evacuation centers / sites and health centers

1. **Fire Management Team**

* Assigns people at the Operation Center 24/7;
* Provides immediate response to affected area or population and coordinates with the nearest fire stations as necessary
* Initiates conduct of training on basic firefighting and management using the available materials within the barangay;
* Requests necessary materials and equipment for fire suppression and safety paraphernalia for responders and volunteers to BDRRMC or Punong Barangay for outside fund sourcing;
* Prepares map showing the available safe routes for fire trucks and responders going to the affected area.

**Roles and Responsibilities of the Team under Recovery and Rehabilitation Sub-Committee:**

1. **Livelihood Team**

* Conducts study together with other groups or sectors in the barangay on the economic impacts brought about by the hazards or disaster;
* Provides recommendations or solution about what they have learned and what long term solutions people can make in collaboration with higher government offices or agencies that people’s recovered or rehabilitated their livelihood.

1. **Infrastructure and Shelter Team**

* Conducts study about the total cost of damages to infrastructure and shelter within the barangay; and
* Submits the result of study with initial recommendations or suggestions for recovery and rehabilitation of damaged infrastructures and shelters.

1. **Post Damage Assessment and Needs Analysis (PDANA) Team**

* Conducts comprehensive studies about the total damages caused by the hazards or disaster in the barangay for a long-term recommendations and solutions;
* Records major damages to property, infrastructure and environment because of the hazards or disaster events; and
* Submits consolidated result of the assessments and analysis to BDRRMC or Punong Barangay.

1. **COMMUNITY RISK ASSESSMENT (CRA)**

A Community Risk Assessment (CRA) or sometimes called as Hazard, Vulnerability and Capacity Assessment (HVCA) is a process that uses a participatory approach which enables the community to Identify potential hazards and determine the nature and extent of risks they pose. It determines also the strengths and opportunities available within the barangay that will help us minimize or at least cope with these risks.

It is a means to collectively analyze community vulnerabilities, highlight capacities and identify gaps for integrated and strategic investment of resources to reduce their occurrence or impact to population, property and environment.

**Processes and Contents of Community Risk Assessment (CRA)**

1. **Barangay Disaster Risk Profile**

*Brief description of the barangay about general situation related to hazards and disaster that might happen in the community.*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

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* 1. Disaster or emergency historical events in the community. *(list down all emergencies/disasters event happened in the community and its impact for the past 5 to 20 year)*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type of Emergency/ Disaster Event: |  |  |  |  |  |
| Year: |  |  |  |  |  |
| EFFECTS/IMPACTS | | | | | |
| POPULATION |  |  |  |  |  |
| Dead |  |  |  |  |  |
| Injured |  |  |  |  |  |
| Missing |  |  |  |  |  |
| Separated from the family |  |  |  |  |  |
| Lost Houses |  |  |  |  |  |
| LIVELIHOOD |  |  |  |  |  |
| Partially Damaged |  |  |  |  |  |
| Totally Damaged |  |  |  |  |  |
| HOUSEHOLD PROPERTY |  |  |  |  |  |
| Damaged |  |  |  |  |  |
| Missing |  |  |  |  |  |
| INFRASTRUCTURE |  |  |  |  |  |
| Slightly Damaged |  |  |  |  |  |
| Moderately Damaged |  |  |  |  |  |
| Totally Damaged |  |  |  |  |  |
| HOUSEHOLD |  |  |  |  |  |
| Slightly Damaged |  |  |  |  |  |
| Moderately Damaged |  |  |  |  |  |
| Totally Damaged |  |  |  |  |  |
| COMMUNICATION |  |  |  |  |  |
| Damaged |  |  |  |  |  |
| Lost Communication |  |  |  |  |  |
| ELECTRICITY |  |  |  |  |  |
| Lost Power Supply |  |  |  |  |  |
| WATER |  |  |  |  |  |
| Damaged |  |  |  |  |  |
| Lost Water |  |  |  |  |  |
| HEALTH CENTER |  |  |  |  |  |
| Partially Damaged |  |  |  |  |  |
| Totally Damaged |  |  |  |  |  |
| SCHOOL |  |  |  |  |  |
| Partially Damaged |  |  |  |  |  |
| Totally Damaged |  |  |  |  |  |

