

Republic of the Philippines
Department of the Interior and Local Government
NATIONAL BARANGAY OPERATIONS OFFICE

BARANGAY ECOLOGICAL PROFILE

Barangay: DUPAC Municipality: ASINGAN
Province: PANGASINAN Region: I

PART I: ECOLOGICAL PROFILE

A. HISTORICAL PROFILE

A-1: History

A-2: Nature of Existence

1. Legal Basis of Creation: _____ dated not applicable
2. Date of Plebiscite/Ratification: _____
3. Mother Barangay: not applicable
4. Old Name, if renamed: not applicable

B. PHYSIOGRAPHIC PROFILE

B-1: Type of Barangay
Urban X Rural _____ Tribal _____

B-2: Geographical Location (Boundaries)

East	<u>BANTOG</u>
West	<u>MACALONG</u>
North	<u>SAN VICENTE</u>
South	<u>POB. EAST</u>

B-3: Total Land Area:

Land Area in Square Kilometer	Land Area in Hectare	% to total Land Area of the municipality
<u>3.2427</u>	<u>324.27</u>	<u>4.8%</u>

B-4: Distance From:

1. Poblacion: 2km
2. Provincial Capital: Lingayen 59 km.
3. National Highway: 13kms

B-5: Terrain Characteristics

Type	0-25%	26-50%	51-75%	76-100%
1. Urban - Coastal	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>
2. Urban - Landlocked	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>

B-6: Distribution of Land

Type of Use	Land Area (Sq. Kilometers)	Land Area (Hectare)	% to total Land Area of the barangay
1. Agricultural	<u>1.61</u>	<u>161</u>	<u>49.65</u>
2. Aquatic	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>
3. Residential	<u>1.57495</u>	<u>157.50</u>	<u>48.57</u>
4. Commercial	<u>0.0025</u>	<u>0.25</u>	<u>0.08</u>
5. Forest	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>
6. Idle Lands	<u>0.5</u>	<u>5</u>	<u>1.54</u>

C. SOCIAL PROFILE

C-1: Population: 2,926 Total # of HHs: 524 Total # of Families: 1,138

Total # of Informal Settlers: 4 Public land
5 Private land with permission

C-2: Population Data

Population	Male	Female	Total
Children 0-5 years old	<u>154</u>	<u>157</u>	<u>311</u>
Children 6-12 years old	<u>196</u>	<u>168</u>	<u>364</u>
Children 13-17 years old	<u>145</u>	<u>128</u>	<u>273</u>
Adult 18-35 years old	<u>454</u>	<u>435</u>	<u>889</u>
Adult 36-50 years old	<u>291</u>	<u>275</u>	<u>566</u>
Adult 51-65 years old	<u>138</u>	<u>166</u>	<u>304</u>
Adult 66 and above	<u>85</u>	<u>134</u>	<u>219</u>
TOTAL	<u>1,463</u>	<u>1,463</u>	<u>2,926</u>

C-7: Health and Nutrition (Percentage of malnourished children by age group and by degree of malnutrition)

Actual No. of Preschoolers weighed 0-71 months old: 108

Age Group	Normal			Underweight			Severely Underweight			Overweight		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
0-5 mons.	1	0	1	5	4	9	4	3	7	1	0	1
6-11 mons.	12	8	20	0	1	1	0	0	0	0	0	0
12-23 mons.	11	9	20	2	0	1	0	0	0	3	1	4
24-35 mons.	8	9	17	0	1	1	1	0	1	0	1	1
36-47 mons.	7	6	13	1	0	1	0	2	2	2	0	2
48-59 mons.	6	10	16	5	3	8	0	1	1	1	1	2
60-71 mons.	12	9	21	2	1	3	3	1	4	4	1	5
TOTAL	57	51	108	15	10	25	8	7	15	11	4	15
PERCENTAGE	52.78	47.22	100 %	13.89	9.26	23.15	7.41	6.48	13.89	10.19	3.70	13.89

