

BIBLIOGRAPHY

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ABSTRACT

The study was conducted to assess and inventory the possible attractions in the area, assess and identify the infrastructures and services offered or available, and to identify the LGU's plan and development programs.

The study was conducted in Kapangan, Benguet from January to March 2012. A total of 71 respondents composed of 60 barangay officials and 11 concerned municipal officials. The study was conducted through the use of focus discussion with a follow up interview. The data gathered were categorized, tabulated and descriptive statistics such as frequency counts, percentage, average, ranking and mean.

According to the result of the study, most of the respondents were at their middle age 46-51. The finding reveals that all of them are in favor to make the municipality of Kapangan a tourist destination area. According to the respondents they want to make the municipality a friendly eco-cultural tourism destination. They also foresee that ecotourism can contribute to the development of Kapangan. Their local products would be promoted, and employment and income and of the people would increase. The result showed that there were a total of twelve (12) tourist attractions in the municipality of Kapangan as follows: Amburayan River, Anthurium Forest, Longog Cave, Sta. Clause



Mountain, Obellan Rice Terraces, Dumanay Burial Cave, Puga Burial Cave, Camp Utopia Mountain, Bolalacao Cave, Hanging Kilong-Coffins, Anitap Festival and Christmas Ed Kapangan. The tourist attractions were categorized into four (4) by the respondents as follows: natural attraction, cultural attraction, historical heritage, and recreational attraction. The inventory evaluation comprises of the scenic value, biodiversity, cultural value, uses and activities, community participation, site control, access, and product development. Each of these is rated on a scale of one to five, in which one as poor, two as good, three as fair, four as very good and five as excellent. The overall result of the inventory evaluations of the attractions showed that the following attractions have excellent interpretation: Anitap Festival, Christmas Ed Kapangan, Bolalacao Cave, Amburayan River, Longog Cave and Obellan Rice Terraces while Anthurium Forest and Sta. Claus Mountain have very good interpretation and fair interpretation for the Puga Burial Cave, Camp Utopia Mountain, Hanging Kilong-Coffins and Dumanay Burial Cave. Based from the overall result of the evaluation these are the top five attractions Anitap Festival, Christmas Ed Kapangan, Longog Cave, Bolalacao Cave and Amburayan River. For the socio- cultural concern majority of the historical/heritage attractions were assessed as potential disruptions and medium condition/renovation. On the top five tourist attractions; Anitap Festival, Christmas Ed Kapangan, Longog Cave, Bolalacao Cave and Amburayan River the respondents voted that the following infrastructures for transportation; highways, secondary road and car rental are available in the area. These are connected to the location, reliable and safe, and environmentally sustainable. On the public service the respondents voted that the following service local police force prepared handle increased duties, emergency road service, visitors get emergency healthcare, public restroom, cleaned and



maintained public restrooms, clean streets and public areas, and cellular phones are available on the area attraction only internet service and ambulance are not available on the areas of the attractions but the local government unit hospital has ambulance and prepared to take service incase of emergency. This implies that among the public service given most of them are available in the area of the attraction so tourist would surely be secured and so with good service.

The local government unit of Kapangan plan and development programs are the following; 1) training and seminars to all the tourism stakeholders, 2) barangay tourism action plan 3) municipal action plan on the submitted barangay action plans on tourism 4) establishment of museum 5) enhancement of the Anitap festival and Christmas Ed Kapangan 6) tour guiding seminar 7) constructions of tourism facilities on the different areas of the destination 8) validation of local tourist spots. Others are preservation of communal forests, formulation and implementation of the municipal environment code and seminars, trainings and other activities that is related or that support the environment and natural resources.



RESULTS AND DISCUSSION

Profile of the Respondents

Table 1 presents the profile of the respondents as to position and age.

Position. There were seventy one (71) respondents consisting of eleven (11) municipal officials and sixty (60) barangay officials. The municipal officials included were the mayor, the vice mayor, the secretary, the municipal engineer who is a member of the Tourism Committee, and seven municipal councilors. The barangay officials consisted of 14 barangay chairmen and 46 barangay councilmen.

Age. The ages of the respondents ranged from 28 years old as the youngest to 69 years old as the oldest. This shows that the respondents are a mixture of younger ones with new and innovative ideas and the older ones who are well aware of the geography and culture of the place.

Table 1. Profile of the respondents

PARTICULARS	FREQUENCY	PERCENTAGE
Position		
Municipal officials	11	15.5
Barangay officials	60	84.5
Total	71	100.00



Table 1. continued...

PARTICULARS	FREQUENCY	PERCENTAGE
Age (yrs.)		
28-33	4	5.63
34-39	4	5.64
40-45	14	19.72
46-51	23	32.40
52-57	17	23.93
58-63	8	11.27
64-69	1	1.41
TOTAL	71	100.00

Opinion of the Respondents for Kapangan to become a Tourist destination

Table 2 presents the responses of the respondents if they want Kapangan to become a tourist destination area. The finding reveals that all of them are in favor to make the municipality of Kapangan a tourist area. The respondents wanted to make the municipality a friendly eco-cultural tourism destination. They also foresee that ecotourism can contribute to the development of Kapangan. Their local products would be promoted, and employment and income of the people would increase.



Table 2. Response of the respondents if they like Kapangan to become a tourist destination

	RESPONSES				TOTAL	
	Yes		No		F	%
	F	%	F	%		
Municipal officials	11	15.49	-	-	11	100
Barangay officials	60	84.51	-	-	60	100
Total	71	100	-	-	71	100

List of Attractions According to their Categories

The different tourist attractions in Kapangan were categorized into four (4) by the respondents as follows: natural attraction, cultural attraction, historical heritage, and recreational. There were a total of twelve (12) tourist attractions in the place. Table 3 presents that the following attractions; Amburayan River, Anthurium Forest, Longog Cave, Sta. Claus Mountain, Obellan Rice terraces, Dumanay Burial Cave, Camp utopia and Bolalacao Cave were categorized as natural attractions. Some also were categorized as both natural and historical/heritage and these are the following; Anthurium forest, Obellan Rice Terraces, Dumanay Burial Cave, Camp Utopia Mountain and Bolalacao Cave. Puga Burial Cave and Hanging Kilong-coffins were categorized as historical/heritage attractions and the rest were categorized as cultural and recreational attractions.