* 1. Hazard Identification and Risk Assessment. *(Identify hazards either natural or human-induced and its probability to happen and possible impacts using the scale rating below)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Hazards | Probability | Impact | Remarks | Ranking |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Probability Impact

1 – Most Unlikely 1 – Negligible

2 – Low Probability 2 – Low Impact

3 – Perhaps 3 – Maintain Impact

4 – High Probability 4 – High Impact

5 – Almost Certain 5 – Devastating

* 1. Vulnerability Assessment

| Aspect | Check (**√**) the box if appropriate in your Barangay | Reasons Why the Barangay is Vulnerable to Emergency or Disaster |
| --- | --- | --- |
| 1. **Physical and Material** 2. Physical Characteristic of the place | ☐ | Near the sea or shorelines |
| ☐ | Located along river banks |
| ☐ | Near the mountains |
| ☐ | Near or along the fault line |
| ☐ | Near the volcano |
| ☐ | There is no proper drainage system |
| ☐ | Soft soil in the residential areas |
| ☐ | Deforested mountains |
| ☐ | Presence of sinkholes |
| ☐ | Blocked canals or waterways |
| ☐ | No proper waste disposal |
| ☐ | Majority of the buildings have no ramps |
| ☐ | There are many rocks on the edge of the mountain near the houses |
| ☐ | Majority of the buildings have no fire exits |
| ☐ | \_\_\_ (%) of houses are made up of light materials |
| ☐ | Majority of the building and houses have no circuit breakers |
| ☐ | Majority of the buildings have no fire extinguisher |
|  | Lack of response equipment and materials |
|  | ☐ | Others *(please specify)* |
|  |  |  |
| 1. Evacuation Center | ☐ | Lack of evacuation centers |
| ☐ | There is an available evacuation center but no comfort room (separated male and female) |
| ☐ | No available evacuation centers |
| ☐ | There is an evacuation center but no ramp |
| 1. Community Facility | ☐ | Signal of all networks in the evacuation centers are not available |
| ☐ | No network signal in some areas in the barangay |
| ☐ | Damaged roads |
| ☐ | Hospital is very far from the residents |
| ☐ | No electricity |
| ☐ | \_\_\_\_% of the population are rely on level 1 water supply (deep well) |
| ☐ | Others (*Please specify*) |
|  |  |  |
| 1. Early Warning System (EWS) | ☐ | NO available EWS signage in the designated areas for a particular hazard |
| ☐ | Lack of early warning devices or materials that provide real time warnings or signs to the community |
| ☐ | No available early warning or sign for people with disability (PWD) |
| ☐ | No specific early warning system for specific hazard |
| 1. Barangay Disaster Operation Center | ☐ | No designated Barangay Disaster Operation Center (BDOC) |
| ☐ | Lack of facilities in the Barangay Disaster Operation Center (BDOC) |
| ☐ | Barangay Disaster Operation Center (BDOC) has no standby generator |
|  |  |  |
| 1. Household/houses | ☐ | \_\_\_% of houses are made up of light materials |
| ☐ | \_\_\_% of houses living near the river |
| ☐ | \_\_\_% of houses living near the mountain |
| ☐ | \_\_\_% of houses are illegally constructed |
|  |  |  |
| 1. Livelihood | ☐ | Majority of the population in the barangay are concentrating only in one livelihood or source of income |
| ☐ | Lack or limited livelihood opportunity |
| ☐ | Others *(please specify)* |
|  |  |  |
| **Social and Organizational** | | |
| 1. BDRRM Committee | ☐ | BDRRM Committee is not organized |
| ☐ | There is no clear roles and responsibilities of the BDRRMC members |
| ☐ | Lack of capacity of the BDRRMC members because they don’t have enough trainings or capacity building activities |
| ☐ | \_\_\_\_\_% of BDRRMC members are not active |
| ☐ | \_\_\_\_\_% of the members are not aware with DRR and CCA laws and their functions |
| ☐ | \_\_\_\_\_% of the BDRRMC members are not aware with RA 10121, RA 10821 and other related policies |
| ☐ | BDRRMC has no regular meeting |
| ☐ | Others *(please specify)* |
|  |  |  |
| 1. Civil Society Organization | ☐ | There is an existing community organization but no knowledge on DRRM or CCA |
|  | ☐ | There is an existing community organization but they don’t have specific programs, projects and activities on DRRM or CCA |
|  | ☐ | There is an existing organization but they don’t participate in barangay activities specifically on DRRM or CCA |
| 1. **Attitudinal or Motivational** | | |
| 1. People think and feel | ☐ | People didn’t respect the barangay officials and other leaders in the community |
|  | ☐ | Majority of the population in the community are not following the government instructions especially during evacuation activities |
|  | ☐ | Majority of the community leaders or officials didn’t motivate people to participate in community development activities |
|  |  |  |
| 1. Initiative to help others | ☐ | Others do not care about their neighbors |

