

BIBLIOGRAPHY

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ABSTRACT

The study was conducted in the municipality of Buguias, Benguet to assess and inventory possible tourist attractions in the area, assess and identify infrastructure and services offered, and identify the LGU's plan and development programs in the area.

The results of the study showed that the municipality of Buguias has a number of tourist attractions in the various barangays. But not all the tourist attractions were validated and discovered, there is a need for further exploration. The tourist attractions identified are categorized as either cultural, natural, historical and recreational attractions. All the tourist attractions are assessed to have a potential market draw of daytrip. Basic transport is available and the evaluation of surroundings is favourable. Most of the public services are available except for the ambulance, fire protection, and local banking services. The tourist attractions need further product development, more identified uses and activities, greater community participation, better site control and easier access. The local government of Buguias is recommended to improve the identified tourist attractions and invest in other tourism-promoting activities. Also the local government unit should come up with a promotional package for the tourist, and develop brochures and websites to further promote the various tourist attractions in Buguias.



RESULTS AND DISCUSSION

List of Tourist Attraction in Barangay Natubleng

The tourist attractions in Barangay Natubleng are identified as follows: the Apo Anno Cave, the Dugen Cave, the Natubleng Apanberang Vegetable Terraces, the Crocodile Head and Cuyapon Falls. The first three attractions are categorized as cultural attraction while the rest are categorized as natural attractions (See Table 1).

Three of the attractions are found at Nabalicong, wherein the mummy of Apo Anno the legendary hunter of Benguet is found in the Apo Anno Cave; the burial cave of Dugen found at Dugen Cave; and the falls which is said to be the home of Apo Anno's mother that is found at Cuyapon Falls. The two remaining attractions are found at Natubleng, the Apanberang Vegetable Terraces which is most likely a stairways up to the sky, and the Crocodile Head which is a garden that has the shape of a crocodile.

Assessment According to Category of Tourist Attractions in Barangay Natubleng

The categorized tourist attractions are assessed to their location from central point, ease of access, potential use, environmental fragility, socio-cultural concerns and market draw. All attractions are the same as to potential market draw which is daytrip, majority of them also have the potential disruption on the socio-cultural concerns except for Natubleng Apanberang Vegetable Terraces. For the environmental fragility, Apo Anno Cave and Dugen Cave are both nesting area for endangered species, while the Crocodile Head and Cuyapon Falls are both water sources. For the Natubleng Apanberang Vegetable Terraces there is a possible problem on waste management. Three of the attractions have a high potential use while the other two have medium and low potential uses. Although Cuyapon Falls has a high potential use, the ease of access is difficult not like for the Crocodile Head



which has a low potential use but moderate in ease of access. The closest attractions from the central point, which is the Barangay Hall is the Natubleng Apanberang Vegetable Terraces

Table 1. List of tourist attractions in Barangay Natubleng

ATTRACTION	CATEGORY	LOCATION
Apo Anno Cave	Cultural	Nabalicong
Crocodile Head	Natural	Natubleng
Cuyapon Falls	Natural	Nabalicong
Dugen Cave	Cultural	Nabalicong
Natubleng Apanberang Vegetable Terraces	Cultural	Natubleng Proper

Table 2. Assessment according to category of tourist attractions in Barangay Natubleng

CULTURAL ATTRACTIONS	LOCATION FROM CENTRAL POINT	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW
Apo Anno Cave	5.0 km	High	Endangered specie nesting area	Potential disruption	Day trip
Dugen Cave	10.0 km	Medium	Endangered specie nesting area	Potential disruption	Day trip
Natubleng Apanberang Vegetable Terraces	1.0 km	High	Possible problem on waste management	Land tenure issues	Day trip

NATURAL ATTRACTIONS	LOCATION FROM CENTRAL POINT	EASE OF ACCESS	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW
Crocodile head	1.2km	Moderate	Low	Water source	Potential disruption	Day trip
Cuyapon falls	5.2km	Difficult	High	Water source	Potential disruption	Daytrip



Table 3. Inventory evaluation sheet of attractions in Barangay Natubleng

EVALUATION AREAS	ATTRACTION				
	APO ANNO CAVE	CROCODILE HEAD	CUYAPON WATERFALLS	DUGEN CAVE	NATUBLENG APANBERANG VEGETABLE TERRACES
Scenic Value	5	5	4	2	4
Biodiversity	4	3	4	3	4
Cultural Value	4	1	3	2	1
Historical Value	5	1	5	4	1
Uses And Activities	4	5	3	1	4
Community Participation	3	4	3	1	4
Site Control	4	5	3	1	3
Access	3	3	2	1	4
Product Development	3	5	3	1	5
TOTAL	35	32	30	16	30
MEAN RANK	3.89	3.56	3.33	1.78	3.33

Inventory Evaluation Sheet of Attractions in Barangay Natubleng

In inventory evaluation, each of the tourist attractions were ranked as 1-5 wherein (5) is the highest positive rank. The inventory evaluation sheet comprises of the scenic value, biodiversity, cultural value, historical value, uses and activities, community participation, site control, access and product development. The total mean rank shows that the highest mean is the most potential tourist attraction in the area. Apo Anno Cave has the highest mean of 3.89. Given all the evaluation areas Apo Anno Cave is ranked 5 in the scenic value and historical value, for the Crocodile Head it is ranked 5 in the scenic value, uses and activities, site control and product development, while for the Cuyapon Falls it is ranked 5



in historical value and for the Natubleng Apanberang Vegetable Terraces is ranked 5 in product development.

List of Tourist Attractions in Barangay Lengaoan

The tourist attractions in Barangay Lengaoan are identified as follows: Organic Agricultural Learning Center, categorized as a cultural attraction and Sabeng Anito Conservation Park categorized as a natural attraction. (See table 4)

The two attractions are found at Lengaoan. The first attraction is said to be a way of learning organic production of vegetables while for the second attraction it has a small falls that is made for viewing, swimming and a picnic area.

Table 4. List of tourist attractions in Barangay Lengaoan

ATTRACTION	CATEGORY	LOCATION
Organic Agricultural Learning Center	Cultural	Lengaoan
Sabeng Anito Conservation Park	Natural	Lengaoan

Table 5. Assessment according to category of tourist attractions in Barangay Lengaoan

CULTURAL ATTRACTIONS	LOCATION FROM CENTRAL POINT	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW	
Organic Agricultural Learning Center	1km	High	Possible problem on waste management	Land tenure issues	Day trip	
NATURAL ATTRACTIONS	LOCATION FROM CENTRAL POINT	EASE OF ACCESS	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW
Sabeng Anito Conservation Park	7km	Moderate	Medium	Water source	Potential disruption	Day trip



Assessment According to Category of Tourist Attractions in Barangay Lengaoan

The two attractions are the same as to potential market draw which is daytrip. The Organic Agricultural Learning Center have the land tenure on the socio- cultural concerns while Sabeng Anito Conservation Park have the potential disruption in the socio- cultural concerns. For the environment fragility, Organic Agricultural Learning Center has the possible problem on waste management while Sabeng Anito Conservation Park has environmental fragility on water source. Also, Organic Agricultural Learning Center has a high potential use with a 1 km location from central point while Sabeng Anito Conservation Park has a medium potential use with 7 km location from central point.