Table 3. List of attractions according to their categories

ATTRACTIONS	CATEGORIES
Amburayan River	Natural Attractions
Anthurium Forest	Both Natural and Historical/Heritage Attractions
Longog Cave	Natural Attractions
Sta. Clause Mountain	Natural Attractions
Obellan Rice Terraces	Both Natural and Historical/Heritage Attractions
Dumanay Burial Cave	Both Natural and Historical/Heritage Attractions
Puga Burial Cave	Historical/heritage Attractions
Camp Utopia Mountain	Both natural and Historical/Heritage Attractions
Bolalacao Cave	Both Natural and Historical Attractions
Hanging Kilong-Coffins	Historical/Heritage Attractions
Anitap Festival	Cultural attractions
Christmas Ed Kapangan	Both cultural and Recreational Attractions

Assessment of the Different Tourist Destination

Amburayan River. Amburayan River is located in Cuba, Kapangan five kilometers away from the central point of the municipality. Figure 2 presents a sample view of the river. It offers activities such as swimming, fishing, and rafting. It is a common fishing ground of the residents in the municipality that it traverses. Different aquatic resources could be found like eel, small shrimps, bunog, wadingan, and kampa. Along the riverbanks



are favorite camping or picnic sites. Table 4 presents the assessment of the respondents related to the potential of the place as a tourist attraction. These comprise of the ease of access, potential use, environmental fragility of the place, and potential market draw. For Amburayan River it is easy to access, has medium potential use, water is not polluted and safe for washing and bathing and has potential market draw which is good for one day stay in the place.

This implies that Amburayan River is a potential tourist attraction as rated by the respondents.

Table 4. Assessment of the respondents on the potential of Amburayan River as a tourist attraction.

PARTICULARS	MEAN	DESCRIPTION
Ease of access	1	Easy
Potential Use	1.94	Medium
Environmental Fragility	2	Water Source
Potential Market Draw	1	1 Day stay

Legend:

Ease of Access: 1-Easy 2-Moderate 3-Difficult Potential use: 1-high 2-Medim 3-Low

Environmental Fragility: 1-Endangered Species nesting area 2-Water source 3-possible problem on waste management

Market draw: 1- 1Day stay 2-weekends stay 3-Long stay





Figure 2. Different views of Amburayan River

Anthurium Forest. Anthurium Forest is located in Labueg, Kapangan two kilometers away from the central point of the municipality. This is a four-hectare forest with anthurium plantation privately owned by Mr. Burcio. Different varieties of anthurium are planted in between naturally grown trees and shrubs without much alteration to the natural contour of the place. Figure 3 presents a picture of one the anthurium plantation.

Table 5 presents the assessment of the respondents on the potential of the Anthurium Forest as a tourist attraction. The assessment made showed that the place has ease of access however, the foot path leading to the place should be improved, medium potential use, endangered species are nesting in the area for the environmental fragility, and potential market draw which is good for one day stay.



Figure 3. A view of one of the anthurium plantation inside the forest

(http://Benguet.gov.ph/index.php?option=com_content&view=article&id=267&Itemid=281)

Table 5. Assessment of the respondent on the potential of Anthurium Forest as a tourist attraction

PARTICULARS	MEAN	DESCRIPTION
Ease of Access	1	Easy
Potential Use	1.90	Medium
Environmental Fragility	3	Endangered Species Nesting in the area
Socio-cultural concern	4	Improvement of Foot Path
Potential Market Draw	1	Day trip

Longog Cave. Longog cave is located in Balakbak, Kapangan eight kilometers away from the central point of the municipality. It has a number of entrance and an egress point. The scenic views inside the cave include a massive complex of rock columns and pillars that make the floors and ceiling more attractive. Table 6 presents the assessment of the respondents on the potential of Longog Cave as a tourist attraction. Longog Cave has moderate ease of access, has medium potential use, water source for the environmental fragility, potential disruption for the socio-cultural concern and potential market draw which is weekend stay.

Sta. Clause Mountain. Sta. Claus Mountain is found in Balakbak, Kapangan eight kilometers away from the central point of the municipality. This mountain when viewed from a distance, displays the head of a man and other features depending on how one looks at it. It also depicts the face of Santa Claus, thus it was named. Table 7 presents the assessment of the respondents on the potential of Sta. Clause Mountain as a tourist attraction. For Sta. Claus Mountain it has moderate access, medium potential use endan-



Table 6. Assessment of the respondents on the potential of Longog Cave as a tourist attraction

PARTICULARS	MEAN	DESCRIPTION
Ease of access	2	Moderate
Potential Use	1.88	Medium
Environmental Fragility	1.87	Water source
Socio-cultural concern	1.92	Potential Disruption
Potential Market Draw	2	Weekend stay

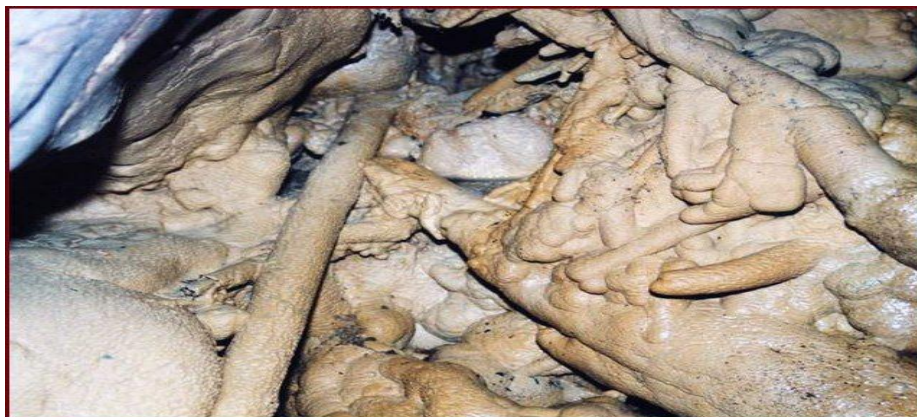
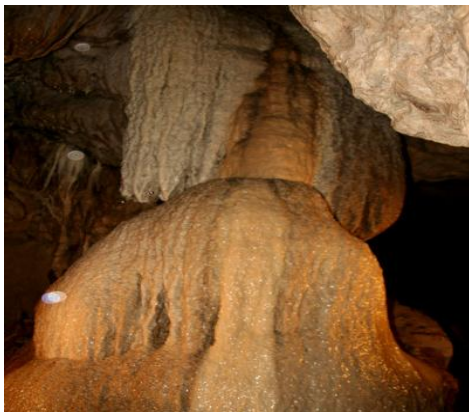


Figure 4. Sample views inside the Longog cave (http://Benguet.gov.ph/index.php?option=com_content&view=article&id=267&Itemid=281)

gered species nesting area for the environmental fragility, potential disruption for the socio-cultural concern and potential market draw which is weekend stay.



