

Development Strategy to Increase Tourist Attraction Safety Level: A Case of Cengklik Reservoir

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Abstract

Cengklik Reservoir tourist attraction is the latest tourist attraction in Boyolali. By relying solely on artificial tourism, Cengklik Reservoir transformed itself from rarely visited to many visitors not only anglers. The problem is the lack of facilities for security, infrastructure, facilities, and adequate infrastructure so that tourists feel uncomfortable. Therefore, the purpose of this research is to analyze and evaluate the activities at Cengklik Reservoir. This research uses a qualitative method with a descriptive approach so that it can identify the shortcomings that exist in the Cengklik Reservoir tourist attraction. The results found that the tourist activity there is a boat ride around the reservoir. In the research it was found that the activity was not equipped with buoys and the lack of adequate facilities and infrastructure made tourists feel unsafe. This study provides recommendations for improvements in terms of rescue facilities such as buoys, adequate facilities and infrastructure, and human resources (HR) who are ready in the event of a disaster.

Keywords: Safety, Tourist Security, Development, Tourist Objects, Attractions

A. INTRODUCTION

Cengklik Reservoir is one of the most popular tourist destinations in Central Java, Indonesia. With its beautiful natural scenery and various recreational activities on offer, the reservoir attracts many tourists every year. Tourists can enjoy the stunning beauty of the sunset by the reservoir, while enjoying the soothing breeze. In addition, Cengklik Reservoir also offers various water activities such as boating, fishing and swimming, which are the main attractions for visitors. Around the reservoir, there are trekking trails that allow tourists to explore the beauty of the surrounding nature. These trails offer stunning views, ranging from lush green forests to towering hills. For photography lovers, Cengklik Reservoir is a paradise that offers many instagrammable photo spots.

Apart from nature activities, Cengklik Reservoir also has complete recreational facilities. There is a large picnic area with comfortable tables and benches, as well as a play area for children. Tourists can also enjoy a variety of local culinary delights sold at stalls around the reservoir, ranging from snacks to Central Javanese specialties. Cengklik Reservoir is also often the location of various events and festivals. These events attract many visitors from various regions, who come to enjoy entertainment and local culture. Music festivals, boat races and handicraft exhibitions are some examples of events that are often held at the reservoir. The existence of Cengklik Reservoir also has a positive impact on the local economy. Many locals have opened small businesses such as food stalls, boat rentals and lodging. This not only increases their income, but also creates jobs for the surrounding community.

The price of renting a boat to go around the Cengklik Reservoir, only by paying 50,000 rupiah / tourist boat, makes it one of the choices of affordable tourist activities for various groups. With this fee, visitors can already enjoy the beauty of the reservoir while having a pleasant experience along the water. This competitive price is the main attraction for families, couples, and groups of friends who want to enjoy a relaxed atmosphere in the midst of natural beauty. The

experience of traveling around the reservoir by boat also offers a unique opportunity to enjoy the beauty of the landscape from a different perspective. From the boat, visitors can see the vast expanse of calm water, the hills in the distance, and the sky reflecting the sunlight beautifully. This activity not only refreshes the mind but also provides opportunities to take Instagrammable photos. For travelers who love photography, this boat trip is a golden moment to capture authentic natural beauty. Many visitors take advantage of the time on the boat to capture the birds flying around the reservoir or the reflection of sunlight on the water surface. Thus, the affordable rental price offers not only entertainment but also a satisfying aesthetic experience.

Apart from the scenery, a boat trip on the Cengklik Reservoir also gives visitors the opportunity to get closer to the lives of local people. They can see the activities of fishermen fishing or rowing around the reservoir. This kind of interaction provides interesting cultural insights for tourists, especially those who come from urban areas and rarely interact with rural life. The existence of these tour boats also supports the local economy. The boat owners, who are mostly locals, earn extra income from tourists using their services. As the number of visitors increases, their income also increases, which indirectly helps improve the welfare of the community around Cengklik Reservoir. With affordable prices and proper management, the boat rental activity at Cengklik Reservoir has great potential to become a major attraction that not only attracts visitors but also has a positive impact on the community and the surrounding environment. This will make Cengklik Reservoir a friendly, affordable and sustainable tourist destination.

However, with the increasing number of tourists, safety issues are a major concern (Niu, 2023). Some tourists complain about the lack of warning signs and security guards around the reservoir. For example, detik.com reported that an angler went missing while trying something new at Cengklik Reservoir¹. The newest, three junior high school students drowning after the boat they were traveling on capsized was reported by the media between². Inadequate infrastructure conditions are also one of the factors that need to be considered by tourism managers. To improve the safety of tourists, the management of Cengklik Reservoir needs to take more proactive steps. Posting warning signs in dangerous areas, increasing the number of security officers, and improving infrastructure are some of the steps that can be taken. In addition, education to managers and tourists about the importance of maintaining personal safety also needs to be improved. By improving the safety of tourists, Cengklik Reservoir can become a more attractive and safe tourist destination. Tourists who feel safe and comfortable will be more satisfied with their experience, and are more likely to return in the future (Wang et al., 2016).

