

Barangay Sta. Isabel, Mac Arthur, Leyte

HISTORICAL TIMELINE

Output #1



Types of Disaster	Rebel Attacks	Typhoon Yolanda
Date of Major Occurrence	1985, 1986 and 1987	November 2013
Impact and Strength	Total destruction	Signal No. 4
Loss of Life/ Injured	40% of barangay's population was killed	NONE
Property	Houses were totally damaged/burned	Houses were totally damaged
Infrastructures	100% infrastructural damage	Infrastructures present in the barangay were totally destroyed
Agriculture	Livestock were destroyed, crops were abused	A variety of crops were destroyed
Environment	Dead animals were scattered	Trees were down, debris were all over the barangay
Estimated Amount of Damage	₱ 10,000,000	₱ 20,000,000

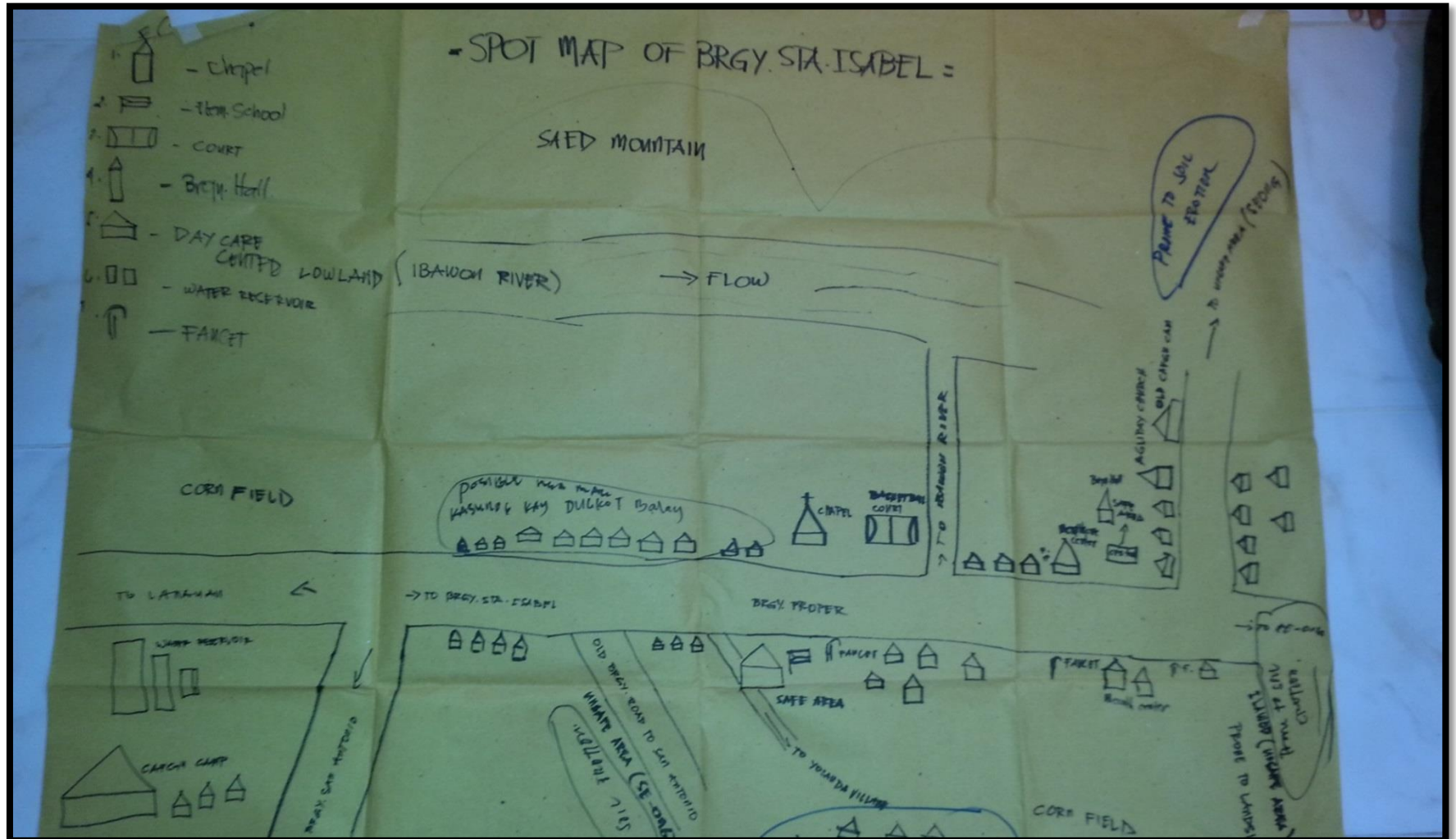
Barangay Sta. Isabel, Mac Arthur, Leyte

HAZARD MAP

Output #2



In partnership with
American Red Cross



Barangay Sta. Isabel, Mac Arthur, Leyte

RISK/VULNERABILITY ASSESSMENT

Output #3



Types of Hazard	RISKS			Reason
	Low	Medium	High	
Soil Erosion		x		<ul style="list-style-type: none">• There are no trees or plants that could hold the soil in the cliffs.• Soil erosion always happens during heavy rain fall.
Fire		x		<ul style="list-style-type: none">• Houses are situated near each other.• Most houses are made of light materials.
Falling coconut fruits		x		<ul style="list-style-type: none">• Some houses are located near coconut plantation.• Happens when there are strong winds and heavy rains.