Figure 5. Far and closer View of Sta. Clause Mountain (http://Benguet.gov.ph/index.php?option=com_content&view=article&id=267&Itemid=281)

Table 7. Assessment of the respondents on the potential of Sta. Clause Mountain as a tourist attraction

PARTICULARS	MEAN	DESCRIPTION
Ease of access	1.85	Moderate
Potential Use	1.38	Medium
Environmental Fragility	1	Endangered species nesting in the area
Socio-cultural concern	2	Potential Disruption
Potential Market Draw	2	Weekend stay

Obellan Rice Terraces. It is found in Beleng -belis seven kilometers away from the central point of the municipality. During the Christmas Ed Kapangan it is where the tourist participates in the pounding of the rice for they called in the local term as chu-om.

Table 8 presents the assessment of the respondents on the potential of Obellan Rice Terraces as a tourist attraction. For Obellan Rice Terraces it has moderate access, high potential use, endangered species nesting area for the environmental fragility, potential disruptions for the socio-cultural concern and potential market draw which is weekends.



Figure 6. A view of the Obellan Rice fields (http://Benguet.gov.ph/index.php?option=com_content&view=article&id=267&Itemid=281)

Table 8. Assessment of the respondents on the potential of Obellan Rice Terraces as a tourist attraction

PARTICULARS	MEAN	DESCRIPTION
Ease of access	2	Moderate
Potential Use	1	High
Condition for renovation	2	Medium



Table 8. Continued . . .

PARTICULARS	MEAN	DESCRIPTION
Environmental Fragility	1	Endangered species nesting in the area
Socio-cultural concern	3	Potential Disruption
Potential Market Draw	2	Weekend stay

Dumanay Burial Cave. It is found in Pongayan, Kapangan four kilometers away from the central point of the municipality. Table 9 presents the assessment of the respondents on the potential of Dumanay Burial Cave as a tourist attraction. For Dumanay Burial Cave it has an easy ease of access, high potential use, medium condition/renovation, endangered species for the environmental fragility, potential disruptions for the socio-cultural concern and potential market draw which is day trip.



A



B

Figure 7. Pictures of a) Coffin used by the ancestors and b) skeletons inside the Dumanay Burial Cave (Municipal collections)

Table 9. Assessment of the respondents on the potential of Dumanay Burial Cave as a tourist attraction

PARTICULARS	MEAN	DESCRIP TION
Condition for renovation	2	Medium
Environmental Fragility	1	Endangered species nesting in the area
Socio-cultural concern	4.58	Potential Disruption
Potential Market Draw	2	Weekend stay

Puga Burial Cave. It is found in Sagubo, Kapangan seven kilometers away from the central point of the municipality. Table 10 presents the potential of Puga Burial Cave as a tourist attraction. For the Puga Burial Cave the respondents assessed condition/renovation as medium, socio-cultural concern which is peace and order and the potential market draw which is one day stay.



Figure 8. Pictures of skeleton inside the Puga Burial Cave
(http://Benguet.gov.ph/index.php?option=com_content&view=article&id=267&Itemid=287)

Table 10. Assessment of the respondents on the potential of Puga Burial Cave as a tourist attraction

PARTICULARS	MEAN	DESCRIPTION
Condition for renovation	2	Medium
Environmental Fragility	1	Endangered species nesting in the area
Socio-cultural concern	2	Peace and order to community life
Potential Market Draw	1	1 day stay

Camp Utopia Mountain. As the name implies, Camp Utopia was the camp of the sixty sixth infantry it is found in Sagubo, Kapangan six kilometers away from the central point of the municipality. During the Second World War, the guerilla spent planning strategies on how to combat their invaders. The serenity of the plateaus not only of the special wonders of this place but it also overlooks the Ilocos coastal waters. A visit to Camp Utopia takes one to two hours of hiking starting to the provincial road of the municipality. Hiking may not only be pleasant but also serves as one of unforgettable experience for an explorer. Table 11 presents the assessment of the respondents on the potential of Camp Utopia Mountain as a tourist attraction. For the Camp Utopia Mountain it has moderate ease of access, high potential use, medium condition, for the environmental fragility the respondents assessed as endangered species nesting area, land tenure for the socio-cultural concern and potential market draw which is weekend stay.



Table 11. Assessment of the Respondents on the potential of Camp Utopia Mountain as a tourist Attraction

PARTICULARS	MEAN	DESCRIPTION
Ease of access	2	Moderate
Potential Use	2	Medium
Condition for renovation	3	Medium
Environmental Fragility	1	Endangered species nesting in the area
Socio-cultural concern	2.17	Land tenure issues
Potential Market Draw	1.83	Weekend stay

Bolalacao Cave. Bolalacao cave is a potential natural attraction found in Taba-ao, Kapangan three kilometers away from the central point of the municipality. The cave is along the Bolinsak creek. It was called a Bolalacao because it the dwelling place of Bolalacao, a bird that appears during the night making a sort of scaring noise. Table 12 presents the assessment of the respondents on the potential of Bolalacao Cave as a tourist attraction. For the Bolalacao Cave it has moderate ease access, medium potential use, high condition/renovations, water source for the environmental fragility, potential disruptions for the socio-cultural concerns and potential market draw which is weekend stay.