UU No. 10/2009 mandates that safety is an important aspect that must be prioritized in tourism management. According to this law, every tourist destination manager is obliged to ensure the safety of visitors through the implementation of strict safety standards and the provision of adequate facilities. This includes proper supervision, training for staff, provision of safety equipment, and establishment of effective emergency response procedures (Yan et al., 2024). In addition, the law also stipulates the obligation of managers to provide clear and accessible information on safety to visitors. education about risks and ways to avoid hazards must be delivered comprehensively and regularly (Rindrasih et al., 2024). Thus, visitors can enjoy the tourist experience with a sense of security and comfort (Barua et al., 2024; Gan et al., 2023; Zeng et al., 2023).

UU No. 10/2009 also emphasizes the importance of cooperation between the government, business actors, and the community in an effort to maintain and improve safety in tourist destinations. The government plays a role in setting regulations and conducting supervision, while business actors are obliged to comply with applicable regulations and standards (Dash & Balamurugan, 2024). The surrounding community is also expected to support these safety efforts through active participation in various programs and activities (Zhang et al., 2023). The implementation of UU No. 10/2009 is expected to provide optimal protection for tourists,

¹ <https://www.detik.com/jateng/berita/d-7081200/tragedi-pemancing-hilang-saat-nyobok-di-waduk-cengklik>. Diunggah pada tanggal 19 Desember 2024.

² <https://www.antaranews.com/berita/410127/tiga-siswa-smp-tenggelam-di-waduk-boyolali>. Diunggah pada tanggal 19 Desember 2024.

increase visitor confidence and satisfaction, and support the development of sustainable tourism. Guaranteed safety will not only provide a positive experience for tourists, but also improve the image of tourist destinations in the eyes of the public (Zou & Yu, 2022). By prioritizing safety, tourist destination managers can reduce the risk of incidents that could harm visitors and the reputation of the tourist attractions (Guo et al., 2024). This will also contribute to an increase in the number of visits and revenue from the tourism sector, as tourists will feel more comfortable and safe to visit.

The successful implementation of Law No. 10/2009 is highly dependent on the commitment and consistency of all parties in carrying out their responsibilities. Close supervision and regular evaluation are essential to ensure that the safety standards set can be continuously improved and adapted to the needs and times (Pradipta & Satiti, 2024a). Traveler safety is not only about preventing accidents, but also includes aspects of well-being and comfort during the visit (Pradipta, 2024b). Therefore, it is important for every tourist destination to always strive to improve the quality of safety services and facilities they offer (Chan et al., 2024). With proper implementation, UU No. 10/2009 can be a strong foundation in creating a safe, comfortable, and sustainable tourism environment for all visitors.

If the law can be implemented properly, then this hall will certainly have a positive impact on the development of this reservoir tourist attraction. In addition, tourism managers can also consider adding more diverse recreational facilities (Li et al., 2023). For example, the construction of water playgrounds, camping areas or bicycle paths. These facilities will not only attract more tourists, but also provide a more enjoyable and memorable experience (Pradipta, 2024c). Overall, Cengklik Reservoir has great potential to become a leading tourist destination in Central Java. By creating a safe and comfortable environment, Cengklik Reservoir will not only become a popular tourist destination but also an example of how tourism can be managed sustainably. Good security is a long-term investment that will bring benefits not only to tourists but also to the surrounding community and environment. However, to achieve this potential, the safety aspect of tourists must be the top priority in the management of this reservoir.

B. LITERATURE REVIEW

Tourist safety is a crucial aspect in the management of tourist attractions, including Cengklik Reservoir in Boyolali. As researchers, this safety theory is based on risk analysis, factors that cause accidents, as well as mitigation strategies to minimize incidents that can harm tourists. By understanding the various factors that can cause accidents, we can formulate effective measures to reduce the risk. This includes the implementation of strict safety standards, regular training for staff, provision of adequate safety facilities, and education for visitors on safe behavior in tourist areas. A comprehensive risk analysis involves identifying potential hazards and assessing their impact on traveler safety (Alfianti, 2019). Factors causing accidents may include weather conditions, lack of supervision, human negligence, and non-compliance with safety procedures. Therefore, the mitigation strategies implemented should include prevention, rapid response, and continuous improvement based on regular evaluation.

According to Auliana (2023) tourist safety is a very important element in the tourism industry. Without a guarantee of safety, the level of comfort and trust of tourists will decrease dramatically, which in turn can have a negative impact on the number of visits and revenue from the tourism sector. Law No. 10/2009 also mandates that tourist safety is not only related to physical infrastructure, but also includes managerial, cultural, and operational aspects. Traveler safety covers various aspects, including health, security, and welfare. Health aspects include the provision of medical facilities and cleanliness of the tourist environment. Security includes protection from crime, terrorism, and other hazards, while welfare includes comfort and a pleasant experience for tourists (See figure 1).