Table 6. Inventory evaluation sheet of attractions in Barangay Lengaoan

EVALUATION AREAS	ATTRACTION	
	ORGANIC AGRICULTURAL LEARNING CENTER	SABENG ANITO CONSERVATION PARK
Scenic Value	5	5
Biodiversity	5	3
Cultural Value	5	2
Historical Value	5	3
Uses And Activities	5	5
Community Participation	5	5
Site Control	3	3
Access	3	3
Product Development	5	5
TOTAL	41	34
MEAN RANK	4.56	3.78



Inventory Evaluation Sheet of Attractions in Barangay Lengaoan

The Organic Agricultural Learning Center got the highest numerical mean which is 4.56 while Sabeng Anito Conservation Park got a numerical mean of 3.78. The Organic Agricultural Learning Center also ranked 5 on the following: scenic value, biodiversity, cultural value, historical value, uses and activities, community participation and product development while Sabeng Anito Conservation Park ranked 5 on the following: scenic value, uses and activities, community participation and product development.

List of Tourist Attractions in Barangay Abatan

Three places identified as tourist attractions were categorized as cultural namely Burial Ground, Vegetable Terraces and Pakedlan. Also, Agno River and Caves were categorized as natural while Marketan, the market place of the people was categorized as historical (See table 7).

The attractions were located in different parts of Abatan and boundary of Loo. Agno River was located in Dagdag which is believed that the river is ideal for all water-based activities like rafting, fishing, canoeing and swimming. Tourists may catch tilapia, carp, eel and other fresh water fishes, provided fishing is done legally. Burial Grounds that are reserved for remain ancestor of the community that is located in Gal-odan, Caves that is still unexplored at Tukok, Garden Terraces at boundary with Loo that is good for viewing, Marketan which is the market place for people that became the beginning of the place which is located at Abatan Proper and Pakedlan, a ritual of the Kankana-ey tribe done when it is needed at Tabbacan.



Table 7. List of tourist attractions in Barangay Abatan

ATTRACTION	CATEGORY	LOCATION
Agno River	Natural	Dagdag
Burial Grounds	Cultural	Gal-Odan
Caves	Natural	Tukok
Marketan	Historical	Abatan Proper
Pakedlan	Cultural	Tabbacan
Vegetable Terraces	Cultural	Boundary With Loo

Table 8. Assessment according to category of tourist attractions in Barangay Abatan

CULTURAL ATTRACTIONS	LOCATION AND TIMING	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW	
Burial Grounds	Once a year	Medium	Possible problem on waste management	Potential Disruption	Day trip	
Pakedlan	When it is needed	Medium	Possible problem on waste management	Land tenure issues, Potential Disruption	Day trip	
Vegetable Terraces	Any time	Medium	Possible problem on waste management	Land tenure issues	Day trip	
HISTORIC AND HERITAGE ATTRACTIONS	LOCATION AND ACCESS FROM CENTRAL POINT	CONDITION OR RENOVATION TO WORK REQ. TO ACCOMODATE VISITORS	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW	
Marketan	300m	Medium	Possible problem on waste management	Peace and order to community life	Day trip	
NATURAL ATTRACTIONS	LOCATION FROM CENTRAL POINT	EASE OF ACCESS	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW
Agno River	3km	Moderate	Medium	Water source	Potential disruption	Day trip
Caves	1km	Moderate	Medium	Land tenure issues	Potential disruption	Day trip



Assessment According to Category of Tourist Attractions in Barangay Abatan

All attractions are the same at potential market draw which is daytrip. Both the two tourists attractions, namely; Burial Grounds and Pakedlan have a socio-cultural concerns on land tenure issues and potential disruption while Garden Terraces has a socio-cultural concerns on land tenure issues. Moreover, Agno River and Caves have socio-cultural concerns on potential disruption while Marketan have more concerns on peace and order to community. All have a medium potential use however Marketan have a condition or renovation to work requirement to accommodate visitors. The location and timing varies. The location and timing are as follows : Burial Grounds, once a year; Pakedlan,when it is needed; Garden Terraces,any time ; Marketan, 300m; Agno River, 3km and Caves as the least location and timing as 1km.

Inventory Evaluation Sheet of Attractions in Barangay Abatan

Pakedlan has the highest mean of 4.22. Given all the evaluation areas, uses and activities and community participation ranked 5 at Vegetable Terraces, Marketan, Agno River and Pakedlan. Also, all of the tourist attractions ranked 5 in the evaluation areas on access. It is also ranked 5 in historical value for the Burial Ground, Marketan and Pakedlan. For the cultural value also it is ranked 5 in Burial Grounds and Pakedlan (See table 9).

Tourist Attraction in Barangay Loo

The tourist attraction in Barangay Loo is the Loo Valley with the BSU Buguias School Campus. This can be categorized as natural and historical attraction (See table 10).

The Loo Valley is said to be the Salad Bowl of Buguias, a production area of different vegetables, wherein BSU Buguias School Campus is found. The lotted provides and enhances quality instruction, research, extension and production by improving its



programs, developing its teachers and support staff as well as students, and improving its physical facilities.

Table 9. Inventory evaluation sheet of attractions in Barangay Abatan

EVALUATION AREAS	ATTRACTION					
	AGNO RIVER	BURIAL GROUNDS	CAVES	VEGETABLE TERRACES	MARKETAN	PAKEDLAN
Scenic Value	4	2	3	4	1	3
Biodiversity	4	2	3	2	1	3
Cultural Value	4	5	4	3	1	5
Historical Value	4	5	4	3	5	5
Uses And Activities	5	1	1	5	5	5
Community Participation	5	2	1	5	5	5
Site Control	3	1	1	3	1	4
Access	5	5	5	5	5	5
Product Development	2	2	2	3	4	3
TOTAL	36	25	24	33	28	38
MEAN RANK	4	2.78	2.67	3.67	3.11	4.22

Table 10. Tourist attraction in Barangay Loo

ATTRACTION	CATEGORY	LOCATION
Loo Valley with the BSU Buguias School Campus	Natural/Historical	Loo

Table 11. Assessment according to category of tourist attraction in Barangay Loo

NATURAL ATTRACTIONS/ HISTORIC AND HERITAGE ATTRACTIONS	LOCATION AND ACCESS FROM	CONDITION OR RENOVATION TO WORK REQ. TO	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW
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	CENTRAL POINT	ACCOMODATE VISITORS			
Loo Valley with the BSU Buguias School Campus	100m Easy	High	Possible problem on waste management	Peace and order to community life/ land tenure issues	Day trip

Assessment According to Category of Tourist Attraction in Barangay Loo

The attraction has a potential market draw of daytrip, it has a socio- cultural concerns on peace and order to community life and land tenure issues. For the environmental fragility there is a possible problem on waste management and there is a high condition or renovation to work required accommodating visitors. Also the access through the location is easy.

Inventory Evaluation Sheet of Attraction in Barangay Loo

Loo Valley with the BSU Buguias School Campus got a numerical mean which is 4.33 and got a high rank specifically on the following: cultural value, historical value, uses and activities (See table 12).

List of Tourist Attractions in Barangay Baculongan Norte

The tourist attractions in Barangay Baculongan Norte are identified as follows: The Nacgaan Spring where it is a source of clean water and the Tik-tiki Kaong Cave which is said to be the place where the recently mummies are placed. Both attractions are categorized as natural attractions. (See Table13).

The Nacgaan Spring is found at Nacgaan. On the other hand, the Tik-tiki Kaong Cave is found at Sebseb, Baculongan Norte.