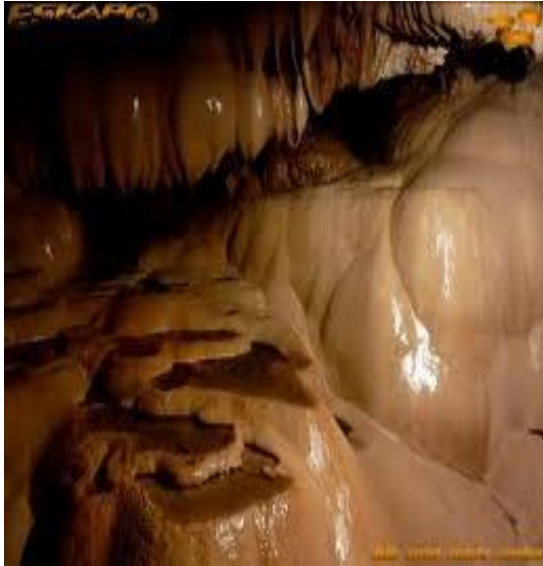


Figure 9.1

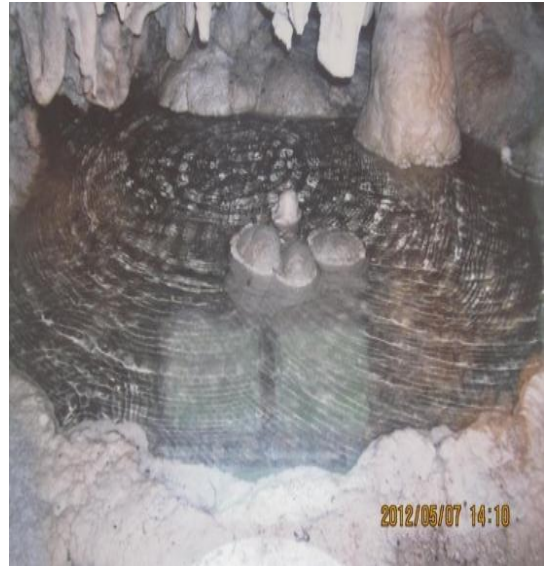


Figure 9.2

Figure 9. Inside views of Bolalacao Cave (Municipal collection)

Table 12. Assessment of the Respondents on the potential Bolalacao Cave as a tourist attraction

PARTICULARS	MEAN	DESCRIPTION
Ease of access	1.93	Moderate
Potential Use	2	Medium
Condition for renovation	2	Medium
Environmental Fragility	2	Water source
Socio-cultural concern	2	Potential disruption
Potential Market Draw	2	Weekend stay

Anitap Festival. A cultural festivity that will showcase indigenous cultural and traditional practices of the people. This is a part of a town fiesta celebration with lined up activities of merriment and entertainment. The festival name is derived from the Anitap

tree scientifically known as *Macaranga cumingii*. It is the source of material for an indigenous musical instrument called “Tallak” used in the performance of Tallak dance. A traditional instrumental dance used during canaos long before the coming of gongs. Anitap Festival is undertaking sponsored by National Commission for Culture and Arts (NCCA) as part of its campaign in preservation of culture and tradition. Table 13 presents the assessment of the respondents on the potential of Anitap festival as a tourist attraction. For Anitap festival it has a moderate potential activities, peace and order for the socio-cultural concern and potential market draw which is weekend stay.



A



B

Figure 10. Pictures showing a) bonfire and b) “wat-wat” lunch prepared on a banana stalk during the Anitap Festival (http://Benguet.gov.ph/index.php?option=com_content&view=article&id=267&Itemid=287)

Table 13. Assessment of the respondents on the potential of Anitap Festival as a tourist attraction

PARTICULARS	MEAN	DESCRIPTION
Potential activities	2	Moderate
Socio-cultural concern	-	-
Potential Market Draw	2	Weekend stay

Christmas Ed Kapangan. Christmas Ed Kapangan is a two day activity that is celebrated annually this is to promote eco tourism and the rich culture and tradition of the municipality. The activity is ideal for families who are taking advantage of the holiday season where relatives and friends bond together. It includes also a trip to the various tourist destinations where one can stay for overnight camping and watch cultural presentation and experience the beauty of nature. Example of activities are the following like; a tour to the more than two-hectare anthurium garden of 56 different varieties located under natural shade of trees, hike to Bolalacao mountain to view the majestic beauty of the municipality, overnight camping at the Balakbak Elementary School grounds mini park overlooking the image of Santa Claus Mountain, visitors will also witness a *cañao*, *owik* or butchering of pig and it will serve in an indigenous way called *wat-wat* for dinner, there's also a bonfire with cultural presentation, grand march at night and a Christmas exchange of gifts. A trek also to the Obellan rice terraces to witness and participate in the pounding of rice for *chumom*, then spelunking to the Bolalacao cave and swimming and fishing using the indigenous way called *bani-it* to the Amburayan River. Figure 11 presents some of the activities during the Christmas Ed Kapangan. Table 13 presents the assessment of the respondents on the potential of Christmas Ed Kapangan. For the Christmas Ed Kapangan it has moderate



potential activities, moderate level of difficulty and potential market draw which is weekend stay.



A



B

Figure 11. Pictures showing a) men preparing for the feast and b) men caroling during the Christmas Ed Kapangan (http://Benguet.gov.ph/index.php?option=com_content&view=article&id=267&Itemid=287)

Table 14. Assessment of the respondents on the potential of Christmas Ed Kapangan as a tourist attraction

PARTICULARS	MEAN	DESCRIPTION
Potential activities	2	Moderate
Level of Difficulty	2	Moderate
Potential Market Draw	2	Weekend stay

Evaluation of the Tourist Attractions

Table 15 presents the evaluation of the respondents on the twelve official tourist destinations given by the municipality. The inventory evaluation comprises of the scenic value, biodiversity, cultural value, uses and activities, community participation, site control, access, and product development. Each of these is rated on a scale of one to five, in which one as poor, two as good, three as fair, four as very good and five as excellent.

Scenic value. There were eight of the tourist attractions that were rated as excellent base on scenic value. These were Bolalacao Cave, Anitap Festival, Christmas Ed Kapangan, Amburayan River, Anthurium Forest, Longog Cave, Santa Claus Mountain, and Obellan Rice Terraces. Those rated very good in scenic value were Dumanay Burial Cave, Camp Utopia Mountain, and Kilong Hanging Coffin. Only Puga Burial Cave was rated as fair in terms of scenic value.