VULNERABILITY and CAPACITY ANALYSIS

Output #5a



Hazard Aspect (Soil Erosion)	Vulnerabilities	Capacities	Possible Actions
Physical/Material	<ul style="list-style-type: none">• Some houses are located near the cliffs• Soil is eroded during heavy rain fall• No trees and plants can be found in the cliff	<ul style="list-style-type: none">• Some areas in the barangay are not prone to soil erosion	<ul style="list-style-type: none">• Discourage building houses near the cliffs• Build riprap• Initiate tree growing activities
Social/Organizational	<ul style="list-style-type: none">• BDRRMC lacks experience in handling such matter• Inadequate knowledge on effects of soil erosion	<ul style="list-style-type: none">• Barangay has an existing BDRRMC	<ul style="list-style-type: none">• Conduct awareness campaigns and trainings• Participate in any meetings or seminars concerning the safety of the barangay
Motivational/Attitudinal	<ul style="list-style-type: none">• Some people do not cooperate• Some people do not heed the instructions of the people in authority and react negatively to this matter	<ul style="list-style-type: none">• Some people are willing to help residents in cases of emergency• Some people immediately take positive action and follow instructions	<ul style="list-style-type: none">• Call for a barangay assembly to educate the community on this matter

VULNERABILITY and CAPACITY ANALYSIS

Output #5b
































Hazard Aspect (Falling coconut fruits)	Vulnerabilities	Capacities	Possible Actions
Physical/Material	<ul style="list-style-type: none">• Some houses are located near coconut plantations	<ul style="list-style-type: none">• Some areas in the barangay can be used as relocation sites	<ul style="list-style-type: none">• Encourage residents near coconut plantations to relocate
Social/Organizational	<ul style="list-style-type: none">• No organization handles this matter at present	<ul style="list-style-type: none">• Coconut farmers are willing to take on this matter by forming a committee	<ul style="list-style-type: none">• Conduct trainings and seminars for coconut farmers
Motivational/Attitudinal	<ul style="list-style-type: none">• Some people are not interested about this hazard.	-	<ul style="list-style-type: none">• Conduct awareness campaigns

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SEASONAL CALENDAR

Output #6



SEASONS	January	February	March	April	May	June	July	August	September	October	November	December
New Year's day												
Labor day												
Rainy days												
Grand Aurora												
Brigada Eskwela												
Enrollment												
Closing												
Exercises/Graduation												
Planting Season												
All Souls' Day												
Christmas												
Barangay Assembly												
Harvest												
San Juan												
Dry Season												
Holy Week												

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SEASONAL CALENDAR LEGENDS

Output #6a

	New Year's Day
	Labor Day
	Rainy Days
	Grand Aurora
	Brigada Eskwela
	Enrollment
	Closing Exercises/Graduation
	Planting Season
	All Souls' Day
	Christmas
	Barangay Assembly
	Harvest
	San Juan
	Dry Season
	Holy Week



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PRIORITY MATRIX

Output #8



	ROAD	SCHOOL BUILDING	CHURCH	DRAINAGE	MULTI PURPOSE HALL	MEDICINES	SHELTER	HEALTH CENTER	STREET LIGHTS	WATER	LIVELIHOOD	TOTAL	
ROAD		2	3	3	4	2	1	1	1	1	1	19	11 th Priority
SCHOOL BUILDING	4		4	4	4	2	2	2	2	2	2	28	6 th Priority
CHURCH	3	2		4	4	4	2	2	4	2	2	29	4 th Priority
DRAINAGE	3	2	2		2	2	2	2	2	2	2	21	10 th Priority
MULTI-PURPOSE HALL	2	2	2	4		2	2	2	2	2	2	22	9 th Priority
MEDICINES	4	4	2	4	4		2	2	2	2	2	28	7 th Priority
SHELTER	5	5	5	5	5	5		5	5	3	3	46	1 st Priority
HEALTH CENTER	4	2	2	4	4	3	2		4	2	2	29	5 th Priority
STREET LIGHTS	4	2	2	4	4	3	2	2		2	2	27	8 th Priority
WATER	4	5	3	5	5	3	3	4	3		3	38	3 rd Priority
LIVELIHOOD	5	5	5	5	5	3	3	5	5	3		44	2 nd Priority

