

The Role of the Community in Minimizing Waste in the Tourism Environment at Pukan Beach, Bangka Belitung

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Abstract

Waste is something that is familiar to the wider community. The problem related to waste that often occurs is careless disposal of waste, one of which is in public places in the form of tourist attractions, such as at Pukan Beach in Merawang District, Bangka Regency, Bangka Belitung Islands. Through research carried out using qualitative research methods by conducting interviews and observations, the results obtained were that the scattered rubbish was divided into two types, organic and inorganic and the cleaning process was quite difficult due to the lack of human resources and the large amount of rubbish scattered around. This is enough to make tourists feel uncomfortable because it makes the eyes unpleasant to see a beach area full of rubbish. Because of this, the role of participation from the community and the role of participation from visitors is needed. The role of the community must of course be more dominant in developing tourism spots in the area. With the participation of the community and visitors in maintaining the cleanliness of tourist attractions, sustainable tourism development can occur and provide substantial benefits for all communities, governments and the country.

Keywords: Community participation, Beach tourism, Waste management

A. INTRODUCTION

Human waste is something that is familiar to the wider community. Waste as residual or waste material resulting from the production process from human or animal activities that is not reused, if it is not managed correctly, will cause health problems, reduce environmental quality, and reduce environmental aesthetics (Ikhwan et al., 2019). The waste itself can come from natural waste in the form of leaves and wood chips, as well as artificial waste such as plastic and paper. Every region of course has a rubbish dump, both recyclable rubbish and non-recyclable rubbish. Apart from that, waste is also often a problem faced by society.

The problem related to waste that often occurs is the careless disposal of waste, one of which is in public places in the form of tourist attractions, such as at Pukan Beach in Merawang District, Bangka Regency, Bangka Belitung Islands, which on this occasion was taken as a place. location data collection. Tourism places should be a place to relax for visitors, but because of the scattered rubbish, visitors feel uncomfortable with the surrounding environment. This is a bad habit which, if repeated continuously, can cause environmental damage and reduce tourists' interest in visiting tourist attractions.

Basically, tourism is an important sector in a country's territory which develops the country's territory in terms of environmental, social, cultural and economic influences for the present and future for the entire community. According to Darma et al., (2020), tourism is an activity that directly touches and engages the community so that it brings various impacts to the community. This can be seen from the development of the tourism sector in a region of the country with income obtained through general acceptance for tourists to visit, both local and foreign tourists. By providing social services offered to visitors, it is hoped that it can increase comfort and satisfaction for visitors.

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According to Abbas et al., (2021) tourism is a new style of industry, which is capable of providing rapid economic growth in terms of employment opportunities, income, standard of living, and in activating other production sectors in tourist receiving countries. Tourism is a significant source of revenue for coastal communities all over the world (Lukoseviciute & Panagopoulos, 2021). According to Ernawati, (2023) tourism in the modern sense is human behavior today which is basically to meet needs, health and change of climate. Meanwhile, in particular, it is caused by increasing social interaction between various nations and classes of human society as a result of the development of commerce, industry, trade, as well as improvements in means of transportation.

Previous research explains that basically tourism management is very important to support the potential for sustainable development of the tourism sector. Unmanaged waste around the beach causes the clean beach index to fall into the "very dirty" category and reduces the visitor reception index. In this case, the resulting conditions will make tourism unsustainable (Pabilando et al., 2021). On small tourist islands, waste management should not only involve the beach areas favored by tourists, but also the entire island area. Plastic is the most widely used material and is persistent and has a large contribution to primary contaminants in the marine environment. In this regard, awareness should be created among local residents as well as visitors for that matter (Bhuyan et al., 2019).

Tourism itself must be promoted by considering the ecosystem and biodiversity of an island. The island's environment must be protected through environmentally friendly tourism practices. Regarding the waste problem that occurs, an alternative action that can be taken is to reduce the risk of environmental pollution by plastic waste (Hasibuan et al., 2021). The use of waste banks is still an alternative solution to reduce the amount of waste produced, however, to handle this, it is still necessary to educate the public regarding waste reduction in accordance with the regulations that have been stated. Waste bank management itself needs to involve many local communities, because that way it will be easier to protect tourist destinations from negative issues for the growing tourism industry.