D. INFRA-UTILITIES

D-1: Education

Type	Number		
	Public	Private	Total
a. Pre-school/Day Care	1	0	1
b. Primary/Elementary	1	0	1
c. Secondary	0	0	0
d. Vocational/Technical	0	0	0
e. College/University	0	0	0
f. Others	0	0	0

D-2: Housing

Type	Number
1. Permanent (concrete, woods, and G.I. Sheets)	315
2. Semi-permanent (woods and G.I. Sheets)	108
3. Temporary (bamboo, sawali and nipa/cogon)	101

D-3: Source of Potable Water

Source of Water	Number	No. of People Served	% to total Population
1. Piped/Tubed/Level III	306	1,434	49.0 %
2. Deep Well	204	1,441	49.24 %
3. Open/Dug Well	14	51	1.74 %
4. Surface (lakes, spring, river)		0	0
5. Other sources		0	0

C-3: Civil Status

Civil Status	Male	Female	Total	% to total Population
Single	827	776	1,603	54.78 %
Married	620	680	1,300	44.42 %
Widow/Widower	15	5	20	0.68 %
Separated	1	2	3	0.10 %
TOTAL	1,463	1,463	2,926	

C-4: Religion

Religion	Number	% to total Population
1. Roman Catholic	2,589	88.48 %
2. Iglesia ni Cristo	53	1.81 %
3. Islam	21	0.71 %
4. Others: specify		
Methodist	52	1.77 %
Independiente	65	2.22 %
Tunay na Iglesia	0	0.00 %
Crusader	29	0.99 %
Mormon—	5	0.17 %
Born Again	96	3.28 %
Jehova's Witness	16	0.54 %

C-5: Language/Dialects Predominantly Spoken

Language/Dialect	Number	% to total Population
1. English	49	1.67 %
2. Tagalog	469	16.02 %
3. Bicolano	147	5.02 %
4. Ilocano	2,220	75.87 %
5. Other dialects: Visaya	25	0.85 %
Pangalatot	16	0.54 %

C-6: Ethnic Groups

Ethnic Groups	Number	% to total Population
1. Aeta	0	0
2. Lumad	0	0
3. Tasaday	0	0
4. Maranao	0	0
5. Badjao	0	0
6. Tausug	0	0
7. Others, specify:	0	0

D-4: Sources of Lighting

Source	No. of Households Served	% to total Households
1. Electricity	506	98.56 %
2. Kerosene	13	2.48 %
3. LPG	3	0.57 %
4. Solar	2	0.38 %
5. Others (specify)	0	

D-5: Toilet Facilities

Type	Number	% to total Households
1. Modern Type (commercial bowls)	84	16.03 %
2. Water Sealed	403	76.90 %
3. Pit Type	37	7.06 %

D-6: Health Facilities and Services

Type	Number	No. of People Served
1. Hospital	1	445/year
2. Health Center	1	35/month
3. Dental Clinic	n/a	n/a
4. Medical Mission	1	205 (April 2012)
5. Others (specify)	n/a	n/a

D-7: Sports and Recreational Facilities

Type	Number	No. of People Served
1. Covered Courts	n/a	n/a
2. Gyms	n/a	n/a
3. Basketball Courts	3	256/year
4. Parks	n/a	n/a
Others (specify)		

D-8: Transport Facilities and Services

a.) Bridge in meter by Administrative level

Type	Administrative Level by Linear Meter				Total	Operational or Non-Operational
	National	Provincial	City/Mun.	Barangay		
1. Steel	15					Operational
2. Wooden	n/a					n/a
3. Hanging	n/a					n/a

b.) Road Network in Kilometers by surface type and by administrative level

Type	Administrative Level by Linear Meter					Condition (Good or Needs Repair)
	National	Provincial	City/Mun.	Barangay	Total (brgy. Rd.)	
1. Concrete	1500		1700	780		Good
2. Asphalt		3000	n/a	485		Good
3. Gravel	n/a	300	n/a	4465		Good
4. Earth Fill	n/a	n/a	n/a	3000		needs repair
TOTAL	1500	3300	1700	8730		

c.) Means of Transportation (Pls. Check)