Biodiversity. On the issue of biodiversity the tourist attractions that were evaluated as excellent were: Ambunrayan River, Longog Cave, Obellan Rice Terraces, Bolalacao Cave, Anitap Festival and Christmas Ed Kapangan. Rated as very good were Anturium Forest and Santa Claus Mountain. Dumanay Burial Cave, Puga Burial Cave, Camp Utopia Mountain, and Kilong Hanging Coffin were given a fair rating on biodiversity.

Cultural value. As to cultural value those rated excellent were Amburayan river, Longog Cave, Obellan rice Terraces, Camp Utopia Mountain, Anitap Festival and Christmas Ed Kapangan. Rated as very good were Puga Burial Cave, Hanging Kilong-Coffins, Anthurium Forest and Sta. Claus Mountain and Dumanay Burial Cave was given a fair rating on cultural value.



Uses and Activities. As to uses and activities those rated excellent were Amburayan River, Longog Cave, Obellan Rice terraces, Dumanay Burial Cave, Bolalacao Cave, Anitap Festival and Christmas Ed Kapangan. Rated as very good was Anthurium Forest. Rated as fair was Sta. Clause Mountain and Puga Burial Cave. Hanging Kilong-Coffins was given a good rating on uses and activities.

Community Participation. As to community participation those rated as excellent were Obellan Rice Terraces, Anitap Festival and Christmas Ed Kapangan. Rated as very good were Amburayan River, Anthurium Forest, Longog Cave, Sta. Clause Mountain and Bolalacao Cave. Rated as fair were Puga Burial Cave and Camp Utopia Mountain and Dumanay Burial Cave was given good rating on community participation.

Site Control. As to site control those rated as excellent were Longog Cave, Anitap Festival and Christmas Ed Kapangan. Rated as very good were Bolalacao Cave, Hanging Kilong- Coffins Anthurium Forest, Sta. Clause Mountain and Obellan Rice terraces. Dumanay Burial Cave, Puga Burial Cave and Camp Utopia were given good rating on site control.

Access. As to access those rated as excellent were Bolalacao Cave, Anitap Festival, Christmas Ed Kapangan, Anthurium Forest and Longog Cave. Rated as Very good were Amburayan River, Sta. Clause Mountain, Obellan Rice Terraces and Hanging Kilong-coffins. Rated as fair were Puga Burial Cave, Camp utopia mountain and Dumanay Burial Cave.

Product Development. As to product development those rated as excellent were Anitap festival and Christmas Ed Kapangan. Rated as very good were Bolalacao Cave Amburayan River and Longog Cave. Anthurium Forest, Sta. Claus Mountain, Obellan Rice



Terraces and Dumanay Burial Cave were given fair rating. Rated as fair were Puga Burial Cave, Camp Utopia Mountain and Hanging Kilong-Coffins.

The overall result of the inventory evaluations of the attractions showed that the following attractions have excellent interpretation: Anitap Festival, Christmas Ed Kapangan, Bolalacao Cave, Amburayan River, Longog Cave and Obellan Rice Terraces while Anthurium Forest and Sta. Claus Mountain have very good interpretation and fair interpretation for the Puga Burial Cave, Camp Utopia Mountain, Hanging Kilong-Coffins and Dumanay Burial Cave.

All those with excellent rating are the tourist attractions that have potential for ecotourism. Based from the overall result of the evaluation these are the top five attractions Anitap Festival, Christmas Ed Kapangan, Longog Cave, Bolalacao Cave and Amburayan River.



Table 15. Inventory Evaluation of the Attractions

EVALUATION AREAS	ATTRACTIONS											
	Amburayan River		Anthurium Forest		Longog Cave		Sta. Clause Mountain		Obellan Rice Terraces		Dumanay Burial Cave	
	Mean	Interpretation	Mean	Interpretation	Mean	Interpretation	Mean	Interpretation	Mean	Interpretation	Mean	Interpretation
Scenic Value	5	Excellent	4.15	Excellent	4.71	Excellent	4.85	Excellent	5	Excellent	4	Very Good
Biodiversity	4.49	Excellent	3.61	Very Good	4.58	Excellent	3.56	Very Good	4.61	Excellent	2.73	Fair
Cultural Value	4.89	Excellent	4	Very Good	4.24	Excellent	4	Very Good	4.44	Excellent	2.73	Fair
Uses and Activities	4.71	Excellent	4	Very Good	4.18	Excellent	3	Fair	4.11	Excellent	4.2	Excellent
Community												
Participation	4	Very Good	4	Very Good	3.88	Very Good	3.64	Very Good	4.34	Excellent	2	Good
Site Control	3.06	Very Good	3.61	Very Good	3.70	Excellent	3.07	Very Good	3.34	Very Good	2	Good
Access	3.79	Very Good	4.45	Excellent	4.82	Excellent	3.44	Very Good	3.94	Very Good	3	Fair
Product Development	3.06	Very Good	3	Fair	3.52	Very Good	2.49	Fair	2.90	Fair	3	Fair
Total Weighted mean	4.13	Excellent	3.85	Very Good	4.24	Excellent	3.50	Very good	4.09	Excellent	2.83	Fair

Legend

1-Poor 2-Good 3-Fair 4-Very Good 5-Excellent



Table 15. Continued....