Apart from that, there are problems that often occur, which start from the problem of where the source of the waste comes from with the aim of finding out where the waste comes from. Then, what is the cleaning process so that you can know the cleaning process carried out. And finally, what is the visitor's perception of the scattered rubbish, which can be used to determine the perception of the visitors who come on tour. In this context, through this introduction we will review how the tourism sector needs to be shown to the public. With an understanding of tourism, it is hoped that tourism development can continue.

B. RESEARCH METHOD

The research method used in this research is a qualitative research method using an interview and observation system. According to Parsons, (2001) qualitative research methods in the sense of qualitative research do not rely on evidence based on mathematical logic, numerical principles, or statistical methods. Qualitative research aims to preserve the form and content of human behavior and analyze its qualities, rather than transforming it into quantitative entities (Denzin, 2008). Meanwhile, according to Creswell, (2013) the qualitative approach to data collection, analysis, interpretation, and report writing is different from the traditional quantitative approach. Purposeful sampling, open data collection, analysis text or images, representation of information in figures and tables, and personal interpretation of findings all inform methods qualitative So, this research method will focus on analyzing data regarding the causes and resolution of problems that occur.

C. RESULTS AND ANALYSIS

Through interviews and observations carried out through the existing problem formulation, answers were found that were quite complex and sufficient to explain the objectives of this research. From the interviews conducted, it was found that the rubbish on Pukan Beach was of two types, organic rubbish and inorganic rubbish. Organic waste is waste caused by leaves from trees, while inorganic waste is waste caused by visitors who throw the waste not in the places provided. Disposing of waste in the right place will not cause serious problems, but the accumulation of waste in inappropriate places can cause environmental damage (Pabilando et al., 2021).

In efforts to clean and deal with it, the management itself has two people to clean up the rubbish that is strewn in each area of the beach. However, because the officers were unable to clean up, most of the rubbish was still scattered in several places around. Because of this, the waste management carried out by the management is by burning the rubbish. In which case, the rubbish is collected to a fairly safe bank, then burned to manage the rubbish so that it does not scatter again. This method is the most effective method that can be used by beach managers in order to minimize rubbish strewn around the beach. Order development tour sustainable so sector tourist need a strategy with pattern development planned tourism or arranged so that the potential is owned can be developed optimally (Hailuddin et al., 2022).

Regarding tourist attractions, of course lots of visitors come to visit, especially the tourist attractions are beaches. In this interview, visitors' perceptions were also seen, according to visitors, they felt uncomfortable with the rubbish strewn on the beach area so that the rubbish really disturbed the view of the beach and made them feel uncomfortable. This is caused by the lack of rubbish bins placed on each side and the lack of awareness of visitors to throw rubbish in the right place, which then causes the rubbish to scatter. The visitors also hope that this can be overcome by adding the placement of rubbish bins in several areas so that visitors can more easily dispose of rubbish in the right place so that the rubbish is no longer scattered on the beach area.

In general, tourism is a sector that has an important role in a region of the country which is the development of the region of that country both in terms of environmental, socio-cultural and economic influences for the present and future for the entire community. The development of the tourism sector is essentially an interaction between social, economic, and industrial processes (Thommandru et al., 2023). This role can be seen from the development of the tourism sector in a region of the country with income obtained through general acceptance for tourists to visit, both local and foreign tourists. Currently, the tourism industry has become one of the fastest-growing economic sectors. It accounts for more than 9% of the global GDP by providing various kinds of social services to visitors who come, it is hoped that this can increase comfort and satisfaction for visitors (Thommandru et al., 2023).

Regarding comfort and satisfaction for visitors, common problems often occur which result in tourists feeling uncomfortable. This is because there is so much rubbish that is still scattered around that it is quite disturbing to look at. Even though there are supporting facilities to deal with this waste, the rubbish is still scattered around. The scattered rubbish then becomes a trigger for visitors' feelings of discomfort and dissatisfaction. Proper settlement of the situation of waste material helps keep the empty surroundings, open disease brings about pathogens and keeps it green (Cordova et al., 2021).

Overall, tourist attractions have their appeal depending on how local people can promote and inform the general public about these tourist attractions. Tourist objects and attractions according to law number 10 of 2009 concerning tourism states that everything that has uniqueness, beauty and value in the form of a diversity of natural, cultural and man-made products is the target or purpose of tourist visits and regional tourist destinations. Hereinafter referred to as tourism destinations. Meanwhile, according to Siregar et al., (2021) a tourist destination must have its own attraction to attract tourists.