Assessment According to Category of Tourist Attractions in Barangay Baculongan Norte

The attractions have the same potential market draw which is daytrip. The Nacgaan Spring has a peace and order concern to community life while the Tik-tiki Kaong Cave has a potential disruption on socio- cultural concerns. For the environmental fragility, the Nacgaan Spring is a source of water and the Tik-tiki Kaong Cave is a nesting area for endangered species. Nacgaan Spring has a high potential use although it only has moderate ease of access while Tik-tiki Kaong Cave a medium potential use with an easy ease of access. Moreover, the attractions don't have the same distance in kilometre from the central point which is the Barangay Hall (See Table 14).

Table 12. Inventory evaluation sheet of attractions in Barangay Loo

EVALUATION AREAS	ATTRACTION
	LOO VALLEY WITH THE BSU BUGUIAS SCHOOL CAMPUS
Scenic Value	4
Biodiversity	4
Cultural Value	5
Historical Value	5
Uses And Activities	5
Community Participation	4
Site Control	4
Access	4
Product Development	4
Total	39
MEAN RANK	4.33



Table 13. List of tourist attractions in Barangay Baculongan Norte

ATTRACTION	CATEGORY	LOCATION
Nacgaan Spring	Natural	Nacgaan
Tik-tiki Kaong Cave	Natural	Sebseb

Table 14. Assessment according to category of tourist attractions in Barangay Baculongan Norte

NATURAL ATTRACTIONS	LOCATION FROM CENTRAL POINT	EASE OF ACCESS	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW
Nacgaan Spring	3km	Moderate	High	Water Source	Peace and order to community life	Day trip
Tik-tiki Kaong Cave	1.5km	Easy	Medium	Endangered species nesting area	Potential disruption	Day trip

Table 15. Inventory evaluation sheet of attractions in Baranagay Baculongan Norte

EVALUATION AREAS	ATTRACTION	
	NACGAAN SPRING	TIK- TIKI KAONG CAVE
Scenic Value	3	3
Biodiversity	3	3
Cultural Value	3	4
Historical Value	3	4
Uses And Activities	2	2
Community Participation	2	2
Site Control	2	2
Access	3	3
Product Development	3	3
TOTAL	24	26
MEAN RANK	2.67	2.89



Inventory Evaluation Sheet of Attractions in Barangay Baculongan Norte

Tik-tikig Kaong Cave got the highest mean rank which is 2.89, however the rank is not as high as the other attractions identified in the other barangay. While the Nacgaan Spring got only 2.67 which is lower (See Table 15).

List of Tourist Attractions in Barangay Baculongan Sur

The tourist attractions in Barangay Baculongan Sur are identified as follows: the Liyang Calatan, Tiking Agindang and Man-asok Waterfalls. The first two attractions are categorized as cultural attraction while Man-asok Waterfalls is categorized as natural attraction (See Table 16).

All of the attractions are found at Baculongan Sur, wherein the two attractions which are the Liyang Calatan and Tiking Agindang are private ancestral burial grounds and offer a background for cultural researches. The Man-asok Waterfalls is about a 4 meters high and about 2 meters wide with a strong torrent such that plans to put up electric turbines had been considered, also it is good area for picnic area.

Assessment According to Category of Tourists Attractions in Barangay Baculongan Sur

All attractions are the same at potential market draw which is daytrip, all of them also have the potential disruption on the socio-cultural concerns and they are also the same in potential use which is medium. For the environmental fragility both of the cultural attraction are nesting area for endangered species, while the Man-asok Waterfalls is a water source. Moreover all the attractions are not the same in kilometre distance of each from the central point which is the Barangay Hall to the site of attractions (See Table 17).



Table 16. List of tourist attractions in Barangay Baculungan Sur

ATTRACTION	CATEGORY	LOCATION
Liyang Calatan	Cultural	Baculungan Sur
Man-Asok Waterfalls	Natural	Baculungan Sur
Tiking Agindang	Cultural	Baculungan Sur

Table 17. Assessment according to category of tourist attractions in Barangay Baculungan Sur

CULTURAL ATTRACTIONS	LOCATION FROM CENTRAL POINT	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW
Liyang Calatan	4km	Medium	Endangered specie nesting area	Potential disruption	Day trip
Tiking Agindang	6km	Medium	Endangered specie nesting area	Potential disruption	Day trip

NATURAL ATTRACTIONS	LOCATION FROM CENTRAL POINT	EASE OF ACCESS	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW
Man-Asok Waterfalls	500m	Easy	Medium	Water source	Potential disruption	Day trip

Inventory Evaluation Sheet of Tourist Attractions in Barangay Baculungan Sur

Tiking Agindang has the highest mean of 4.22. Given all the evaluation areas Liyang Calatan is ranked 5 in the cultural value, historical value and site control, while for the Tiking Agindang it is ranked 5 in the cultural value, historical value and site control. Site control refers to the area if it is largely public area to control in terms of land tenure issues (See Table 18).



Table 18. Inventory evaluation sheet of tourist attractions in Barangay Baculungan Sur

EVALUATION AREAS	ATTRACTION		
	Liyang Calatan	Man-Asok Waterfalls	Tiking Agindang
Scenic Value	4	4	4
Biodiversity	4	4	4
Cultural Value	5	4	5
Historical Value	5	4	5
Uses And Activities	4	4	4
Community Participation	4	3	4
Site Control	5	4	5
Access	2	4	2
Product Development	4	4	4
TOTAL	37	35	38
MEAN RANK	4.11	3.89	4.22

Table 19. List of tourist attractions in Barangay Sebang

ATTRACTION	CATEGORY	LOCATION
Ganangan Cave	Cultural	Sebang
Mt. Nato-O	Natural	Sebang

List of Tourist Attractions in Barangay Sebang

Ganangan Cave and Mt. Nato-o are the tourist attractions found in Barangay Sebang. Ganangan Cave is classified as a cultural attraction while Mt. Nato- o as a natural attraction. Also Mt. Nato-o is a small mountain that is marvellous for viewing and trekking while the Ganangan Cave is a burial cave that needs further studies and exploration. (See Table 19).



Table 20. Assessment according to category of tourist attractions in Barangay Sebang

CULTURAL ATTRACTIONS	LOCATION FROM CENTRAL POINT	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW	
Ganangan Cave	Anytime	Medium	Possible problem on waste management	Land tenure issues	Day trip	
NATURAL ATTRACTIONS	LOCATION FROM CENTRAL POINT	EASE OF ACCESS	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW
Mt. Nato-O	5km	Moderate	High	Water source	Potential disruption	Day trip

Assessment According to Category of Tourist Attractions in Barangay Sebang

Ganangan Cave has a market draw of day trip. Its socio-cultural concerns and environmental fragility can be classified as land tenure issues and possible problem on waste management respectively. Ganangan Cave can be visited from the central point at anytime. However, it only has medium potential use.

On the other hand, Mt. Nato- o, a natural attraction of Barangay Sebang, has a market draw of day trip. It has potential disruption as its socio-cultural concerns. The natural attraction has an environmental fragility of water source. It has high ease of access although it only has moderate ease of access and its distance from the central point is 5km (See Table 20).

Inventory Evaluation Sheet of Attractions in Barangay Sebang

Mt. Nato- o has a higher computed mean of 3.67 than Ganangan Cave with a computed mean of only 3.22. As presented in Table 7.2, the computed means of each tourist attraction was very close. It also has a very little difference in the ratings of each inventory evaluation (See Table 21).