EVALUATION AREAS	ATTRACTIONS											
	Puga Burial Cave		Camp Utopia Mountain		Bolalacao Cave		Hanging Coffins-Kilong		Anitap Festival		Christmas Ed Kapangan	
	Mean	Interpretation	Mean	Interpretation	Mean	Interpretation	Mean	Interpretation	Mean	Interpretation	Mean	Interpretation
Scenic Value	3	Fair	4	Very Good	4.93	Excellent	4	Very Good	5	Excellent	5	Excellent
Biodiversity	3	Fair	2.94	Fair	4.59	Excellent	3	Fair	5	Excellent	5	Excellent
Cultural Value	4	Very Good	4.55	Excellent	4.79	Excellent	3.73	Very good	5	Excellent	5	Excellent
Uses and Activities	3	Fair	2.28	Fair	4.07	Excellent	2	Good	5	Excellent	5	Excellent
Community Participation	3	Fair	2.06	Fair	3.88	Very Good	2	Good	5	Excellent	5	Excellent
Site Control	2	Good	2	Good	3.53	Very Good	3	Very Good	5	Excellent	5	Excellent
Access	3	Fair	3	Fair	4.59	Excellent	4	Very Good	5	Excellent	4	Excellent
Product Development	2	Good	2	Good	3.59	Very Good	2	Good	5	Excellent	5	Excellent
Total weighted mean	2.88	Fair	2.85	Fair	4.22	Excellent	2.96	Fair	5	Excellent	4.88	Excellent

Legend

1-Poor 2-Good 3-Fair 4-Very Good 5-Excellent



Quality of Infrastructure and Services in the Five Major Tourist Attractions

Table 16 presents the opinion of the respondents regarding the quality of infrastructures and service found in the top five tourist destinations in Kapangan. These infrastructures and services comprise the highways, secondary road and car rental.

Anitap Festival. 15.49% of the respondents answered that highway, secondary road and car rental are available and these are connected to the location. The respondents also pointed out that the roads as well as the vehicles are reliable and safe. The location of this festival is also environmentally sustainable as mentioned by the respondents.

Christmas Ed Kapangan. 15.49% of the respondents answered that every place of the activity are connected to the highway by a secondary road. The respondents also mentioned that jeepneys are available for hire in case there are people who would like to join the trip in the various tourist destinations. According to the respondents roads are safe and the places are also environmentally sustainable

Longog Cave. Most of the respondents (93.37%) answered that highway, secondary road and car rental are available and these are connected to the location. The respondents also pointed out that the roads as well as the vehicles are reliable and safe. The place is environmentally sustainable as mentioned by the respondents.

Bolalacao Cave. Most of the respondents answered that highway; secondary road and car rental are available and connected to the location (79.34%). Most of the respondents (81.22%) pointed out that roads as well as the vehicles are reliable and safe. The place is environmentally sustainable by 73.71%.

Amburayan River. Most of the respondents (78.87%) answered that the river is connected to the highway by a secondary road. The respondents also mentioned that



jeepneys are available for hire in case there are people who would like to go to the river. According to the respondents the highway as well as the secondary road are safe and are environmentally sustainable.

Table 16. Distribution of respondents according to the quality of infrastructure and services in the five major tourist attractions

QUALITY	INFRASTRUCTURES AND SERVICES							
	Highways		Secondary Road		Car Rental		Total	
	F	%	F	%	F	%	F	%
Anitap Festival								
Location served								
Connection	11	15.49	11	15.49	11	15.49	11	15.49
Reliability and Safety	11	15.49	11	15.49	11	15.9	11	15.49
Environmental Sustainability	11	15.49	11	15.49	11	15.49	11	15.49
Christmas Ed Kapangan								
Location served								
Connection	11	15.49	11	15.49	11	15.9	11	15.49
Reliability and Safety	11	15.49	11	15.49	11	15.9	11	15.49
Environmental Sustainability	11	15.49	11	15.49	11	15.49	11	15.49
Longog Cave								
Location served								
Connection	71	100	63	88.73	67	94.37	201	93.37
Reliability and Safety	67	94.37	63	88.73	67	94.37	197	93.37
Environmental Sustainability	67	94.37	63	88.73	67	94.37	201	93.37



Table 16 Continued . . .

QUALITY	INFRASTRUCTURES AND SERVICES							
	Highways		Secondary Road		Car Rental		Total	
	F	%	F	%	F	%	F	%
Bolalacao Cave								
Location served								
Connection	55	77.46	53	74.65	61	85.92	169	79.34
Reliability and Safety	59	83.10	55	77.46	59	83.10	173	81.22
Environmental Sustainability	59	83.10	39	54.93	59	83.10	157	73.71
Amburayan River								
Location served								
Connection	56	78.87	56	78.87	56	78.87	168	78.87
Environmental Sustainability	56	78.87	56	78.87	56	78.87	168	78.87
Reliability and Safety	56	78.87	56	78.87	56	78.87	168	78.87

Public Services Available

Table 17 shows the public services based on what was being asked in the area of the top five attractions. These are comprised of the following services;

Local police force prepared to handle increased duties. The respondents voted that the local police force are prepared to handle increased their duties for the protection of tourist joining the activities or trip during Anitap Festival and Christmas Ed Kapangan and also visiting to these top five attractions; Longog Cave, Bolalacao cave, Amburayan River and the other tourist attractions as well.



Available emergency road service. The respondents voted that emergency road is available on the area of Longog cave, Bolalacao cave, Amburayan River, in the location of Anitap Festival and any place of the activity during the Christmas Ed Kapangan.

Visitors get emergency health care. The respondents voted that visitors can get an emergency health care as they mentioned that it is available on the area of these tourist; attraction Anitap Festival, Christmas Ed Kapangan, Longog cave, Bolalacao Cave and Amburayan River.

Table 17. Available Public service of the top five attractions

PUBLIC SERVICES	TOP FIVE ATTRACTIONS									
	Anitap Festival		Christmas Ed Kapangan		Longog Cave		Bolalacao Cave		Amburayan River	
	F	%	F	%	F	%	F	%	F	%
Prepared local police to increased duties										
Yes	11	15.49	11	15.49	59	83.10	63	88.70	60	84.51
No	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	59	83.10	63	88.70	60	84.51
Available emergency road										
Yes	11	15.49	11	15.49	59	83.10	59	83.10	60	84.51
No	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	59	83.10	59	83.10	60	84.51
Emergency health care										
Yes	11	15.49	11	15.49	55	77.46	63	88.73	60	84.51
No	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	55	77.46	63	88.73	60	84.51
Available ambulance										
Yes	-	-	-	-	-	-	-	-	-	-
No	11	15.49	11	15.49	55	77.46	59	83.10	60	84.51
Total	11	15.49	11	15.49	55	77.46	59	83.10	60	84.51



Table 17. Continued . . .