* 1. Capacity Assessment

| Aspect | Check (**√**) the box if appropriate in your Barangay | Reasons Why the Barangay is Vulnerable to Emergency or Disaster |
| --- | --- | --- |
| 1. Physical and Material |  |  |
| 1. Physical Characteristic | ☐ | With enough and sufficient available evacuation centers |
| ☐ | Forest and coastal areas have plenty of planted trees |
| ☐ | Regular cleaning and repair of drainage canals |
| 1. Early Warning System | ☐ | With complete response equipment and materials that can be used in times of emergency or disaster |
| ☐ | Early Warning System (EWS) for specific hazard is established and posted in different parts in the barangay which is visible to population and vulnerable groups |
| ☐ | Early Warning System (EWS) is easy to understand because it is written in local language with images |
| ☐ | There is an available early warning system (ESW) for people with disability and other vulnerable groups |
| ☐ | There is mechanism, system and materials for disseminating warning to affected population. |
| ☐ | Barangay has available generator with standby gasoline |
|  |  |  |
| 1. Social and Organizational | ☐ | Community organizations are actively participating in all community development activities especially on DRRM and CCA |
|  | ☐ | Community organizations or sectors are activity participating in problem identification and assessment, planning, implementation, monitoring and evaluation related to disaster |
| 1. Attitudinal/ Motivational | ☐ | The spirit of “BAYANIHAN SYSTEM”still exist |
| ☐ | Majority of the people in the community are listening to baranagy officials and they follow the protocols that the barangay officials are implemented especially for the protection and safety on the population |

* 1. Hazard Maps of the Barangay. *(Draw your base map and overlay the different hazards that might occur or already occurred but there is a possibility to happen again. If there is an available map in the city or municipality where your barangay is covered, you can ask a copy. If not, you can use the map that you made during the risk assessment based on the set scenario)*



* 1. Identify and inventory of families and individual that are likely to be affected of the identified priority hazard in the community. The generated information is segregated by sex, gender, status of the population and others.
  2. Number of families and population that can be affected by a particular hazard. *Example (Storm Surge)*

| SITIO/ PUROK | TOTAL Number of Families | TOTAL Number of Persons | | Infant  (0-11 months) | | Children  17 y/o and below | | ADULT  (18-59 y/o) | | ELDERLY  60 y/o & above | | Persons with Disability (PWD) | | WITH SICKNESS  (All Ages) | | PREGNANT WOMEN |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| M | F | M | F | M | F | M | F | M | F | M | F | M | F |
| FLOODING | | | | | | | | | | | | | | | | |
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| TOTAL |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