Bus	<u>n/a</u>	Pedicab	<u>n/a</u>
Jeepney	<u>n/a</u>	Cart	<u>n/a</u>
Taxi	<u>n/a</u>	Others	<u>Hand tractors, bikes, tribikes</u>
Tricycle	<u>✓</u>		

D-9: Communication Services (Pls. Check)

Type	If not present, state distance to the nearest service
1. Pay Telephone	2 kms
2. Cellular Network/Site	2 kms
3. Internet	
4. Postal Services	2 kms
5. Telegraph	2 kms
6. Others (pls. specify)	n/a

E. ECONOMIC PROFILE

Labor Force: Male 883 Female 876 Total: 1759

EMPLOYMENT DATA	MALE	FEMALE	TOTAL
1.) No. of Locally Employed	63	54	117
- Government			
- Private	40	62	102
2.) No. of Employed Overseas	114	120	234
Total No. of Employed Residents (1+2)	217	236	453
Total No. of Unemployed Residents (Labor Force - Total No. of Employed Residents)	666	640	1,306
Total No. of Self-Employed	126	110	236

Profession/Vocation (Those who passed the Corresponding Examinations)	Number	Unemployed	Employed
1. Doctors	0	0	0
2. Engineers	23	5	18
3. Nurses	18	4	14
4. Teachers	56	15	41
5. Seamen	2	0	2
6. Skilled Workers, specify	carpenter 32	21	12
Carpenters, line-men, drivers,	drivers 2	0	2
Dressmakers, rice mill operators	dressmaker 15	8	7
	rice mill 15	0	15

E-2: Major Sources of Livelihood (e.g. farming, fishing, employment, business)

- Rank: 1. Farming (gear raising, palay, corn, hog raising, aqua culture)
2. Employment
3. Business

Major Locally produced Products/Raw Materials

1. Rice and Corn
2. Furniture
3. Livestock

E-3: Distribution of Establishments by major economic sector

1.) Agricultural Establishment.

Type	Number
a. Poultry/Livestock Farms	3
b. Nurseries/Flower Growing	n/a
c. Breeding Stations	n/a
d. Fishponds/Fishpens	3
e. Oyster/Mussel Farms	n/a
f. Orchards/Vineyards	n/a
g. Vegetables Farms	n/a
h. Others (specify)	n/a

F. LOCAL ADMINISTRATION DATA

F-1: Registered Voters

Election Data	2007 COMELEC Data	2010 COMELEC Data
1. Registered Voters	1,115	1,160
2. Numbers of Voters Actually Voted	816	929

F-2: Barangay Government and Administration

1. Fiscal Capability

A. Income of the Barangay from Regular Sources

Sources of Income	Amount		
	FY 2009	FY 2010	FY 2011
A. Internal			
1. Revenue from Tax Ordinance	6655	3480	4430
2. Barangay Fees and Charges	9271.07	10,257.50	11856.01
3. Others (Donations/Fund Raising)	1,378.00		
B. External			
1. Internal Revenue Allotment	1183383.00	1,260,319	1,363,180
2. Real Property Tax Share	31,697.30	35129.19	74,533.73
3. Share from Sand, Gravel and Other Quarry resources			
4. Community Tax Share	10,132.45	10,1155	11,519.55
5. Proceeds from the Development Utilization of National Wealth			
6. Annual Contributions to Barangay			
a. City/Municipality		1,000	1,000
b. Provincial		5,000	5,000
7. Others (specify)			

B. Actual Expenditures

Expenses	Amount		
	FY 2009	FY 2010	FY 2011
1. Personal Services	734,711.35	700,161.85	765,194.09
2. Maintenance and Other Expenses	131,563.17	151,597.69	173,211.94
3. Capital Outlay		24,786.00	71,322.00
TOTAL	866,274.52	876,545.54	1009,728.03