In addition, Binawa et.al (2023) also emphasizes the importance of active participation from various stakeholders in maintaining tourist safety. This includes the government, tourism businesses, local communities, and tourists themselves. The government is responsible for setting safety regulations and standards, while businesses must adhere to such standards and engage

staff in comprehensive safety training. Local communities also have an important role in creating a safe and welcoming environment for tourists (Suhartawan et al., 2024). This can be done through education and awareness programs on the importance of maintaining safety and hospitality towards tourists. Travelers, on the other hand, should take responsibility for their personal safety by following the rules and guidelines provided.

Continuous evaluation and improvement is also an important component of traveler safety. This involves regular review of safety procedures, reporting of incidents, and implementation of corrective actions based on evaluation findings. In this way, tourism managers can ensure that safety standards are always up-to-date and relevant to current conditions. It is also important to hold regular safety drills and simulations. These can involve all stakeholders, including staff, local communities and travelers, to ensure preparedness for emergency situations and improve skills in rapid response. Traveler safety is a shared responsibility that requires good cooperation and coordination from all parties. By prioritizing safety, we can create a safe, comfortable and enjoyable tourist environment for all visitors, which will ultimately enhance the reputation of the tourist destination. With this safety theory, it is hoped that Cengklik Reservoir can become a tourist destination that is not only attractive but also safe for all visitors.

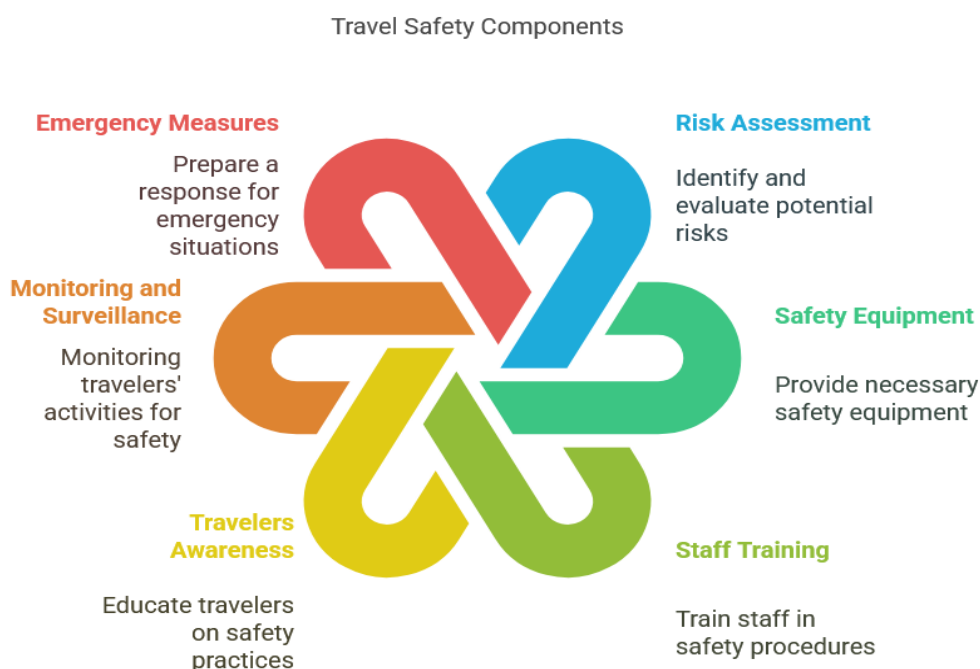


Figure 1. Traveler Safety Components

Source: Author own elaboration

Development of Tourism Attraction

The development of water attractions in Cengklik Reservoir aims to increase the number of visitors, extend the duration of visits, and increase tourist satisfaction by utilizing the potential possessed by the reservoir. One of the main strategies is the diversification of water attractions, such as adding exciting activities like canoeing, paddle boarding, and jet skiing. Thus, tourists have more choices of activities that can be enjoyed during their visit. In addition to diversifying attractions, the development of supporting facilities is also key. Building comfortable picnic areas, cafes with reservoir views, information centers, and proper rest areas will increase visitor comfort (Damanik et al., 2022). Adequate facilities will make visitors feel at home and have a more enjoyable experience.