* 1. Number of Person with Sicknesses:

| Types of Sickness | Age Bracket | | | | | | | Sex | | TOTAL |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 – 11 mos. | 1 – 2 | 3 – 5 | 6 - 12 | 13 – 17 | 18 – 59 | 60 – > | B | L |
| Hearing Impairment |  |  |  |  |  |  |  |  |  |  |
| Speech and Language Disorder |  |  |  |  |  |  |  |  |  |  |
| Visual Impairment |  |  |  |  |  |  |  |  |  |  |
| Mentally Disorder |  |  |  |  |  |  |  |  |  |  |
| Autism |  |  |  |  |  |  |  |  |  |  |
| Intellectual Disability |  |  |  |  |  |  |  |  |  |  |
| Developmental Delay |  |  |  |  |  |  |  |  |  |  |
| Physical Disability |  |  |  |  |  |  |  |  |  |  |
| Disability to walk or move |  |  |  |  |  |  |  |  |  |  |
| Multi-Disabilities |  |  |  |  |  |  |  |  |  |  |
| Health Disability |  |  |  |  |  |  |  |  |  |  |
| Others *(please specify)* |  |  |  |  |  |  |  |  |  |  |
| **TOTAL** |  |  |  |  |  |  |  |  |  |  |

* 1. Number of families and population that can be affected by Flood.
  2. Other hazard
  3. Number of families and individual that are likely to be affected by hazard based on three categories.

7.1 Effects of Hazard. *Example (Storm Surge)*

| Areas to be Affected | Low | | Medium | | High | |
| --- | --- | --- | --- | --- | --- | --- |
| Family | Person | Family | Person | Family | Person |
| Purok 1 |  |  |  |  |  |  |
| Purok 2 |  |  |  |  |  |  |
| Purok 3 |  |  |  |  |  |  |
| Purok 4 |  |  |  |  |  |  |
| Purok 5 |  |  |  |  |  |  |
| Purok 6 |  |  |  |  |  |  |
| Purok 7 |  |  |  |  |  |  |
| Purok 8 |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |

* 1. Inventory of the existing equipment, materials, infrastructures, establishments, livelihood activities and other critical facilities within the barangay which may be affected by the occurrence of hazard.

8.1 *Example (Storm Surge)*

| Item | Number | Percentage |
| --- | --- | --- |
| Infrastructure |  |  |
| * Bridge |  |  |
| * Barangay Hall |  |  |
| * Multi-purpose Building |  |  |
| * Houses |  |  |
| * Kiosk |  |  |
| * Schools |  |  |
| * Others *(please specify)* |  |  |
|  |  |  |
| Establishment |  |  |
| * Sari-Sari Store |  |  |
| * Restaurant |  |  |
| * Bakery |  |  |
| * Others *(please specify)* |  |  |
|  |  |  |
| Facility |  |  |
| * Water |  |  |
| * Electricity |  |  |
| * Communication |  |  |
| * Roads |  |  |
| * Hospital |  |  |
| * Barangay Health Center |  |  |
| * Others *(please specify)* |  |  |
|  |  |  |
| Livelihood |  |  |
| * Rice |  |  |
| * Vegetable |  |  |
| * Banca (motorized and non-motorized) |  |  |
| * Fish nets |  |  |
| * Fish Ponds |  |  |
| * Others *(please specify)* |  |  |
|  |  |  |
| Environment |  |  |
| * Forest |  |  |
| * Mangroves |  |  |
| * Others *(please specify)* |  |  |

8.2 Other hazards.

* 1. Common issues and problem faced by the vulnerable groups or sectors such as children. youth, women, pregnant women and lactating mothers, elderly, people with disability, indigenous people in times of disaster or emergency.

| Vulnerable Groups | Check () the box if present and (x) if none | Issues and problem face by each of the vulnerable groups | Immediate action or response of BDRRMC or barangay officials |
| --- | --- | --- | --- |
| Children and Youth | ☐ | No separate comfort room for boy and girl |  |
| ☐ | Disruption of classes |  |
| ☐ | Separation from family members during disasters or emergencies |  |
| ☐ | Loss of shelters |  |
| ☐ | Loss of important documents such as birth certificates and school records |  |
|  | ☐ | Injury and psychosocial distress during  disasters or emergencies |  |
|  |  |  |  |
| Women | ☐ | Women can easily be abused at the evacuation center |  |
| ☐ | Health problem |  |
|  |  |  |  |
| Pregnant Women | ☐ | Can’t walk quickly to the evacuation center |  |
| ☐ | Lack of equipment and facilities at the evacuation center to protect and monitor birthing pregnant women during disasters |  |
|  |  |  |  |
| Nursing Mother / Lactating Mother | ☐ | No spaces for breastfeeding mothers at the evacuation centers |  |
| ☐ | No available trained community personnel which can provide counseling to nursing mothers |  |
| People with Disability | ☐ | No ramp at the evacuation center |  |
| ☐ | No specific early warning system for people with disability such as deaf and mute |  |
| ☐ | No available wheel chair at the evacuation center |  |
|  |  |  |  |
| Elderly / Senior Citizen | ☐ | No ramp at the evacuation center |  |
| ☐ | Prone to illnesses |  |
| ☐ | Health problem |  |
|  |  |  |  |
| Indigenous People | ☐ | No permanent settlement or shelters |  |
|  | ☐ | No source of safe potable water |  |
|  | ☐ | shelters are not safe to stay because it made up of light materials |  |
|  | ☐ | Absence of communication devices to receive warnings from the authority if there is an impending threat in the community |  |