Table 21. Inventory evaluation sheet of attractions in Barangay Sebang

EVALUATION AREAS	ATTRACTION	
	GANANGAN CAVE	MT. NATO-O
Scenic Value	4	4
Biodiversity	4	5
Cultural Value	5	4
Historical Value	4	4
Uses And Activities	3	4
Community Participation	3	4
Site Control	3	2
Access	4	3
Product Development	3	3
TOTAL	29	33
MEAN RANK	3.22	3.67

Table 22. List of tourist attractions in Barangay Catlubong

ATTRACTION	CATEGORY	LOCATION
Mt. Pulag Jr.	Natural	Ponopon
Pay-As Falls	Natural	Ponopon

List of Tourist Attractions In Barangay Catlubong

The tourist attractions in Barangay Catlubong are identified as follows: Mt. Pulag Jr. and Pay-as fall. All of them are found at Ponopon and are categorized as natural. Mt. Pulag Jr. is a mountain close to the much higher Mt. Pulag, it also offers exciting trekking, camping and picnic sites while the Pay-as Falls is said to be a twin falls because the source of its water came from two distinct locations, and it is about 10 meters high.



Table 23. Assessment according to category of tourist attractions in Barangay Catlubong

NATURAL ATTRACTIONS	LOCATION FROM CENTRAL POINT	EASE OF ACCESS	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW
Mt. Pulag Jr.	5km	Difficult	Medium	Possible problem on waste management	Potential disruption	Day trip
Pay-As Falls	8km	Difficult	Medium	Water source	Potential disruption	Day trip

Assessment According to Category of Tourist Attractions in Barangay Catlubong

All attractions are the same at potential market draw which is daytrip. Also, both have potential disruption on the socio-cultural concerns. Although both of them have a medium potential use, the ease of access is difficult. Moreover, Mt. Pulag Jr. has a 5km location from central point while Pay-as falls have an 8km location from central point.

Table 24. Inventory evaluation sheet of attractions in Barangay Catlubong

EVALUATION AREAS	ATTRACTION	
	MT. PULAG JR.	PAY-AS FALLS
Scenic Value	5	5
Biodiversity	3	4
Cultural Value	3	3
Historical Value	3	3
Uses And Activities	4	5
Community Participation	4	4
Site Control	3	3
Access	2	2
Product Development	4	4
TOTAL	31	33
MEAN RANK	3.44	3.67



Inventory Evaluation Sheet of Attractions in Barangay Catlubong

Pay-as Falls have a higher mean which is 3.67 while Mt. Pulag Jr. have a mean of 3.44.

Both of the attractions have high rank on the scenic value but still Pay-as Falls has a high rank on the biodiversity, uses and activities (See Table24).

Table 25. List of tourist attractions in Barangay Poblacion

ATTRACTION	CATEGORY	LOCATION
Abbao Swimming Pool	Recreational	Abbao
Botel Swimming Pool	Recreational	Botel
Non-Salty Hot Spring	Natural	Demang
Rice Terraces	Cultural	Ampetang / Ambetang
Salty Hot Spring	Natural	Kapangngan / Poblacion
Capuyoan Waterfalls	Natural	Capuyoan
Vegetable Garden	Cultural	Whole Barangay

Table 26. Assessment according to category of tourist attractions in Barangay Poblacion

CULTURAL ATTRACTIONS	LOCATION AND TIMING	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW	
Rice Terraces	Any time	Medium	Possible problem on waste management	Land tenure issues	Day trip	
Vegetable Terraces	Any time	Medium	Possible problem on waste management	Land tenure issues	Day trip	
NATURAL ATTRACTIONS	LOCATION FROM CENTRAL POINT	EASE OF ACCESS	POTENTIAL USE	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW
Non-Salty Hot Spring	1.5km	Easy	High	Water source	Potential disruption	Day trip
Salty Hot Spring	300m	Easy	High	Water source	Potential disruption	Day trip
Capuyoan Waterfall	1.6km	Easy	High	Water source	Potential disruption	Day trip



Table 26.Continued...

RECREATIONAL ACTIVITIES	BEST ACTIVITIES TO TAKE PLACE	LEVEL OF DIFFICULTY	ENVIRONMENTAL FRAGILITY	SOCIO-CULTURAL CONCERNS	MARKET DRAW
Abbao Swimming Pool	Swimming	Moderate	Possible problem on waste management	Peace and order to community life	Day trip
Botel Swimming Pool	Swimming	Moderate	Possible problem on waste management	Peace and order to community life	Day trip

List of Tourist Attractions in Barangay Poblacion

The tourist attractions in Barangay Poblacion are identified as follows: Abbao. Swimming Pool, Botel Swimming Pool, Non- Salty Hot Spring, Rice Terraces, Salty Hot Spring, Small Waterfall, and Vegetable Terraces. The first two attractions are categorized as recreational while the Rice Terraces and Vegetable Terraces are categorized as cultural. On the other hand, Non- Salty Hot Spring, Salty Hot Spring and the Capuyoan Waterfall are regarded as natural (See Table 25).

The Abbao Swimming Pool is found in Abbao and the Botel Swimming Pool is found in Botel. Both are manmade swimming pools and are private resorts. The Non- Salty Hot Spring can be found in Demang, and Rice Terraces is found in Ampetang. The Salty Hot Spring is found in Kapangngan / Poblacion, the Small Waterfall in Capuyoan and the Vegetable Terraces covers the whole barangay of Poblacion. Both the hot springs offer possibilities for natural hot bath in constructed bath houses. These attractions are close to each other except for the Capuyoan Falls which is about 1.6 kilometers away from central point and it is just a small falls having a height of about 3 meters



Assessment According to Category of Tourist Attractions in Barangay Poblacion

For the cultural attractions, both attractions have the potential market draw of day trip. Both cultural attractions also have the same socio-cultural concerns and environmental fragility of land tenure issues and possible problem on waste management respectively. Also their potential use, location and timing are the same.

For the natural attractions of Barangay Poblacion, it has all the same market draw, socio-cultural concerns, environmental fragility, and potential use which is day trip, potential disruption, water source high and easy respectively. But they have different distance of location from the central point. Non-Salty Hot Spring has a 1.5 km distance from the central point, Salty Hot Spring has 300m and Small Waterfall has 1.6 km.

Moreover, the recreational attractions also has the same market draw, socio-cultural concerns and environmental fragility which is day trip, peace and order community life and possible problem on waste management respectively. Also, both recreational attractions have the same level of difficulty which is medium. Swimming is also best activity to take place on the recreational attractions in Barangay Poblacion (See Table 26).

Inventory Evaluation Sheet of Attractions in Barangay Poblacion

Abbao Swimming Pool and Botel Swimming Pool both garnered the highest computed mean of 4.33. Both attractions were ranked 5 in scenic value, uses and activities, community participation, site control and product development. Meanwhile, all the tourist attractions in Barangay Poblacion were ranked 5 in scenic value. On the other hand, the Rice Terraces of Baranagy poblacion garnered the lowest computed mean of 2.78 (See Table 27).