According to Darma et al., (2020) community involvement is a process in which community members, as well as social groups and organizations, participate and have an impact on the formulation, implementation and evaluation of public policies that have a direct impact on people's lives. So, in simple terms it can be said that as a community, whether individuals or groups, the community has a role in having an impact on tourist attractions. This can affect the development of tourism, energy and materials and in the form of development of any tourist attraction. Tourism can also be said as an industry closely related to the production, marketing, and development of a service to meet the needs of individuals and groups when they travel (Abbas et al., 2021). Therefore, the role of the community is quite important in this matter.

According to Warouw et al., (2023) conceptualizes sustainable tourism development as development that focuses on two things, namely the sustainability of tourism as an economic activity on the one hand and considering tourism as an element of broader sustainable development policy. If sustainable tourism development can be managed well, tourism can benefit the region concerned. This can be done by providing jobs that can be created from these tourist attractions. In this way, it is hoped that it can create quality opportunities for the community.

Waste or rubbish around the beach that is not managed properly causes the clean beach index to fall into the "very dirty" category and reduces the visitor acceptance index. With the reason of the location of the trash that is far away the visitors are willing to throw garbage anywhere or if they do not want to be seen they also tuck it in an area that is not easily reachable by the eye (Astuti et al., 2023). In this case, the resulting conditions will make tourism unsustainable. On small tourist islands, waste management should not only involve the beach areas favored by tourists, but also the entire island area. In this case, awareness must be created both among local residents and among visitors.

The awareness that needs to be formed among local communities is awareness of how important it is to maintain the cleanliness of tourist attractions. Tourist attractions that are kept clean will further increase the attraction of tourists to visit. With the large number of tourists visiting, this can increase the essence of the tourist spot thereby increasing the percentage level of visitors. That way, tourist attractions will attract more tourist interest. By maintaining the cleanliness of tourist attractions, we also increase the beauty of these tourist attractions. Maintained beauty can be the main ingredient to attract tourists. Therefore, local communities need to have this awareness.

Regarding the waste problem which occurs quite often, an alternative action that can be taken is to reduce the risk of environmental pollution by plastic waste. Utilizing trash cans as facilities is still an alternative solution to reduce the number of vovs produced. However, to handle it, it is still necessary to educate the public regarding waste reduction activities in accordance with the regulations listed. The management of rubbish bins itself needs to involve many local communities, because that way it will be easier to protect tourist destinations from negative issues regarding the growing tourism industry so that they can still attract and increase tourists.

Negative issues regarding tourist attractions can be in the form of problems with scattered rubbish, causing the tourist attraction to become ugly in the eyes of tourists. By improving the cleanliness of tourist attractions, these tourist attractions can get many positive issues. These positive issues increase the level of interest of tourists so that many tourists come to visit to enjoy the beauty of this tourist spot. Through the large number of tourists who come to visit, this hall certainly increases all the good perceptions of tourists.

As a local community, of course you will feel proud if a tourist spot in the area can attract a lot of tourist interest. By attracting lots of tourist interest, it will be possible to improve the economy of the region so that it can experience a significant increase in the tourism sector. However, the tourism sector provides quite a large income for a region, including increasing income for the country.

D. CONCLUSION

Garbage problems often occur in various tourist destinations, one of which is the beach. The waste produced in coastal areas is in the form of inorganic waste and organic waste. Inorganic waste can come from visitors who come bringing food or drinks wrapped in plastic. Meanwhile, organic waste can come from trees around the beach which fall every day. The spread of rubbish also comes from communities around the beach as well as from business actors in the coastal environment who are less aware of proper and correct rubbish disposal. The types of organic waste produced in coastal areas are mostly food waste from guests, leftover food raw materials, paper, cardboard, cartons, newspapers, and so on. The waste management strategy used is to sort it first, separating organic and inorganic waste. Next, the rubbish is cleaned and collected and then taken to a rubbish dump by throwing it into a rubbish dump. This can reduce the waste on Pukan beach, Bangka Belitung. Organic waste is processed by burning it or planting it so that it can become fertilizer later. That way, if this can be realized, it will also create comfort for visitors and can realize appropriate sustainable tourism development. Future suggestions are: managers must add rubbish bins to each beach hut, managers must add cleaning teams in each area, the government must provide assistance to reduce this waste, the local community's awareness will be raised again so that they can reduce waste in the beach area, managers must increase waste transportation so that waste accumulation does not occur.

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