* 1. Evacuation plan of the affected population in times of disaster or emergency.

| Purok No. | Total Population | | Total Population at Risk | | Name of Evacuation Center (Plan A) Government Owned Property | Total Number of population to be Accommodated | | Total Number of Population not to be Accommodated | | Name of Evacuation Center (Plan B) Private Owned Property | Total Number of Population not to be Accommodate ng Plan A and B | | Remarks |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Families | Persons | Families | Persons | Families | Persons | Families | Persons | Families | Persons |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Total |  |  |  |  |  |  |  |  |  |  |  |  |  |

* 1. List of possible places or haven where the affected population be evacuated in times of emergency or disaster.

*Example: Tsunami*

| Purok | Total Number of Population | | Total Number of Population likely to be Affected | | Name of Places or Haven where the Population be Evacuated |
| --- | --- | --- | --- | --- | --- |
| Families | Persons | Families | Persons |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |
| 6 |  |  |  |  |  |
| 7 |  |  |  |  |  |
| 8 |  |  |  |  |  |
| Total |  |  |  |  |  |

* 1. Evacuation and safe route map of the barangay where population are safe to evacuate in times of disaster or emergency.









* 1. Inventory of designated evacuation center of the barangay and city and municipal level (government and private owned)

| Name of Evacuation Center | Owner *(please check which is applicable)* | | Assessed by the Engineer  Check if Yes or Not | | Agreement to Use (MOU/MOA) | |
| --- | --- | --- | --- | --- | --- | --- |
| Government | Private | Yes | No | Have | None |
| School |  |  |  |  |  |  |
| Barangay Hall |  |  |  |  |  |  |
| Day Care Center |  |  |  |  |  |  |
| Barangay Health Center |  |  |  |  |  |  |
| Multi-purpose Building |  |  |  |  |  |  |
| Private House *(please write the name of house owner)* |  |  |  |  |  |  |
| Others *(please specify)* |  |  |  |  |  |  |

* 1. Relief distribution processes or protocols for food and non-food items in the designated evacuation centers or places.

| Name of Evacuation Center or Place | Type of Relief Goods (food or non-food) | Number | Quantity | Name of families or Individual who will Receive Goods | Places where they come from  *(name of purok/sitio/street/etc.)* |
| --- | --- | --- | --- | --- | --- |
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* 1. Inventory of received or acquired training by BDRRMC members

| Title of the Training or Orientation | Check () if Have and (x) if None | Duration of the Training or Orientation | Agency or Organization that provides Training or Orientation | Date of the activity conducted | Number of Attended Participants |
| --- | --- | --- | --- | --- | --- |
| 1. Orientation on RA 10121 (Children’s Emergency Relief and Protection Act) |  |  |  |  |  |
| 1. Orientation on RA 10121 (Philippine Disaster Risk Reduction and 2. Management Act) |  |  |  |  |  |
| 1. Orientation on Pre-Disaster Risk Assessment |  |  |  |  |  |
| 1. Orientation on Protocol for Management of the Dead & Missing |  |  |  |  |  |
| 1. Orientation on Camp Management |  |  |  |  |  |
| 1. Orientation on Incident Command System |  |  |  |  |  |
| 1. Training on First Aid and Basic Life Support |  |  |  |  |  |
| 1. Training on Search and Rescue (Basic) |  |  |  |  |  |
| 1. Training on Community-Based Disaster Risk Reduction and Management (CBDRRM) |  |  |  |  |  |
| 1. Training on Psychosocial Support |  |  |  |  |  |
| 1. Training on how to Conduct Simulation/Drills for Priority Hazards |  |  |  |  |  |
| 1. Training on Rapid Damage Assessment and Needs Analysis (RDANA) |  |  |  |  |  |
| 1. Others *(please specify)* |  |  |  |  |  |