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RESOURCE MATRIX

Output #9



ACTIVITIES/ RESOURCES	HUMAN	FINANCE	SOCIAL	PHYSICAL	NATURAL
SHELTER	✓	×	✓	✓	✓
LIVELIHOOD	✓	×	✓	✓	✓
WATER	✓	×	✓	×	✓
CHURCH	✓	×	✓	✓	✓
HEALTH CENTER	✓	×	✓	✓	✓
MEDICINES	✓	×	✓	×	×
SCHOOL BUILDING	✓	×	✓	✓	✓
STREETLIGHTS	✓	×	✓	✓	✓
MULTIPURPOSE HALL	✓	×	✓	✓	✓
DRAINAGE	✓	×	✓	✓	✓
ROAD	✓	×	✓	✓	✓

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COMMITTEES



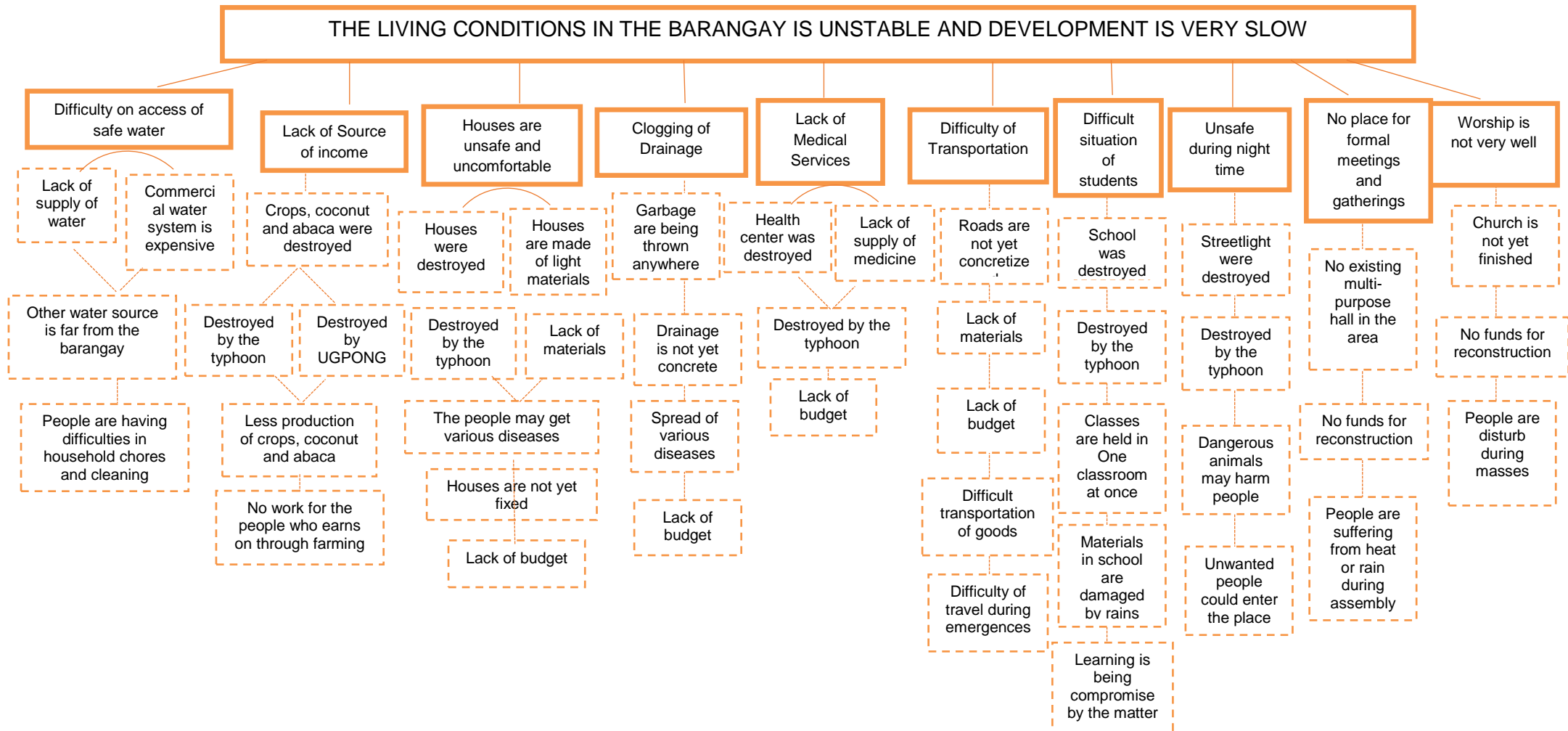
WATER and SANITATION	LIVELIHOOD	SHELTER	DRR
Chairman: Marvin Zabala	Chairman: Chariza Pangan	Chairman: Emelyn Besmanos	Chairman: Emelyn Besmanos
Falcon Bignotea	Elsa Maat	Sonia Rapada	Sonia Rapada
Eliseo Rapada	Wilma Jaime	Marites Guazon	Marites Guazon
Geronimo Belleza	Rosemarie Rapada	Erlinda Laurino	Erlinda Laurino
Joray Bignotea	Editha Bendoy	Arlene Rapada	Arlene Rapada