Education and conservation should also be part of the development of water tourism attraction in Cengklik Reservoir. Educational programs about the reservoir ecosystem and environmental conservation efforts can provide added value for tourists. These activities are not only entertaining, but also educational, so that tourists can better appreciate the environment they visit. Events and festivals can also be a major attraction. Organizing annual events such as water festivals, boat races and concerts by the reservoir can attract more visitors. These events not only provide entertainment, but also reinforce the image of the reservoir as an active and dynamic tourist destination. Accessibility infrastructure should also be considered (Niu, 2023). Improving road access, providing adequate parking areas, and facilities for people with disabilities will make Cengklik Reservoir more accessible to all. Good accessibility will encourage more tourists to visit. Marketing and promotion also play an important role in increasing the number of visitors (Saputra et al., 2024). Marketing campaigns through social media, cooperation with travel agents, and special promotional packages can attract the attention of potential tourists (Kingsnorth, 2025). Effective marketing will expand the reach and attract more visitors. Innovation in services can also increase traveler satisfaction (Suhartawan et al., 2024). Providing friendly, responsive, and professional services will create a positive impression for tourists (Wang et al., 2016). In addition, the use of technology such as mobile phone applications for information and reservations can make it easier for tourists to plan their visit (Kingsnorth, 2025) (see Figure 2).

Developing a loyalty program for travelers can also help extend the duration of the visit. This can be in the form of discounts for future visits, special gifts, or exclusive access to certain events. Loyalty programs will make tourists feel valued and more likely to return. The implementation of high safety standards is also important in the development of water attractions. Ensuring the safety of tourists through supervision, safety equipment, and staff training will increase tourist confidence. Maintained safety will make tourists feel comfortable and safe during their visit. Finally, continuous evaluation and improvement should always be carried out. Collecting feedback from tourists, monitoring service quality, and implementing improvements based on evaluation results will ensure that the water tourism attraction at Cengklik Reservoir is always evolving and in line with tourists' needs. Thus, Cengklik Reservoir will become a tourist destination that continues to attract attention and provide a satisfying experience for every visitor.

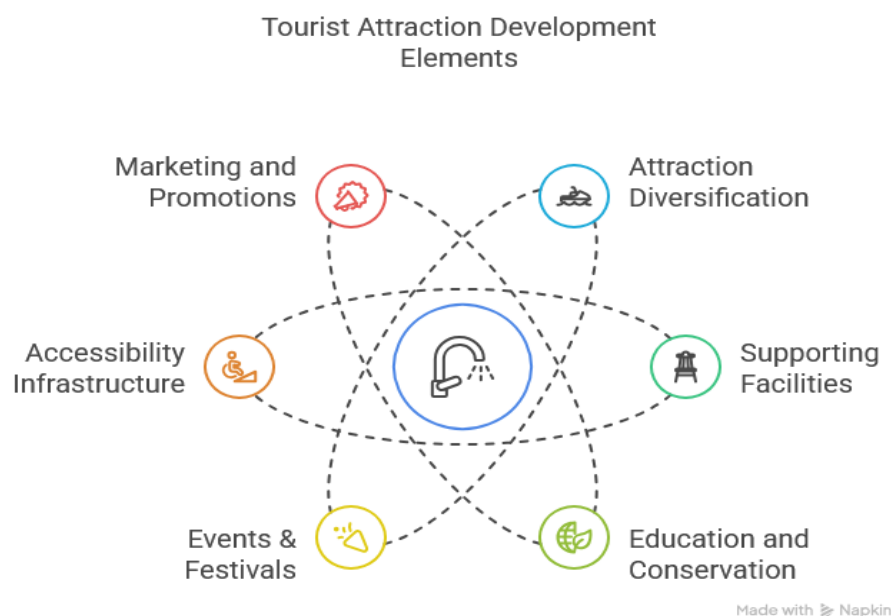


Figure 2. Tourist Attraction Development Elements

Source: Author own elaboration

C. RESEARCH METHOD

This research uses library research because the problems to be studied by researchers are social and dynamic problems. Library research is a research method carried out by collecting and analyzing information from various library sources, such as books, journals, articles, and other documents relevant to the research topic. This method is very useful for gaining a deep and thorough understanding of a topic through existing literature. Library research is an effective method to gain an in-depth understanding of a topic through analyzing existing literature. By following the above steps, researchers can collect, analyze, and present information in a systematic and reliable way. This research requires finding and analyzing various relevant literature sources. These include books, scientific journals, research reports, and other documents that discuss the safety of tourists in water attractions, especially those similar to Cengklik Reservoir.

Data Collection

In this research is to first collect data from various literature sources relevant to the research topic. This data can be in the form of books, journal articles, research reports, and other documents that discuss aspects of tourist safety in water attractions, especially Cengklik Reservoir. Researcher identifying appropriate keywords, such as 'traveler safety', 'reservoir', 'water tourism' and 'risk management'. These keywords are used to search for literature in academic databases, digital libraries and research repositories. Once relevant literature was found, the next step was to evaluate the credibility and relevance of each source. Peer-reviewed books and journals and reports from trusted institutions were prioritized. Key information from each selected literature will be recorded and organized based on relevant themes or subjects, such as risk factors, mitigation strategies, and best practices in tourist safety management. The researcher will then analyze the collected data to identify patterns, trends, and important findings related to tourist safety in water attractions. This analysis will assist in formulating measures and recommendations that can be implemented at Cengklik Reservoir to improve tourist safety.