* 1. Inventory of existing response equipment and materials of the BDRRMC that can be used during emergency or disaster.

| Equipment or Material | Check () if have and (x) if None | Remarks |
| --- | --- | --- |
| Spine Board |  |  |
| Axe |  |  |
| Fuel |  |  |
| Emergency Kit |  |  |
| Hand-held Radio |  |  |
| Helmet o hard hat |  |  |
| Batteries |  |  |
| Boots |  |  |
| Ropes |  |  |
| Search Light |  |  |
| Flash Light |  |  |
| Megaphone |  |  |
| Portable Generator or equivalent (e.g. solar panel) |  |  |
| Chainsaw *(optional)* |  |  |
| At iba pa\_\_\_\_\_\_\_*(paki-sulat)* |  |  |

* 1. Community – Based Early Warning System (ESW) for identified priority hazard.

| **Warning** | **Signal** | **Description of the Situation** | **Required Actions for every Warning Level** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
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1. **LEGAL BASES OF BDRRM PLAN**

**International**

* SENDAI FRAMEWORK Paragraph 33, Priority of the Framework “National and local government shall prepare or review and periodically update disaster preparedness and contingency policies, plans and programs”

**National**

* RA 10121, Rule 6, Sec 4 (3) IRR “The Provincial City and Municipal DRRMO’s or BDRRMC’s in coordination with concerned national agencies and instrumentalities, shall facilitate and support risk assessments and contingency planning activities at the local level”
* NDRRMC\_NSC JNC No 1, 2016 “All DRRMC’s at all levels and individual government departments, bureaus, agencies, offices, units and instrumentalities shall formulate contingency plans for natural and/or human-induced hazards appropriate to their areas in accordance with the prescribed Contingency Planning handbook”
* RA 10821, Children’s Emergency Relief and Protection Act
* RA 9729 (Climate Change Act)
* RA 1074 (People Survival Fund)
* All DILG Memorandum Circular or Joint Memorandum Circular with other Government Agencies and NDRRMC in relation to all DRRM.

**Local**

* Executive Order No. \_\_\_ series \_\_\_\_ (year): Creation of the Barangay Disaster Risk Reduction and Management Committee (BDRRMC)
* Barangay Resolution Adopting the BDRRM Plan
* Barangay Ordinance Approving the Utilization of the LDRRM Fund
* Others *(Please specify)*

1. **SUMMARY OF THE BDRRM PLAN *(based on the detailed programs, projects, and activities)***