C. Infrastructure

1. Commercial Establishment

Type	Number
1. Sari-Sari Store	24
2. Supermarkets	n/a
3. Groceries/Dry Goods Stores	n/a
4. Banks and Financial	n/a
5. Auto Supply Stores	n/a
6. Distributions, Dealers of Various Products	3
7. Gasoline Station	n/a
8. Photo and Record Shops	n/a
9. Hospital/Clinic	1
10. Jewelry Stores	n/a
11. Pawnshop	n/a
12. General Services/Contractors	1
13. Beauty Parlors and Barber Shops	n/a
14. Fitness Gyms	n/a
15. Restaurants	1
16. Insurance/dealer in Securities	n/a
17. Furniture Stores	3
18. Livestock and Poultry Supply Stores	n/a
19. Hardware	1
20. Funeral Homes	1
21. Water Refilling Station	n/a
22. RTW Shop	n/a
23. Micro Lending	n/a
24. Bicycle Spare parts	n/a
25. Videoke Shops	1
26. Internet Café Shops	n/a

2. Industrial/Manufacturing Establishment

Type	Number
1. Handicraft	n/a
2. Metal craft	1
3. Furniture	3
4. Garments	n/a
5. Ceramics	n/a
6. Food processing	n/a
7. Mining and quarrying	n/a
8. Factories	n/a
9. Rice/Flour/Corn Mills	4

F-3: Facilities owned and/or operated by the Barangay Government as of CY 2010 (pls. check)

Facilities	Pls. check if present
a. Barangay Hall/Multi-purpose Hall	✓
b. Barangay Health Center	✓
c. Day Care Center	✓
d. Barangay Reading Center	✓
e. Gabay sa Mamamayan Aksyon Center	n/a
f. Multi-purpose Pavement	✓
g. Market/Talipapa	n/a
h. Playground	n/a
i. Others	n/a

PART II: SITUATIONAL ANALYSIS

A. SOCIAL

- * Food and Nutrition
- * health
- * Water and Sanitation
- * Clothing
- * Peace and Order and Public Safety
- * Education and Literacy
- * Others

B. ECONOMIC

- * Income and Employment
- * Market
- * Energy
- * Others

C. INFRA

- * Transport Services
- * Vehicle Ownership
- * Others

D. ENVIRONMENT

- * Solid Waste Management
- * Environment Concerns
- * Coastal resources
- * Others

Prepared by:

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Submitted by:

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* DISTRIBUTION OF LAND BY USE

Type of Use	Land Area (Sq. Kilometers)	Land Area (Hectare)	% to total Land Area of the barangay
1. Agricultural	1.61	161	49.65 %
2. Aquatic	n/a	n/a	n/a
3. Residential	1.57	157.50	48.57 %
4. Commercial	0.0025	0.25	0.8 %
5. Forest	n/a	n/a	n/a
6. Idle Lands	0.05	.5	1.54 %
7. Agro-industrial (rice mill)	0.005	0.5	0.15 %
8. Special use (cemetery)	n/a	n/a	n/a
9. Industrial-furniture making	0.00025	0.025	0.01

* POPULATION DATA

AGE BRACKET	SEX		TOTAL
	Male	Female	
Under 1	20	104	124
Age 1-4	102	114	216
Age 5-9	145	121	266
Age 10-14	150	115	265
Age 15-19	100	127	227
Age 20-24	127	122	249
Age 25-29	126	126	252
Age 30-34	118	135	253
Age 35-39	132	118	250
Age 40-44	127	69	196
Age 45-49	82	61	143
Age 50-54	77	48	125
Age 55-59	47	54	101
Age 60-64	30	49	79
Age 65-69	20	35	55
Age 70-74	34	37	71
Age 75-79	16	13	29
Age 80-84	8	14	22
85 over	2	1	3
GRAND TOTAL	1,463	1,463	2,926

BARANGAY LAY-OUT PER ZONE

[illegible]