PROBLEM TREE

Output #7



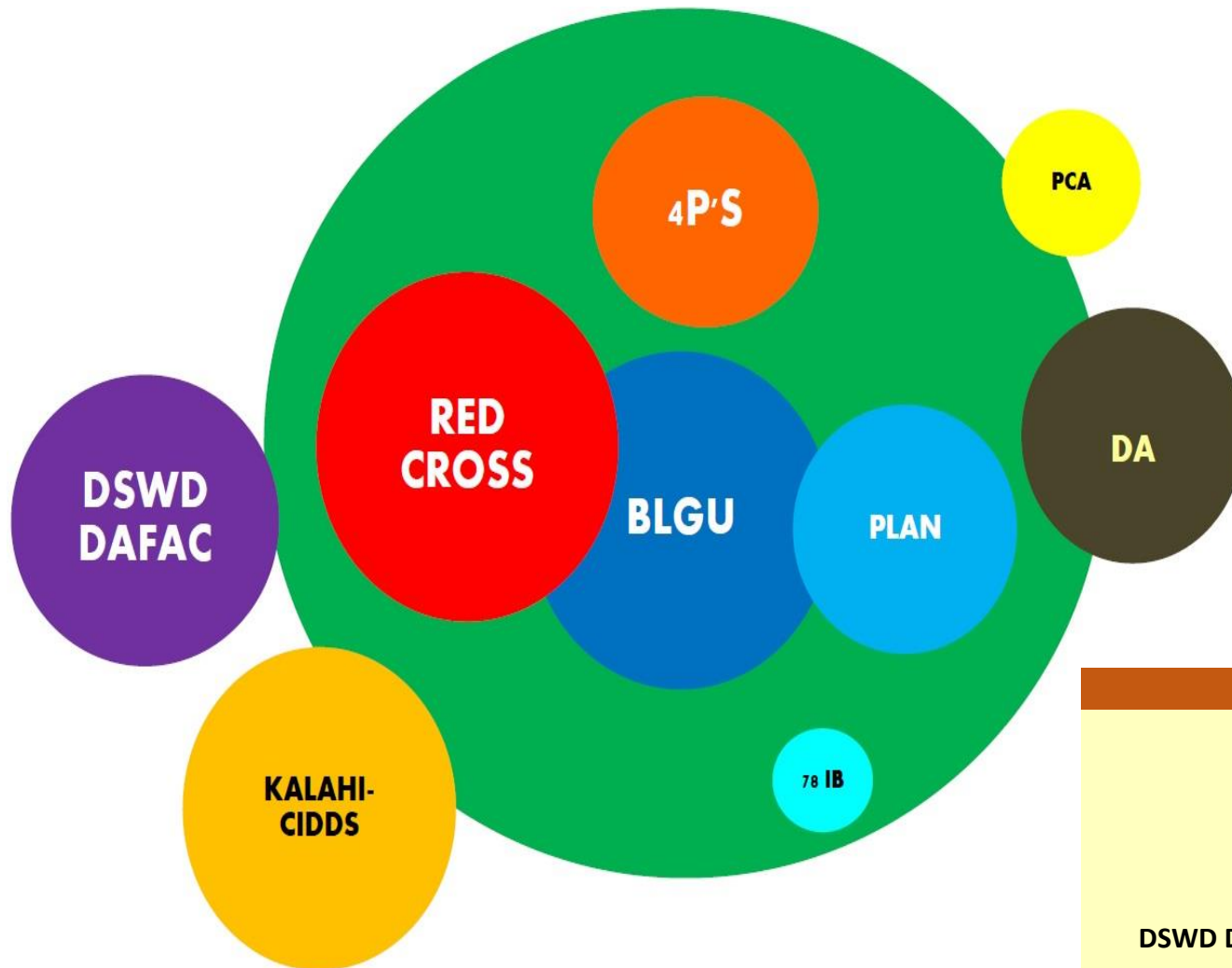
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VENN DIAGRAM

Output #4



Organizations working in the barangay:

Red Cross
KALAHY-CIDSS
PLAN
DA
78th IB
DSWD DAFAC (Disaster Assistance and Family Access Card)
4Ps
PCA