In addition, the library research method also allows researchers to identify case studies or real-life examples from other places that have successfully implemented effective safety practices. By studying these examples, the researcher can gain valuable insights that can be applied at Cengklik Reservoir. The final step is to compile a research report that includes findings, analysis and recommendations. This report will be structured in a clear and systematic way, so that it can be used as a guide for the Cengklik Reservoir management in improving tourist safety. With this approach, the library research not only provides an in-depth understanding of the topic of tourist safety, but also provides a strong scientific basis for better decision-making and planning at the Cengklik Reservoir tourist attraction.

Data Analysis

Once the data is collected, the next step is to evaluate the credibility and relevance of each source, ensuring that the information used is reliable and in line with the research objectives. Next, the researcher will conduct a qualitative analysis by analyzing the content of the coded data. This content analysis allows the researcher to explore in-depth insights into traveler safety factors and how best practices can be implemented at Cengklik Reservoir. The findings from this qualitative analysis are then used to develop evidence-based recommendations. By analyzing these safety findings at Cengklik Reservoir, the researcher was able to gain a comprehensive understanding of tourist safety at Cengklik Reservoir. These findings were then compiled in a systematic and detailed research report, providing a strong scientific basis for better decision-making and planning. After that, the data is organized based on relevant themes or categories, such as risk factors, mitigation strategies, and best practices in tourist safety management. At this stage, the researcher will conduct thematic coding to identify the main patterns and themes that emerged from the reviewed literature. This coding helps to organize the data systematically and facilitate further analysis.

Finally, the researcher conducted a review and revision of the research report to ensure the accuracy and completeness of the information presented. This process involves reviewing the

findings, analysis, and recommendations, and making improvements based on feedback and new findings that may emerge during the review. With this holistic approach, data analysis techniques in library research can make a meaningful contribution to improving tourist safety at Cengklik Reservoir and other water attractions.

D. RESULTS AND DISCUSSIONS

The research results regarding the importance of paying attention to tourist safety at the Cengklik Reservoir tourist attraction are so that tourists can enjoy their vacation feeling safe and comfortable. Safety that is maintained at this tourist spot can also improve the reputation of Cengklik Reservoir as a safe and visitor-friendly destination (Lie et al., 2024). Safety that is maintained at this tourist spot can also improve the reputation of Cengklik Reservoir as a safe and visitor-friendly destination (Astiti & Laeliyah, 2024). Good safety management creates a positive image in the eyes of tourists, who will spread this good news through word of mouth and online reviews. This strengthens the reputation of Cengklik Reservoir as a tourist spot worth visiting. In addition, the positive image can also attract the attention of the media, who will report on the safety and comfort of Cengklik Reservoir. This media coverage can be an effective free promotion, reaching more potential tourists. Tourists will feel attracted to visit places that are considered safe and comfortable by the media. A good reputation also has an impact on visitor loyalty. Tourists who feel safe and satisfied with their experience will be more likely to return in the future. They will also recommend Cengklik Reservoir to their friends and family more often, creating a positive chain effect.

On the other hand, the local government and authorities will also support and appreciate the manager's efforts in maintaining tourist safety. This support can be in the form of financial assistance, facility improvements, or safety training programs for Cengklik Reservoir managers and staff. With this support, safety at tourist attractions is increasingly guaranteed. Furthermore, the enhanced reputation of Cengklik Reservoir as a safe destination may attract the attention of investors and private parties. They may be interested in investing in facility development or opening businesses around the reservoir. These investments not only improve the quality of services, but also add economic value to the area. In addition to the economic benefits, attention to safety also has a positive social impact. The community around the Cengklik Reservoir will feel more proud and motivated to take part in keeping their neighborhood safe and clean. This sense of community and responsibility strengthens the relationship between the community and the tourism manager. A good reputation also creates opportunities for cooperation with various parties, such as educational institutions, environmental organizations, and tourist communities. This cooperation can be in the form of educational programs on safety, environmental conservation activities, or joint promotional events. All of these can improve the image of Cengklik Reservoir in the eyes of the public.

Good safety management also attracts international travelers (Rohman & Marlina, 2024). Foreign tourists tend to choose destinations that are safe and comfortable (Lutfiana, 2024). With an increase in the number of international tourists, Cengklik Reservoir can be recognized in the global arena, which in turn increases the number of visits and foreign exchange. Not only that, maintained safety can also support sustainable development. Cengklik Reservoir can be an example for other tourist destinations in implementing high safety standards. This encourages the creation of a safety culture in the tourism sector at large, which will have a positive impact on the tourism industry in Indonesia (Nugroho et al., 2024). Keeping tourists safe is part of the moral responsibility of tourism managers. By ensuring that every visitor feels safe, Waduk Cengklik demonstrates a commitment to the well-being and happiness of its visitors. This reputation, in turn, is not only economically beneficial, but also makes Waduk Cengklik a place that is respected and loved by many (Pasaribu et al., 2024).