Table 27. Inventory evaluation sheet of tourist attractions in Barangay Poblacion



EVALUATION AREAS	ATTRACTION						
	ABBAO SWIMMING POOL	BOTEL SWIMMING POOL	NON-SALTY HOT SPRING	RICE TERRACE S	SALTY HOT SPRING	CAPUYOAN WATERFALL	VEGETABLE TERRACES
Scenic Value	5	5	5	5	5	5	5
Biodiversity	4	4	3	2	3	3	3
Cultural Value	3	3	2	2	2	2	3
Historical Value	3	3	3	2	3	3	3
Uses And Activities	5	5	5	3	3	2	4
Community Participation	5	5	5	2	4	3	4
Site Control	5	5	3	2	3	3	3
Access	4	4	4	3	3	3	3
Product Development	5	5	5	4	4	3	4
Total	39	39	35	25	30	27	32
MEAN RANK	4.33	4.33	3.89	2.78	3.33	3	3.56

Summary List of Attractions and their Mean Rank Evaluated by the Barangay Officials

The mean rank of the tourist attractions by the respective barangay officials were summarized for the identification of the top ten tourist attractions. The top ten tourist attraction that obtained ranks of 3.89 and above are as follows: the Organic Agricultural Learning Center, Abbaos Swimming Pool, Botel Swimming Pool, Loo Valley with the BSU Buguias School Campus, Pakedlan, Tiking Agindang, Liyang Calatan, Agno River, Apo Anno Cave, Man-asok Waterfalls, and Non-salty Hot Spring. This ranking will be further evaluated by key informants to identify the top five.

Table 28. Summary list of attractions and their mean rank evaluated by the barangay officials

BARANGAY	TOURIST ATTRACTION	MEAN RANK
Natubleng	Apo Anno Cave	3.89
	Crocodile Head	3.56
	Cuyapon Falls	3.33

Table 28. Continued...



BARANGAY	TOURIST ATTRACTION	MEAN RANK
Natubleng	Dugen Cave	1.78
	Natubleng Apanberang	3.33
	Vegetable Terraces	
Lengaoan	Organic Agricultural Learning Center	4.56
	Sabeng Anito Conservation Park	3.78
Abatan	Agno River	4
	Burial Grounds	2.78
	Caves	2.67
	Vegetable Terraces	3.67
	Marketan	3.11
	Pakedlan	4.22
Loo	Loo Valley with the BSU Buguias School Campus	4.33
Baculongan Norte	Nacgaan Spring	2.67
	Tigfigang Kaong Cave	2.89
Baculongan Sur	Liyang Calatan	4.11
	Man-asok Waterfalls	3.89
	Tiking Agindang	4.22
Sebang	Ganangan Cave	3.22
	Mt. Nato-o	3.67
Catlubong	Mt. Pulag Jr.	3.44
	Pay-as Falls	3.67
Poblacion	Abbao Swimming Pool	4.33
	Botel Swimming Pool	4.33
	Non-salty Hot Spring	3.89
	Rice Terraces	2.78
	Salty Hot Spring	3.33
	Capuyoan Falls	3
	Vegetable Terraces	3.56

Table 29. Summary list of tourist attraction by the mean rank given by key informants



TOURIST ATTRACTION	M	VM	DOT OFFICIAL	ABC CAPTAIN	MEAN RANK
Apo Anno Cave	5	4.67	4.67	4.56	18.89
Crocodile Head	4.11	3.78	3.78	4.67	16.33
Cuyapon Falls	3.33	3.44	3.44	3.89	14.11
Dugen Cave	3.11	2.78	3	3.89	12.78
Natubleng Apanberang					
Vegetable Terraces	4.56	4.67	4.67	4.78	18.67
Sabeng Anito					
Conservation Park	3.67	3.89	3.89	4.11	15.56
Agno River	3.67	4.75	4.44	4.22	16.56
Vegetable Terraces	3.22	3.89	3.89	4.67	15.67
Marketan	3.67	4.22	4.22	4.11	16.22
Loo Valley with the BSU					
Buguias School Campus	4.56	4.89	5	5	19.44
Man-asok Waterfalls	3.78	4	4	4	15.78
Tiking Agindang	3.56	3.44	3.56	3.67	14.22
Ganangan Cave	3.89	4	4.11	3.67	15.67
Mt. Nato-o	3.44	4.22	4.22	4.33	16.22
Mt. Pulag Jr.	3.89	3.44	3.67	4.22	15.11
Pay-as Falls	4.56	4.67	4.44	4.33	18
Abbao Swimming Pool	4.44	5	5	4.78	19.22
Botel Swimming Pool	4.44	5	5	5	19.44
Non-salty Hot Spring	4.78	4.56	4.56	4.56	18.44
Rice Terraces	3.78	4.44	4.44	4.11	16.78
Salty Hot Spring	4.78	4.56	4.22	4.44	18
Capuyoan Falls	4.56	4.67	4.44	4.22	17.89
Vegetable Terraces	4.78	4.56	4.22	4.44	18

Summary List Of Tourist Attraction By The Mean Rank Given By Key Informants

All the ranked tourist attractions were further evaluated by the Mayor, Vice Mayor, DOT Official and the ABC Captain of Buguias. The inventory evaluation sheet comprises of the scenic value, biodiversity, cultural value, historical value, uses and activities, community participation, site control, access and product development. Each of these is



ranked from 1-5, wherein 5 is the highest positive ranking and 1 is the lowest ranking. Table 29 summarizes the total mean ratings made by these key informants for all the tourist attractions. Only the top five tourist attractions were chosen for the assessment of infrastructure and services available in the area.

Rank Inventory Evaluation Sheet of the top 5 Tourist Attractions

From this table, the top 5 tourist attractions are: Botel Swimming Pool, Loo Valley with the BSU Buguias School Campus, Abbao Swimming Pool, Apo Anno Cave and Natubleng Apanberang Vegetable Terraces. While the others are still not validated and explored.

The following section elaborates on the specific assessments made by the key informants for the top 5 tourist attractions:

Rank 1. Botel Swimming Pool

The result shows that Botel Swimming Pool has the first top highest total mean rank in all of the tourist attraction which is 19.44 and has a very high interpretation in all of the evaluation areas. More specifically high in ranking on the scenic value, biodiversity, cultural value, historical value, uses and activities (See Table 30).

Rank 2. Loo Valley with the BSU Buguias School Campus

The result shows that Loo Valley with the BSU Buguias School Campus has the second top highest total mean rank in all tourist attraction which is 19.44 and has a very high interpretation in all of the evaluation areas. More specifically high in ranking of the scenic value, cultural value, historical value, uses and activities (See Table 31).

Rank 3. Abbao Swimming Pool



The result shows that Abbao Swimming Pool has the third top highest total mean rank in all tourist attraction which is 19.22 and has a very high interpretation in all of the evaluation areas. More specifically high in ranking on the scenic value, biodiversity, cultural value and historical value (See Table 32).

Rank 4. Apo Anno Cave

The result shows that Apo Anno Cave has the fourth top highest total mean rank in all tourist attraction which is 18.89 and has a very high interpretation in all evaluation areas. More specifically high in ranking on the scenic value, cultural value, historical value, access and product development (See Table 33).

Rank 5. Natubleng Apanberang Vegetable Terraces

The result shows that the Natubleng Apanberang Vegetable Terraces has the fifth top highest total mean rank in all tourist attraction which is 18.67 and has a very high interpretation in all evaluation areas except for the product development. More specifically high in ranking on the scenic value, biodiversity, cultural value, historical value, uses and activities (See Table34).