PUBLIC SERVICES	TOP FIVE ATTRACTIONS									
	Anitap Festival		Christmas Ed Kapangan		Longog Cave		Bolalacao Cave		Amburayan River	
	F	%	F	%	F	%	F	%	F	%
Available public restroom										
Yes	11	15.49	11	15.49	59	83.10	63	88.73	60	84.51
No	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	59	83.10	63	88.73	60	84.51
Cleaned and maintained										
Yes	11	15.49	11	15.49	59	83.10	63	88.73	60	84.51
No	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	59	83.10	63	88.73	60	84.51
Clean streets and public areas										
Yes	11	15.49	11	15.49	55	77.53	63	88.73	60	84.51
No	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	55	77.53	63	88.73	60	84.51
Available internet service										
Yes	-	-	-	-	-	-	-	-	-	-
No	11	15.49	11	15.49	59	83.10	63	88.73	60	84.51
Total	11	15.49	11	15.49	59	77.43	63	88.73	60	84.51

Ambulance service available in the area. The respondents voted that ambulance service is not available in the area of the following top five attractions; Anitap Festival, Christmas Ed Kapangan, Longog Cave, Bolalacao cave, and Amburayan River but the Local Government Unit hospital has ambulance prepared to take service incase of emergency.

Available public restroom in the destination. The respondents voted that public restroom in the area of the top five attractions are available and these are clean and maintained. This implies that tourist or visitors would feel comfortable.

Streets and public areas kept clean. In the areas of these top five tourist attractions; Anitap Festival, Christmas Ed kapangan, Longog Cave, Bolalacao cave, and Amburayan



River the respondents voted that streets and public areas are kept clean. This implies that more tourist will be attracted.

Available internet service. The respondents voted that internet service is not available in the area of the top five attractions.

Available cellular phone service. On the top five attractions; Anitap Festival, Christmas Ed Kapangan, Longog cave, Bolalacao cave and Amburayan river the respondents voted that cellular phone service are available on their areas.

Factors and its Perceived Condition of the Top Five Attractions

Table 18 presents the factors and its perceived condition of the top five attractions. The top five attractions; Anitap Festival, Christmas Ed Kapangan, Longog cave, Bolalacao cave, and Amburayan River are evaluated with the following factors; air quality, noise level, road traffic, solid waste management, health of major attraction, health risk, conditions of house/ building, clean water, nature landscape. The respondents evaluated that all the factors have ok conditions. This means that more tourists will be attracted to these top five attractions because it has a clean and friendly environment.

LGU's Plan and Development Programs

The local government unit plan and development programs are the following; 1) training and seminars to all the tourism stakeholders, 2) barangay tourism action plan 3) municipal action plan on the submitted barangay action plans on tourism 4) establishment of museum 5) enhancement of the Anitap festival and Christmas Ed Kapangan 6) tour guiding seminar 7) constructions of tourism facilities on the different areas of the destination 8) validation of local tourist spots. Others are preservation of communal forests,



formulation and implementation of the municipal environment code and seminars, trainings and other activities that is related or that support the environment and natural resources.



Table 18. Factors and its perceived condition of the top five attractions

FACTORS AND ITS PERCEIVED CONDITION	TOP FIVE ATTRACTIONS									
	Anitap Festival		Christmas Ed Kapangan		Longog Cave		Bolalacao Cave		Amburayan River	
	F	%	F	%	F	%	F	%	F	%
Air Quality										
Ok	11	15.49	11	15.49	67	94.37	67	94.37	60	84.51
Not Ok	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	67	94.35	67	94.37	60	84.51
Noise Level										
Ok	11	15.49	11	15.49	67	94.37	67	94.37	60	84.51
Not Ok	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	67	94.37	67	94.31	60	84.51
Road Traffic										
Ok	11	15.49	11	15.49	67	94.37	67	94.37	60	84.51
Not Ok	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	67	94.73	67	94.37	60	84.51
Solid Waste Management										
Ok	11	15.49	11	15.49	60	84.51	67	94.37	60	84.51
Not ok	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	60	84.51	67	94.37	60	84.51



FACTORS AND ITS PERCEIVED CONDITION	TOP FIVE ATTRACTIONS									
	Anitap Festival		Christmas Ed Kapangan		Longog Cave		Bolalacao Cave		Amburayan River	
	F	%	F	%	F	%	F	%	F	%
Conditions Of House/Building										
Ok	11	15.49	11	15.49	59	83.10	55	77.46	60	84.51
Not Ok	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	59	83.10	55	77.46	60	84.51
Clean Water Source										
Ok	11	15.49	11	15.49	51	71.83	61	85.92	60	84.51
Not Ok	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	51	71.83	61	85.92	60	84.51
Nature Landscape										
Ok	11	15.49	11	15.49	59	83.10	55	77.46	60	84.51
Not Ok	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	59	83.10	55	77.46	60	84.51



Table 18. Continued. . .

FACTORS AND ITS PERCEIVED CONDITION	TOP FIVE ATTRACTIONS									
	Anitap Festival		Christmas Ed Kapangan		Longog Cave		Bolalacao Cave		Amburayan River	
	F	%	F	%	F	%	F	%	F	%
Health of major attraction										
Ok	11	15.49	11	15.49	59	83.10	67	94.37	60	84.51
Not ok					-	-	-	-	-	-
Total	11	15.49	11	15.49	59	83.10	67	94.37	60	84.51
Health Risk										
Ok	11	15.49	11	15.49	67	94.37	67	94.37	60	84.51
Not ok	-	-	-	-	-	-	-	-	-	-
Total	11	15.49	11	15.49	67	94.37	67	94.37	60	84.51



SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

Summary

The study is about the potential of ecotourism in Kapangan, Benguet. The 71 respondents were composed of selected Barangay officials and municipal officials of the said municipality. The study was conducted through the use of focus discussion with a follow up interview. The data gathered were categorized and tabulated. Descriptive statistics such as frequency counts, percentage, average, ranking and mean. It aimed to: assess and inventory possible attractions in the area; assess and identify the infrastructures and services available; and identify the LGU's plan and development programs.

Most of the respondents were at their middle age 46-51. The finding reveals that all of them are in favor to make the municipality of Kapangan a tourist area. According to the respondents they want to make the municipality a friendly eco-cultural tourism destination. They also foresee that ecotourism can contribute to the development of Kapangan. Their local products would be promoted, and employment and income and of the people would increase.