Tourist Activities at Cengklik Reservoir

Cengklik Reservoir, located in Colomadu, Central Java, is one of the popular tourist and recreational destinations. Cengklik Reservoir is one of the man-made reservoirs that has an

important role for the surrounding community, not only as a source of irrigation but also as a tourist destination. The strategic location of the reservoir and its natural beauty make this reservoir one of the top choices for a variety of recreational activities. Thanks to the facilities provided, visitors can enjoy various activities such as enjoying culinary tours, fishing, boat tours, and photography. The reservoir provides economic benefits by creating business and employment opportunities for the local community, while raising awareness about the importance of maintaining cleanliness and environmental sustainability. Cengklik Reservoir is also a gathering place for families and youth groups, making it a center of positive social interaction. With good management efforts, Cengklik Reservoir not only fulfills irrigation needs, but also contributes significantly to the quality of life of the surrounding community and offers a fun and educational recreational experience for visitors from all walks of life. The following are activities that can be found at the Cengklik Reservoir Tourism Object;

Fishing

Fishing is one of the main activities at Cengklik Reservoir. Visitors can enjoy fishing comfortably at various points around the reservoir. Fish that are often found in this reservoir include tilapia, catfish and gabus. With a calm environment and clear water, Cengklik Reservoir offers a pleasant fishing experience for beginners to experienced anglers. In addition, the reservoir's fishing spots provide enough space for visitors to enjoy their time without having to jostle for space. The regulations applied regarding fishing methods and the type of equipment used also help to preserve the fish population in this reservoir, so that the hobby of fishing can continue to be enjoyed in the long run. Fishing at Cengklik Reservoir not only provides entertainment but also an opportunity to relax and enjoy nature. Many visitors come to spend time with family or friends, enjoying the peaceful and fresh atmosphere around the reservoir (Figure 3). With various supporting facilities available, the fishing experience at Cengklik Reservoir is one of the main attractions for nature lovers and outdoor activities.



Figure 3. Visitors Engaging in Fishing Activities

Source: Author own Documentation

Boat Tours

Visitors can enjoy the view of the reservoir by traveling around using a rented boat. This boat tour is very popular especially during weekends and holidays. While traveling around by boat, visitors can enjoy the natural beauty around the reservoir that spoils the eyes. The green scenery of the vegetation around the reservoir, the calm water, and the vast sky create a soothing and refreshing atmosphere. Some boats are also equipped with a canopy to protect passengers from the scorching sun. This adds to the excitement of the tour experience and allows for closer

social interaction between visitors. With a pleasant atmosphere and a variety of activities to do, boat tours at Cengklik Reservoir are one of the main attractions that should not be missed.

In addition, the experience of traveling around the reservoir by boat provides a different perspective that enriches the visit. Travelers can feel the tranquility of the water, listen to the sounds of nature, and even interact with local animals that may be spotted around the reservoir. The boat trip is also the perfect moment to capture memories with family or friends, set against a backdrop of stunning natural scenery (Figure 4). With all its uniqueness and beauty, boat tours at Cengklik Reservoir offer visitors the opportunity to explore and enjoy the wonders of nature from a different perspective, creating an unforgettable experience that will always be remembered.



Figure 4. Boat Tour Activities
Source: Author own Documentation

Photography

The natural beauty of Cengklik Reservoir is a special attraction for photography lovers. The sunset view at the reservoir is one of the most sought-after moments by photographers. The changing light throughout the day, from sunrise to sunset, offers a wide variety of lighting that can give each shot an artistic touch. The diverse natural backdrop provided by the reservoir also allows photographers to experiment with different photography techniques such as silhouettes, reflections and long exposure. The golden light reflecting off the water surface, as well as the silhouettes of trees and boats that appear beautifully in the evening shadows, create visually appealing compositions. Besides the sunset, the diversity of flora and fauna around the reservoir also provides many interesting objects for photography. Photographers can capture beautiful moments from various vantage points, both from the banks of the reservoir and from the boat. This natural beauty not only satisfies photographers' desire for the perfect image, but also provides an immersive experience of the wonders of nature. With a variety of visual elements available, Cengklik Reservoir is an ideal place to explore photography creativity and produce stunning works. Photographers can explore various angles and compositions, ranging from vast natural landscapes to small, interesting details. The opportunity to capture unique moments, such as wildlife roaming around the reservoir or the interaction between visitors and nature, makes Cengklik Reservoir a paradise for photography lovers. With all its beauty, Cengklik Reservoir is not only a place to take photos, but also a source of inspiration for photographers to create amazing visual artworks. This place provides endless opportunities to pursue beauty in every camera shot.

The Importance of Tourists Safety at Cengklik Reservoir Tourist Attraction

Tourist safety is one of the key factors that must be considered in the management of tourist attractions. At Cengklik Reservoir, the role of safety is particularly important given the variety of water and recreational activities on offer. This research aims to examine the importance of paying attention to tourist safety at Cengklik Reservoir and its impact on tourist experience and satisfaction. According to Law No. 10/2009, safety at tourist attractions is a shared responsibility between tourism managers, the government, and the community. This safety includes various aspects, ranging from the provision of safety facilities, training for staff, to education for visitors about the importance of maintaining personal safety while traveling.