Table 30. Botel Swimming Pool

EVALUATION AREAS	EVALUATOR						
	M	VM	DOT	ABC	TOTAL	MEAN	INTERPRETATION
Scenic Value	5	5	5	5	20	5	Very High
Biodiversity	5	5	5	5	20	5	Very High
Cultural Value	5	5	5	5	20	5	Very High
Historical Value	5	5	5	5	20	5	Very High
Uses And Activities	5	5	5	5	20	5	Very High
Community Participation	3	5	5	5	18	4.5	Very High
Site Control	4	5	5	5	19	4.75	Very High
Access	4	5	5	5	19	4.75	Very High
Product Development	4	5	5	5	19	4.75	Very High
Total	40	45	45	45	175	43.75	
Mean	4.44	5	5	5	19.44		

Legend: Score	Interpretation
4.1 - 5.0	-Very High
3.1 - 4.0	-High
2.1 - 3.0	-Medium
1.1 - 2.0	-Low
0 – 1.0	-Very Low

Table 31. Loo Valley with the BSU Buguias School Campus

EVALUATION AREAS	EVALUATOR						
	M	VM	DOT	ABC	TOTAL	MEAN	INTERPRETATION
Scenic Value	5	5	5	5	20	5	Very High
Biodiversity	5	4	5	5	19	4.75	Very High
Cultural Value	5	5	5	5	20	5	Very High
Historical Value	5	5	5	5	20	5	Very High
Uses And Activities	5	5	5	5	20	5	Very High
Community Participation	4	5	5	5	19	4.75	Very High
Site Control	4	5	5	5	19	4.75	Very High
Access	4	5	5	5	19	4.75	Very High
Product Development	4	5	5	5	19	4.75	Very High
Total	41	44	45	45	175	43.75	
Mean	4.56	4.89	5	5	19.44		

Legend: Score	Interpretation
4.1 - 5.0	-Very High
3.1 - 4.0	-High
2.1 - 3.0	-Medium
1.1 - 2.0	-Low
0 – 1.0	-Very Low



Table 32. Abbao Swimming Pool

EVALUATION AREAS	EVALUATOR						
	M	VM	DOT	ABC	TOTAL	MEAN	INTERPRETATION
Scenic Value	5	5	5	5	20	5	Very High
Biodiversity	5	5	5	5	20	5	Very High
Cultural Value	5	5	5	5	20	5	Very High
Historical Value	5	5	5	5	20	5	Very High
Uses And Activities	5	5	5	3	18	4.5	Very High
Community Participation	3	5	5	5	18	4.5	Very High
Site Control	4	5	5	5	19	4.75	Very High
Access	4	5	5	5	19	4.75	Very High
Product Development	4	5	5	5	19	4.75	Very High
Total	40	45	45	43	173	43.25	
Mean	4.44	5	5	4.78	19.22		

Legend: Score	Interpretation
4.1 - 5.0	-Very High
3.1 - 4.0	-High
2.1 - 3.0	-Medium
1.1 - 2.0	-Low
0 – 1.0	-Very Low

Table 33. Apo Anno Cave

EVALUATION AREAS	EVALUATOR						
	M	VM	DOT	ABC	TOTAL	MEAN	INTERPRETATION
Scenic Value	5	5	5	5	20	5	Very High
Biodiversity	5	4	4	4	17	4.25	Very High
Cultural Value	5	5	5	5	20	5	Very High
Historical Value	5	5	5	5	20	5	Very High
Uses And Activities	5	5	5	4	19	4.75	Very High
Community Participation	5	5	5	4	19	4.75	Very High
Site Control	5	5	5	4	19	4.75	Very High
Access	5	4	4	5	18	4.5	Very High
Product Development	5	4	4	5	18	4.5	Very High
Total	45	42	42	41	170	42.5	
Mean	5	4.67	4.67	4.56	18.89		

Legend: Score	Interpretation
4.1 - 5.0	-Very High
3.1 - 4.0	-High
2.1 - 3.0	-Medium
1.1 - 2.0	-Low
0 – 1.0	-Very Low



Table 34. Natubleng Apanberang Vegetable Terraces

EVALUATION AREAS	EVALUATOR						IMPLICATION
	M	VM	DOT	ABC	TOTAL	MEAN	
Scenic Value	5	5	5	5	20	5	Very High
Biodiversity	5	5	5	5	20	5	Very High
Cultural Value	5	5	5	5	20	5	Very High
Historical Value	5	5	5	5	20	5	Very High
Uses And Activities	5	5	5	5	20	5	Very High
Community Participation	4	4	4	5	17	4.25	Very High
Site Control	5	4	4	4	17	4.25	Very High
Access	3	5	5	5	18	4.5	Very High
Product Development	4	4	4	4	16	4	High
Total	41	42	42	43	168	42	
Mean	4.56	4.67	4.67	4.78	18.67		

Legend: Score	Interpretation
4.1 - 5.0	-Very High
3.1 - 4.0	-High
2.1 - 3.0	-Medium
1.1 - 2.0	-Low
0 – 1.0	-Very Low

The Infrastructure and Services Available of the Top 5 Tourist Attractions

From the top 5 tourist attraction their infrastructure and services available were voted by the Barangay Officials. It comprises the transportation sheet, public services and evaluation surroundings of the top 5 tourist attractions. For the transportation sheet it comprises the location, reliability and safety, general conditions and environmental sustainability, while for the public services it includes the main concerns of the community to provide tourists satisfactory. For the evaluation surroundings it answers to qualify the factors of the surroundings like for: air quality, noise level, road traffic, solid waste management, conditions of home/buildings, clean water source, nature landscape, health of major attractions and health risk.



Rank 1. Botel Swimming Pool Infrastructure and Services Available

Tables 35 to 37 describe the assessment of the attraction according to transportation sheet, public services and evaluation surroundings. All are favorably ok in all the factors in the transportation sheet. For the public services, BPAT officers are only the ones who are prepared to handle increase duties to manage potential increase in crime. Visitors can get emergency health care locally only from Rural Health Unit. The nearest hospital is 16 kilometers away. The streets and public areas are kept clean. In addition only cellular phones are use for communication in the area. However the following services are not available: ambulance service, fire protection service, rest rooms, internet direct dialling, internet and local banking services

Table 35. Assessment of Botel Swimming Pool according to transportation sheet

	LOCATION SERVED CONNECTION S	RELIABILIT Y AND SAFETY	GENERAL CONDITION S	ENVIRONMENTA L SUSTAINABILITY
Highways	Ok	Ok	Ok	Ok
Secondary road	Ok	Ok	Ok	Ok

Table 36. Assessment of Botel Swimming Pool according to available public services

QUESTIONS	
Is the local police force prepared to handle increased duties: control crowd, assist visitors, manage potential increase in crime?	No, BPAT only
Is emergency road service available?	Private only
Can visitors get emergency health care locally?	Rural Health Unit
If not available locally, how far is it to the nearest hospital?	16 km
Is ambulance service available in the area?	No
Is there a local fire protection service?	No



Table 36. Continued...