The result showed that there were a total of twelve (12) tourist attractions in the municipality of Kapangan as follows: the Amburayan River, Anthurium Forest, Longog Cave, Sta. Clause Mountain, Obellan Rice Terraces, Dumanay Burial Cave, Puga Burial Cave, Camp Utopia Mountain, Bolalacao Cave, Hanging Kilong-Coffins, Anitap Festival and Christmas Ed Kapangan. The respondents categorized that the following attractions; Amburayan River, Anthurium Forest, Longog Cave, Sta. Claus Mountain, Obellan Rice terraces, Dumanay Burial Cave, Camp Utopia and Bolalacao Cave as natural attractions. Some also were categorized as both natural and historical/heritage and these are the



following; Anthurium forest, Obellan Rice Terraces, Dumanay Burial Cave, Camp Utopia Mountain and Bolalacao Cave. Puga Burial Cave and Hanging Kilong-coffins were categorized as historical/heritage attraction. Anitap Festival was identified as cultural and Christmas Ed Kapangan was both identified as cultural and recreational attractions. The results of the assessment showed that majority of the natural attractions have moderate ease of access and also medium potential use, for the environmental fragility majority of the attractions were assessed as endangered species nesting area, for the potential market draw majority of the attractions were also assessed as weekend stay. For the socio- cultural concern majority of the historical/heritage attractions were assessed as potential disruptions and medium condition/renovation.

The inventory evaluation comprises of the scenic value, biodiversity, cultural value, uses and activities, community participation, site control, access, and product development. Each of these is rated on a scale of one to five, in which one as poor, two as good, three as fair, four as very good and five as excellent. The overall result of the inventory evaluations of the attractions showed that the following attractions have excellent interpretation: Anitap Festival, Christmas Ed Kapangan, Bolalacao Cave, Amburayan River, Longog Cave and Obellan Rice Terraces while Anthurium Forest and Sta. Claus Mountain have very good interpretation and fair interpretation for the Puga Burial Cave, Camp Utopia Mountain, Hanging Kilong-Coffins and Dumanay Burial Cave. Based from the overall result of the evaluation these are the top five attractions Anitap Festival, Christmas Ed Kapangan, Longog Cave, Bolalacao Cave and Amburayan River.

The respondents voted that the following infrastructures for transportation; highways, secondary road and car rental are available in the area of the destinations. These



are connected to the location, reliable and safe, and environmentally sustainable. On the public service the respondents voted that the following service: local police force prepared handle increased duties, emergency road service, visitors get emergency healthcare, public restroom, cleaned and maintained public restrooms, clean streets and public areas, cellular phone service are available on the area of the attraction. Only internet service and ambulance are not available on the area of attractions.

All the respondents perceived that the top five attractions Anitap Festival, Christmas Ed Kapangan, Longog Cave, Bolalacao Cave And Amburayan River have an ok condition of the following factors: air quality, noise level, road traffic, solid waste management, condition of home/ buildings, clean water source, nature landscape, health of major attractions, health risk. This means that more tourists will be attracted to these top five attractions.

The local government unit plan and development programs are the following: 1) training and seminars to all the tourism stakeholders, 2) barangay tourism action plan, 3) municipal action plan on the submitted barangay action plans on tourism, 4) establishment of museum, 5) enhancement of the Anitap festival and Christmas Ed Kapangan, 6) tour guiding seminar, 7) constructions of tourism facilities on the different areas of the destination, 8) validation of local tourist spots. Others are preservation of communal forests, formulation and implementation of the municipal environment code and seminars, trainings, and other activities that is related or support the environment and natural resources.

Conclusions



The following are the inventories of the attractions present in the municipality of Kapangan that assessed by the respondents 1). Amburayan River is located in Cuba, Kapangan five kilometers away from the central point; 2). Anthurium Forest is located in Labueg, Kapangan two kilometers away from the central point; 3).Longog Cave and 4).Sta. Clause Mountain are located in Balakbak, Kapangan seven and eight kilometers away from the central point; 5).Obellan Rice Terraces is located in Beleng-belis, Kapangan eight away from the central point; 6). Dumanay Burial Cave located in Pongayan, Kapangan for kilometers away from the central point; 6).Puga Burial Cave and 7).Camp Utopia are located in Sagubo, Kapangan six and seven kilometers away from the central point; 9).Bolalacao Cave located in Taba-ao, Kapangan three kilometers away from the central point; 10).Hanging Coffins-Kilong located in Central, Kapangan for kilometers away from the central point; 11).Anitap Festival located or happened annually at the municipal gym during the month of December; 12).Christmas Ed Kapangan located or happened annually in the different Barangay of Kapangan based on the location of the tourist spots during the month of December. These are the twelve official tourist attractions given and are being promoted by the Municipal.

On the top five tourist attractions the respondents voted that the following infrastructures for transportation; highways, secondary road and car rental are available in the area of the destinations. These are connected to the location, reliable and safety, and environmentally sustainable. On the public service, the respondents voted that the following service local police force prepared handle increased duties, emergency road service, visitors get emergency healthcare, public restroom, cleaned and maintained public restrooms, clean streets and public areas and cellular phone service are available on the



area of the attractions only internet service and ambulance are not available on the area of the attractions but the local government unit hospital has ambulance prepared to take service in case of emergency. This implies that among the public service given, most of them are available in the area of the destination so tourist would surely be secured and so with good service.

The local government unit plan and development programs are the following; 1) training and seminars to all the tourism stakeholders, 2) barangay tourism action plan, 3) municipal action plan on the submitted barangay action plans on tourism, 4) establishment of museum, 5) enhancement of the Anitap festival and Christmas Ed Kapangan, 6) tour guiding seminar, 7) constructions of tourism facilities on the different areas of the destination, 8) validation of local tourist spots. Others are preservation of communal forests, formulation and implementation of the municipal environment code and seminars, trainings, and other activities that is related or support the environment and natural resources.

Recommendations

This study recommends the following:

The local government unit and the tourism committee as well should construct additional services on the different areas of the destination;

There should be a program, activities and projects that are implemented related to tourism, because based on the study most of the officials are not aware or familiar with the different attractions present in their locality and this is for the promotion of the different attractions and for the municipality as well; and ,



Tourism requires support, and one way to gain support is by informing and educating the community.



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