The government has a major role in overseeing and ensuring that safety standards at tourist attractions are met. The government can conduct regular inspections to evaluate managers' compliance with established safety regulations. In addition, the government can also provide support in the form of financial assistance or training programs to improve safety at tourist attractions. UU No. 10/2009 emphasizes that tourist safety involves not only preventive but also responsive efforts. This means that managers must be prepared to deal with emergency situations quickly and appropriately. The preparation of evacuation routes, first aid posts, and coordination with authorities such as the police and fire department are important steps that must be taken. Tourism managers should develop and implement safety standard operating procedures (SOPs) that are clear and easily understood by all staff and visitors. These SOPs should cover various aspects, from accident prevention to handling emergency situations. With good SOPs in place, safety at tourist attractions can be better ensured. Insurance protection for visitors is also an effort to maintain safety at tourist attractions. Managers can work with insurance companies to provide protection for visitors who have an accident during the tour. With insurance, visitors will feel calmer and more protected. Training for staff at tourist attractions is essential to ensure they are prepared for emergency situations. Staff should be equipped with knowledge and skills in first aid, evacuation procedures, and how to provide assistance to visitors in need. This training should be conducted regularly to ensure their readiness at all times.

Safety promotion at tourist attractions can also increase tourists' awareness of the importance of maintaining personal safety. Safety campaigns through social media, websites, and various other communication channels can help spread useful information to visitors. That way, tourists will be more vigilant and prepared to face potential hazards. Education to visitors is equally important. Visitors must be provided with information about the potential dangers that exist around tourist attractions and the steps that must be taken to maintain personal safety. This information can be conveyed through information boards, brochures, or even through digital media that is easily accessible to visitors.

Tour operators have an obligation to provide adequate safety facilities, such as warning signs, protective equipment and evacuation instructions. These facilities must be maintained and updated regularly to ensure their optimal function. In addition, managers must also ensure that the tourist environment is free from potential hazards that could endanger visitors. The involvement of the community around the tourist attraction is also very important. The community can act as a partner of the manager in maintaining the safety and cleanliness of the tourist environment. With good cooperation between managers, government, and the community, safety at tourist attractions can be better maintained.

The importance of paying attention to tourist safety at tourist attractions not only provides benefits for visitors, but also for managers and governments. A safe tourist attraction will attract more tourists, increase regional reputation and revenue, and have a positive impact on the local economy. Therefore, tourist safety should be a top priority in the management of tourist attractions.

Figure 5 shows that all passengers on the boat were not wearing life jackets. This is a violation of safety standards that could be very dangerous in the event of an accident or emergency on the water. Associated with the small boat with the red canopy and several other boats nearby that also have canopies. The use of a canopy may provide protection from the weather, but it does not diminish the importance of wearing a life jacket. The boat driver, who is responsible for safety, should have ensured that all passengers were wearing life jackets.



Figure 5. Visitors Riding the Mini Boat
Source: Author own Documentation

The use of life jackets is essential for all passengers as wearing a life jacket while on a boat is a mandatory rule enforced by all boat operators. This will reduce the risk of drowning or serious accidents in the event of an incident on the water. Buoys also facilitate rescue efforts by the SAR team or relevant officers in an emergency (Figure 6). In addition, the use of life jackets gives passengers a sense of security and comfort, allowing them to enjoy the ride more calmly and worry-free. By conducting counseling and training on the importance of water safety for visitors. This includes how to properly wear a life vest and emergency measures in the event of an accident and visitors will be better prepared to deal with unexpected situations on the water. This education and training not only equips them with essential knowledge, but also raises awareness of personal safety. Thus, safety on the water can be assured and the tourist experience will be more enjoyable and worry-free. In addition, through this education, tour operators can create a safer environment and demonstrate their commitment to visitor welfare. The knowledge gained from this education can also be applied in daily life, making visitors more vigilant and responsible when around water.



Figure 6. Visitors Riding Mini Boats Without Using Buoys
Source: Author own Documentation

Conducting regular inspections of all boats and safety equipment to ensure that they are in good condition and ready for use will improve the safety and comfort of visitors. Regular

inspections can identify and address potential problems before they become serious hazards, reducing the risk of accidents. In addition, by ensuring that safety equipment is always in optimal condition, tour operators can demonstrate their commitment to high safety standards and provide additional confidence to visitors. This also plays an important role in building a good reputation for the tourism service provider, as visitors will feel safer and more protected during their tour. The implementation of strict and regular inspection procedures can be one of the proactive steps in creating a safe and enjoyable tourism environment for all parties involved. Keeping visitors safe should be a top priority to avoid unwanted incidents and ensure a safe and enjoyable travel experience.