QUESTIONS	
Are there public restrooms in the destination?	No
Are there public restrooms well-maintained and clean?	No
Are streets and public areas kept clean?	Yes
Are there telephone services available for:	
Internet direct dialing?	No
Internet?	No
Cellular phones?	Yes
Are there local banking services available to:	
Change currency?	No
Withdraw on credit cards?	No
Cash traveler's check?	No

*BPAT refers to Barangay Peace keeping Action Team

Table 37. Assessment of Botel Swimming Pool according to the evaluation surroundings

FACTOR	PERCEIVED CONDITION
Air quality	Ok
Noise level	Ok
Road traffic	Ok
Solid waste management	Ok
Conditions of home/ buildings	Ok
Clean water source	Ok
Nature landscape	Ok
Health of major attractions	Ok
Health risk	Ok



Rank 2. Loo Valley with the BSU Buguias School Campus Infrastructure and Services Available

For the transportation sheet and evaluation surroundings, all are favorably ok in all the factors while for the public services, police force are prepared to handle increased duties to manage potential increase in crime, for visitors can get emergency health care locally and they can go for hospital for 3km away only, also for the streets and public areas are kept clean. In addition only cellular phones and internet are used for communication in the area. Lastly the community can offer emergency road service and local fire protection too. However the following services are not available: ambulance service and local banking services.

Table 38. Assessment of Loo Valley with the BSU Buguias School Campus according to transportation sheet

	LOCATION SERVED CONNECTION S	RELIABILITY AND SAFETY	GENERAL CONDITION S	ENVIRONMENTAL SUSTAINABILITY
Highways	Ok	Ok	Ok	Ok
Secondary road	Ok	Ok	Ok	Ok

Table 39. Assessment of Loo Valley with the BSU Buguias School Campus according to available public services

QUESTIONS	
Is the local police force prepared to handle increased duties: control crowd, assist visitors, manage potential increase in crime?	Yes
Is emergency road service available?	Private only
Can visitors get emergency health care locally?	Yes
If not available locally, how far is it to the nearest hospital?	3 km
Is ambulance service available in the area?	No



Table 39. Continued...

QUESTIONS	
Is there a local fire protection service?	Yes
Are there public restrooms in the destination?	Yes
Are there public restrooms well-maintained and clean?	Yes
Are streets and public areas kept clean?	Yes
Are there telephone services available for:	
Internet direct dialing?	No
Internet?	Yes
Cellular phones?	Yes
Are there local banking services available to:	
Change currency?	No
Withdraw on credit cards?	No
Cash traveler's check?	No

Table 40. Assessment of Loo Valley with the BSU Buguias School Campus according to the evaluation surroundings

FACTOR	PERCEIVED CONDITION
Air quality	Ok
Noise level	Ok
Road traffic	Ok
Solid waste management	Ok
Conditions of home/ buildings	Ok
Clean water source	Ok
Nature landscape	Ok
Health of major attractions	Ok
Health risk	Ok



Rank 3. Abbao Swimming Pool Infrastructure and Services Available

The assessment for the Abbao Swimming Pool is the same as that of the Botel Swimming Pool. All are favorably ok in all the factors in the transportation sheet. For the public services, BPAT officers are only the ones who are prepared to handle increase duties to manage potential increase in crime. Visitors can get emergency health care locally only from Rural Health Unit. The nearest hospital is 16 kilometers away. The streets and public areas are kept clean. In addition only cellular phones are use for communication in the area. However the following services are not available: ambulance service, fire protection service, rest rooms, internet direct dialling, internet and local banking services.

Table 41. Assessment of Abbao Swimming Pool according to transportation sheet

	LOCATION SERVED CONNECTION S	RELIABILIT Y AND SAFETY	GENERAL CONDITION S	ENVIRONMENTA L SUSTAINABILITY
Highways	Ok	Ok	Ok	Ok
Secondary road	Ok	Ok	Ok	Ok

Table 42. Assessment of Abbao Swimming Pool according to available public services

QUESTIONS	
Is the local police force prepared to handle increased duties: control crowd, assist visitors, manage potential increase in crime?	No, BPAT only
Is emergency road service available?	Private only
Can visitors get emergency health care locally?	Rural Health Unit
If not available locally, how far is it to the nearest hospital?	16 km
Is ambulance service available in the area?	No
Is there a local fire protection service?	No



Table 42. Continued...

QUESTIONS	
Are there public restrooms in the destination?	No
Are there public restrooms well-maintained and clean?	No
Are streets and public areas kept clean?	Yes
Are there telephone services available for:	
Internet direct dialing?	No
Internet?	No
Cellular phones?	Yes
Are there local banking services available to:	
Change currency?	No
Withdraw on credit cards?	No
Cash traveler's check?	No

Table 43. Assessment of Abbao Swimming Pool according to the evaluation surroundings

FACTOR	PERCEIVED CONDITION
Air quality	Ok
Noise level	Ok
Road traffic	Ok
Solid waste management	Ok
Conditions of home/ buildings	Ok
Clean water source	Ok
Nature landscape	Ok
Health of major attractions	Ok
Health risk	Ok

Rank 4. Apo Anno Cave Infrastructure and Services Available

For the transportation sheet and evaluation surroundings, all are favorably ok in all the factors while for the public services, Police force are prepared to handle increased



duties to manage potential increase in crime, for visitors can get emergency health care locally and the community can offer emergency road service, also for the streets and public areas are kept clean. In addition only cellular phones are used for communication in the area.

Table 44. Assessment of Apo Anno Cave according to transportation sheet

	LOCATION SERVED CONNECTION S	RELIABILITY AND SAFETY	GENERAL CONDITIONS	ENVIRONMENTAL SUSTAINABILITY
Highways	Ok	Ok	Ok	Ok
Secondary road	Ok	Ok	Ok	Ok

Table 45. Assessment of Apo Anno Cave according to available public services

QUESTIONS	
Is the local police force prepared to handle increased duties: control crowd, assist visitors, manage potential increase in crime?	Yes
Is emergency road service available?	Yes
Can visitors get emergency health care locally?	Yes
If not available locally, how far is it to the nearest hospital?	5 km
Is ambulance service available in the area?	No
Is there a local fire protection service?	No
Are there public restrooms in the destination?	No
Are there public restrooms well-maintained and clean?	No
Are streets and public areas kept clean?	Yes
Are there telephone services available for:	
Internet direct dialing?	No
Internet?	No
Cellular phones?	Yes



Table 45. Continued...

QUESTIONS	
Are there local banking services available to:	
Change currency?	No
Withdraw on credit cards?	No
Cash traveler's check?	No

Table 46. Assessment of Apo Anno Cave according to the evaluation surroundings

FACTOR	PERCEIVED CONDITION
Air quality	Ok
Noise level	Ok
Road traffic	Ok
Solid waste management	Ok
Conditions of home/ buildings	Ok
Clean water source	Ok
Nature landscape	Ok
Health of major attractions	Ok
Health risk	Ok

Rank 5. Natubleng Apanberang Vegetable Terraces Infrastructure and Services Available

The assessment for Natubleng Apanberang Vegetable Terraces is the same as the Apo Anno Cave because these attractions are in the same barangay. For the transportation sheet and evaluation surroundings, all are favourably ok in all the factors while for the public services, Police force are prepared to handle increased duties to manage potential increase in crime, for visitors can get emergency health care locally and the community can offer emergency road service, also for the streets and public areas are kept clean. In addition only cellular phones are used for communication in the area.