| **Functional Area** | **Primary Activities** | **Fund/Source of Fund** | **Indicator** | **Person Responsible** |
| --- | --- | --- | --- | --- |
| 1. **Prevention and *Mitigation*** | Conduct of clean-up/declogging of drainage canals | 5,000/  LDF | Cleaned and unclogged drainage canals | BDRRMC |
|  | Conduct of Tree Planting Activity | 10,000/  SK Fund | Number of Trees Planted | BDRRMC and SK Chair |
|  | Construction of Slope Protection @ \_\_\_\_\_\_\_\_\_ |  | Slope Protection Constructed | C/M/BDRRMC |
|  | Construction of Flood Control Infrastructure |  | Flood Control Infrastructure Constructed | C/M/BDRRMC |
| 1. **Preparedness** | Procurement of Hand Held Radios for BDRRMC Members, Responders and Purok Leaders | 5,000/  70% LDRRMF | Procured | Sub-Committee Vice Chair on Preparedness |
|  | Conduct of Basic Life Support for BDRRMC Members, Responders and Selected Household | 30,000/  70% LDRRMF | Conducted | Sub-Committee Vice Chair on Preparedness |
|  | Conduct of First Aid Training for BDRRMC Members, Responders and Selected Household | 30,000/  70% LDRRMF | Conducted | Sub-Committee Vice Chair on Preparedness |
|  | Procurement of Generator | 10,000/  70% LDRRMF | Procured | Sub-Committee Vice Chair on Preparedness |
|  | Conduct of Basic Fire Fighting Course for BDRRMC Members, Responders and selected households | 30,000/  70% LDRRMF | Conducted | Sub-Committee Vice Chair on Preparedness |
|  | Orientation on Basic Incident Command System | 30,000/  70% LDRRMF | Conducted | Sub-Committee Vice Chair on Preparedness |
|  | Conduct of Search and Rescue Training for responders | 30,000/  70% LDRRMF | Conducted | Sub-Committee Vice Chair on Preparedness |
| 1. **Response** | Support to the deployment of responders | 10,000/  30% LDRRMF |  | Sub-Committee Vice Chair on Response |
| 1. **Rehabilitation & Recovery** | Conducted of Livelihood Seminar for Affected Population | 30,000/  30% LDRRMF |  | Sub-Committee Vice Chair on Rehab |

1. **DETAILED PROGRAMS, PROJECTS AND ACTIVITIES (PPAs)**

| **FUNCTIONAL AREA** | **Project, Program, Activities** | **Expected Output** | **Members Responsibilities** | **Performance**  **Indicators** | **Duration** | | | **Required Resources or Materials** | **Source of Fund** | **Responsible Committee or Person** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Y1 | Y2 | Y3 |
| 1. **Prevention and *Mitigation*** |  |  |  |  |  |  |  |  |  |  |
| 1. **Preparedness** |  |  |  |  |  |  |  |  |  |  |
| 1. **Response** |  |  |  |  |  |  |  |  |  |  |
| 1. **Rehabilitation & Recovery** |  |  |  |  |  |  |  |  |  |  |

1. **MONITORING AND EVALUATION**

**Monitoring and Evaluation of the programs, projects and activities identified in the Barangay DRRM Plan**

| **Project, Program, Activities** | **Expected Output** | **How to Monitor** | **Who will Monitor** | **When or how many times the monitoring and evaluation will be done** | **Reports or forms and documents to be used** | **Prepared by:** | **Submitted to:** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

***Example:***

| **Project, Program, Activities** | **Expected Output** | **How to Monitor** | **Who will Monitor** | **When or how many times the monitoring and evaluation will be done** | **Reports or forms and documents to be used** | **Prepared by:** | **Submitted to:** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1. *Construction of drainage canal* | *Proper drainage of canal to prevent massive flooding during typhoon or other hydro-meteorological events* | *Organize a group from BDRRMC to monitor and evaluate projects according to the timeframe, funds and activities* | *Lead by the Mitigation and Prevention Subcommittee of the BDRRMC, and members from various sectors.* | *Monitoring will begin at the star of the project implementation, during and before the end of the project implementations.* | *Approved Project Implementation Plan or Project Plan.*  *Contractual agreements or project makers.*  *Approved Budget or project funds* | *Kag. Aida Mayan*  *BDRRMC Sub-Committe Chairperson on Mitigation and Prevention* | *BDRRM Chairperson ng Barangay.* |

*Note: The assigned monitoring group or sub-committee is required to submit reports on the monitoring and evaluation results every time there is a BDRRMC’ or Barangay Development Council’s meeting.*

1. **ANNEXES OF BDRRM PLAN**

* Sangguniang Barangay Resolution adopting the BDRRM Plan
* Sangguniang Barangay Ordinance on the Utilization of BDRRM fund
* EO on the Creation and Composition of BDRRM Committee
* Specific Members of the Committee and other Partners (Directory)
* Memorandums of Agreement (MOA) o Memorandum of Understanding (MOU) with partners (schools, private and others)
* Protocols (Communication, Relief, Response, etc)
* Contingency Plan
* Photos
* Others