Traveler Safety and Security Risk Factors

Safety assurance is achieved when risk factors are clearly identified, enabling effective anticipatory measures to be taken to minimize the impact of these risks. Comprehensive risk identification is the foundation of good safety management. This step involves an in-depth analysis of the tourist environment, available facilities, and potential hazards that may arise from tourist activities. Once the risks are identified, a mitigation plan should be developed. This plan includes preventive and responsive measures to deal with various possible emergency situations. Preventive measures such as installing warning signs and creating evacuation routes will go a long way in reducing the risk of accidents. Emergency training and simulations for attraction staff are also an important part of risk anticipation. Well-trained staff can respond quickly and appropriately in the event of an emergency, so that potential negative impacts can be minimized. These simulations also help improve the mental and physical readiness of staff in dealing with real situations.

In addition, educating visitors about the importance of personal safety is crucial. Visitors should be given sufficient information regarding hazardous areas, safety rules, and how to use personal protective equipment. By doing so, visitors can actively participate in maintaining their own safety. Upgrading the quality of safety facilities is also important to ensure that all tools and infrastructure are in good condition and ready for use at any time. Periodic inspection and regular maintenance of safety facilities will ensure their reliability in emergency situations. The use of advanced technology such as surveillance cameras and early detection systems can be a very useful addition. These technologies can help identify potential hazards faster and allow preventive measures to be taken before the situation worsens. Cooperation with authorities such as the police, medical team, and fire department also needs to be established and maintained. Good coordination with these parties will ensure a quick and efficient response in the event of an emergency. Safety promotion through various media is also effective in raising visitors' awareness of the importance of maintaining safety while traveling. Consistent safety campaigns can encourage visitors to be more vigilant and follow established safety rules.

Furthermore, Kresnajaya (2024) explained that the level of risk factors for tourist safety at the Cengklik Reservoir tourist attraction in Boyolali found that there were still shortcomings that still needed to be addressed in maintaining tourist safety. These deficiencies include the lack of implementation of an organized security system, lack of lighting in certain areas, lack of presence of security officers on standby, and the absence of an early warning system against potential hazards such as flooding or extreme weather changes. In addition, the safety aspects of facilities such as access paths, docks and play areas are also considered to require improvement in order to meet tourist safety standards. Therefore, collaboration between managers, local government and the local community is needed to address these issues and improve the sense of security for visitors.

Periodic evaluation and revision of existing safety procedures is essential. The tourism environment can change and technology is constantly evolving, so safety procedures must always be updated to remain relevant and effective. The commitment of all parties managers, government, and the community - in maintaining safety at tourist attractions is key. With good cooperation and coordination, tourist safety can be maintained, providing a safe and enjoyable experience for all visitors.

D. CONCLUSION

The study found that the level of safety at the Cengklik Reservoir attraction still requires serious attention to create a comfortable and safe tourism experience for visitors. These findings cover a number of factors, including inadequate infrastructure, such as slippery and uneven access paths, and a lack of safety support facilities, such as warning signs and safety equipment in the water tourism area. The research also revealed that tourists felt that they lacked adequate information about potential risks in the Cengklik Reservoir area. This is due to the lack of information boards and safety instructions that should be available at several strategic points, especially in areas that have higher potential hazards. In addition, the lack of supervision from security officers is one of the main obstacles. Many tourists expressed concerns regarding the lack of presence of officers at tourist sites, both to help in emergency situations and to provide guidance and supervision of tourist activities.

The research also noted that lighting around the attraction is very limited, especially at night. This condition increases the risk of accidents for visitors who move in the area around the reservoir, especially on the path leading to the main location. This indicates the need for improved lighting facilities in tourist areas. On the other hand, safety facilities such as fire extinguishers, buoys, and evacuation signs are still very minimal or even not available at some crucial points. The absence of these facilities raises concerns about the ability of managers to handle emergency situations that may occur. The research also found that coordination between tourism managers and related parties, such as local governments and local communities, is not optimal. This has led to slow responses to emerging security issues, as well as a lack of initiative to make sustainable improvements. However, this study also noted the positive potential of local community involvement in maintaining security in the Cengklik Reservoir area. Some local residents actively help provide information to tourists, but their role needs to be improved through training and more organized coordination. Further research results show that tourists who come to Cengklik Reservoir come from various backgrounds, so their needs for security are very diverse. Some groups of tourists, such as families with children, require special attention regarding child-friendly and safe facilities.

Another significant finding is the lack of efforts to educate tourists about the importance of maintaining their own safety while visiting. Many tourists do not understand the potential risks and tend to ignore the established safety rules. Based on the results of this study, it is recommended that the management of Cengklik Reservoir immediately make improvements, including improving safety facilities, installing clear information boards, and increasing the number of security officers at tourist sites. Thus, the safety of tourists can be better guaranteed, and a positive tourism experience can be created, which ultimately supports the development of sustainable tourism in the area.

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