Table 47. Assessment Natubleng Apanberang Vegetable Terraces according to transportation sheet

	LOCATION SERVED CONNECTION S	RELIABILITY AND SAFETY	GENERAL CONDITION S	ENVIRONMENTAL SUSTAINABILITY
Highways	Ok	Ok	Ok	Ok
Secondary road	Ok	Ok	Ok	Ok

Table 48. Assessment of Natubleng Apanberang Vegetable Terraces according to available public services

QUESTIONS	
Is the local police force prepared to handle increased duties: control crowd, assist visitors, manage potential increase in crime?	Yes
Is emergency road service available?	Yes
Can visitors get emergency health care locally?	Yes
If not available locally, how far is it to the nearest hospital?	5 km
Is ambulance service available in the area?	No
Is there a local fire protection service?	No
Are there public restrooms in the destination?	No
Are there public restrooms well-maintained and clean?	No
Are streets and public areas kept clean?	Yes
Are there telephone services available for:	
Internet direct dialing?	No
Internet?	No
Cellular phones?	Yes
Are there local banking services available to:	
Change currency?	No
Withdraw on credit cards?	No
Cash traveler's check?	No



Table 49. Assessment of Natubleng Apanberang Vegetable Terraces according to the evaluation surroundings

FACTOR	PERCEIVED CONDITION
Air quality	Ok
Noise level	Ok
Road traffic	Ok
Solid waste management	Ok
Conditions of home/ buildings	Ok
Clean water source	Ok
Nature landscape	Ok
Health of major attractions	Ok
Health risk	Ok

LGU's Plan and Development Program

For the LGU's plan and development programs for each of the top 5 attractions are: to construct waiting sheds, electric lights, cell site, and police outpost for the top 1 and 3 attraction which is the Botel swimming pool and Abbao swimming pool. While for the top 4 and 5 attraction which are the Apo Anno Cave and Natubleng Apanberang Vegetable Terraces are to developed the tourist attractions potentially and to make some funding on construction of public toilets and rehabilitation of site and roads to the area. Also for the top 2 attraction which is the Loo Valley with the BSU Buguias school campus, is that the concerned Barangay is about to make some improvements and beautification of the tourist attraction.



SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

Summary

This study was conducted to assess the tourist attractions in each of the Barangays of Buguias, to assess the infrastructure and services available in the area, and lastly to determine the LGU plan and development programs that will benefit the tourists attractions, tourists and the people of the community.

There were 20 respondents in this study namely: the Municipal officials and Barangay officials of the area. A survey questionnaire, observation through transect walk and interview schedules were used in the collection of data. The framework followed by the Tourism Assessment made by Gutierrez *et al.* (2005). The data was analyzed using simple statistics, ranking and descriptive.

The results of the study showed that the Municipality of Buguias has a number of tourist attractions found in the various Barangays as follows: the Apo Anno Cave, Crocodile Head, Dugen Cave, Cuyapon Falls and the Natubleng Apanberang Vegetable Terraces in Barangay Natubleng; the Organic Agricultural Learning Center and the Sabeng Anito Conservation park in Barangay Lengaoan; the Agno river, Burial Grounds, Cave, Garden Terraces, Marketan and the Pakedlan in Barangay Abatan; the BSU School Campus and the whole Barangay of Loo which is claimed to be the salad bowl of Buguias in Barangay Loo; the Nacgaan Spring and the Tik-tiki Kaong Cave in Barangay Baculungan Norte; the Liyang Calatan, Man-asok Waterfalls and the Tiking Agindang in Barangay Baculungan Sur; the Ganangan Cave and Mt. Nato-o in Barangay Sebang; the Mt. Pulag Jr. and the Pay-as Falls in Barangay Catlubong; And the Abbao Swimming Pool, Botel Swimming Pool, Non-salty Hot Spring, Rice Terraces, Salty Hot Spring, Small



Waterfall and the Vegetable Garden in Barangay Poblacion. The following attractions were identified as natural: the Crocodile Head, Cuyapon Falls, Sabeng Anito Conservation Park, Agno River, Caves, Loo Valley, Nacgaan Spring, Tigfigang Kaong Cave, Man-Asok Waterfalls, Mt. Nato-O, Mt. Pulag Jr., Pay-As Falls Non-Salty Hot Spring, Salty Hot Spring and Capuyoan Falls. The following are cultural attractions: Apo Anno cave, Dugen Cave, Natubleng Apanberang Vegetable Terraces, Organic Vegetable Learning Center, Burial Grounds, Vegetable Terraces in Abatan, Pakedlan, Liyang Calatan, Tiking Agindang, Ganangan Cave, Rice Terraces and Vegetable Terraces in Poblacion. While for the Abbao and Botel Swimming Pool are both recreational but for the Marketan in Abatan is historical. All attractions were assessed as follows: the nearest tourist attraction to its barangay center is Salty Hot Spring and the farthest is the Pay-as Falls. The following tourist attractions were assessed to have ease of access for the Tik-tiki Kaong Cave, Man-asok Waterfalls, Non-salty Hot Spring, Salty Hot Spring and Capuyoan Falls. High potential use was identified for Apo Anno Cave, Natubleng Apanberang Vegetable Terraces, Cuyapon Falls, Organic Agricultural Center, Loo Valley with the BSU Buguias School Campus, Nacgaan Spring, Mt. Nato-o, Non-salty Hot spring, Salty Hot Spring and Capuyoan Waterfalls. The common environmental concerns are the possibility of problems on waste management and water source. For the socio-cultural concerns are the potential disruption, peace and order to community life. All the tourist attractions have a market draw of day trip. The top ten ranked tourist attraction by the barangay based on the inventory evaluation are as follows: the Organic Agricultural Learning Center, Abbao Swimming Pool, Botel Swimming Pool, Loo Valley with the BSU Buguias School Campus, Pakedlan, Tiking Agindang, Liyang Calatan, Agno River, Apo Anno Cave, Man-



asok Waterfalls and Non-salty Hot Spring. On the other hand the top five tourist attractions ranked by the key informants are the: Botel Swimming Pool, Loo Valley with the BSU Buguias School Campus, Abbaio Swimming Pool, Apo Anno Cave and Natubleng Apanberang Vegetable Terraces. The infrastructure and services available are largely available except for the ambulance service, fire protection service and local banking services in the top five tourist attractions. The LGU plans and development programs include the construction of waiting sheds, electric lights, cell site, and police outpost for the top 1 and 3 attraction which is the Botel swimming pool and Abbaio swimming pool. While for the top 4 and 5 attraction which are the Apo Anno Cave and Natubleng Apanberang Vegetable Terraces are to developed the tourist attractions potentially and to make some funding on construction of public toilets and rehabilitation of site and roads to the area. Also for the top 2 attraction which is the Loo Valley with the BSU Buguias school campus, is that the concerned Barangay is about to make some improvements and beautification of the tourist attraction.

Conclusions

Based on the results of the study, the following can be concluded:

1. The municipality of Buguias can boast of a number of tourists attractions which has a great potential for employment and economic benefit.
2. The tourist attractions are categorized as cultural, natural, historical and recreational. But not all of the tourist attraction have been validated and discovered. There is a need for further exploration of it by the concerned authorities.
3. Most infrastructure and services are available, except for the following: ambulance service, fire protection service, and local banking services.



4. The tourist attractions are needing further product development, increased uses and activities, greater community participation, and better site control and access.

Recommendations

1. The municipality of Buguias should promote tourism especially for the identified tourist attractions in this study. It is suggested that the local government should do further exploration of this sites. Since there are still tourists attractions that are not validated and still not discovered.

2. The local government of Buguias should provide direct attention on the following:

a. The attractions identified should be improved and renovated such as making the pathways to the site safe for the tourist, and should be maintained and preserved.

b. Government funding should be allocated to construct facilities that will be needed to boost the tourism in the identified attractions.

3. Development of brochures and websites to further promote the various tourist attractions. The local government should come up with a promotional package for the tourists.



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