

# Bakaro Recreation Park In Manokwari Regency – Heritage Archietcture

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## ARTICLE INFO

## ABSTRACT

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*Manokwari Regency's Bakaro Recreation Park is a project with the goal of developing a lively and sustainable recreational area for the locals and tourists. This multipurpose park will combine recreational elements including playgrounds, green areas, walking trails, picnic sites, and lodging areas with the natural beauty of the surrounding landscape. Additionally, the design will include aspects that pay tribute to the region's indigenous traditions, which means it heritage in site. Environmental sustainability is one of the project's main objectives, with an emphasis on eco-friendly landscaping employing local flora and landscape elements. In summary, Bakaro Recreation Park aims to create a treasured place for leisure while representing environmental preservation and community pride by integrating nature, recreation, culture, and sustainability in a harmonic manner.*

## KEYWORDS

Recreation Park, Manokwari, heritage



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## INTRODUCTION

Everyone needs recreation since it provides a chance to unwind and a break from daily chores. Fun activities and vacations are unique because they allow us to get away from work and the city, reconnect with nature, discover new locations, and create enduring memories. Because of its stunning coastline regions, Manokwari Regency depends heavily on tourism. But improved planning and administration are required if we are to fully realize this promise. Many of the local tourist attractions now lack services and facilities that would enhance visitors' enjoyment. We should concentrate on enhancing infrastructure, exhibiting regional culture and natural beauty, engaging the community, safeguarding the environment, and publicizing our attractions if we want to turn Manokwari Regency into a top tourism destination. In this way, we can improve the quality of life in our town and provide tourists with an amazing experience, all while contributing to the local economy. Manokwari Regency recreation areas can be extremely important for maintaining and promoting the culture of the area. These locations become more than just places to hang out when cultural events and components are incorporated; they become living galleries of the area's history, encouraging a closer bond between the locals, their culture, and the environment.

## **METHOD**

When designing the "Bakaro Recreation Park in Manokwari Regency," the author uses a strategy that blends the extra theme of heritage architecture with a typological approach to the historical, form, functional components, and style of the recreational park. This method guarantees that a building's design always takes into account the natural and cultural legacy of the surrounding area; in this example, the cultures represented by the two indigenous tribes that call Manokwari Regency home. The design approach mentioned over uses two (2) methods:

1. Research Data Gaining Techniques
  - a. Interview: Holding direct Q&A sessions with institutions or people who are knowledgeable about and connected to the design object.
  - b. Literature Review: In-depth analysis of the design theme and title is done here.
  - c. Observation: Gaining firsthand knowledge of the site's conditions by conducting direct observations at locations associated with the design object.
  - d. Comparative Study: Using online resources and literature reviews, contextual studies of comparable items or facilities are carried out.
2. Methods to Data Processing (Design Methods)
  - a. Design Experiment: Using a transformation process to visualize forms in two or three dimensions, design concepts are tested through trial and error.
  - b. Image Study: Analyzing object forms visually in order to develop design concepts that complement the design's title and theme.

## **RESULT AND DISCUSSION**

A. The following outcomes in terms of data gathering were attained:

### 1. Recreation Park

Recreational parks are lovely settings for mental and physical renewal. Coltier (in Salvador, 2007;28) defines a recreational park as a "closed universe" where the goal is to combine the surreal atmosphere it creates with the desire of visitors to pay for the experience. Recreation Park typology explained as follows :

#### a. Historic Typology

The world's oldest recreational park, Dyrehavsbakken or Bakken in Copenhagen, Denmark, was first opened in 1583 as a royal hunting ground and currently has 101 rides and a variety of restaurants. The first recreational parks in America date back to the sixteenth century in Europe, where sports and leisure activities were progressively incorporated into public parks. The 19th-century shift from fairgrounds to parks was a pivotal moment that influenced the development of public recreation areas in the 20th century. After Disneyland opened in 1955, theme parks all over the world began to expand, starting with the Efteling Recreational Park in the Netherlands and continuing through the evolution of parks in Asia, including Happy Valley Park in Singapore and the New World Amusement Park. Indonesia's first recreational park, Taman Impian Jaya Ancol, was built in 1966 after construction started in 1960 and was modeled after Disneyland.

#### b. Functional Typology

Recreational parks serve the following categories of purposes:

- Strengthening the local economy by expanding commercial and tourism prospects.
- Offering tourists cultural experiences and educational insights through a range of exhibits and attractions.

- Providing distinctive leisure spaces where visitors can immerse themselves in fresh and interesting experiences, like exhilarating rides and enthralling performances.
- Offering guests a tranquil getaway from their everyday schedules, giving them the chance to decompress and take in unusual tales and sights that they wouldn't normally come across.
- Presenting educational stories that highlight the background and significance of the park's attractions while highlighting the value of animal welfare and environmental preservation.
- Promoting personal growth via a range of leisure pursuits, inspiring guests to take risks and pick up new abilities and knowledge.
- Promoting visitor bonding and social interactions so that families and friends can make lasting impressions. It also helps people make new friends with complete strangers and has the potential to create unique experiences through interactions with park staff.

c. Form Typology

Two common typologies found in recreational parks are the "hub and spoke" and "loop" forms :

- **Hub and Spoke:** A focal point that links to numerous pathways, or spokes, that lead to different park amenities and attractions is what defines the hub and spoke design. The hub facilitates easy access to various locations and acts as a focal point, allowing guests to navigate around the site with ease. This arrangement maximizes the use of available space, guaranteeing effective exploration without the possibility of getting lost.
- **Loop**  
A recreational park's loop design is characterized by a continuous, circular pathway encircling the park's main features. This design makes navigation simple and guarantees that visitors can explore all of the park's important features without having to backtrack or encounter dead ends. This smooth design offers a well-organized and unified journey, improving the overall experience for visitors.

d. Style typology

Recreational park styles use a variety of facade design and theme techniques, presenting contrasting, thematic elements or incorporating elements that harmonize with the surrounding environment to create unique and captivating experiences for guests. Recreational park styles are varied and include cultural heritage-focused traditional styles, opulent presidential styles reflecting grandeur and historic significance, innovative yet artistic postmodern styles, immersive entertainment-focused theme park styles, and new traditional styles fusing traditional aesthetics with contemporary elements to create a harmonious and modern atmosphere. As an example a rich architectural experience can be had at Jatim Park 1 in Batu, Indonesia, which combines postmodern and traditional designs with traditional Javanese structures and symbolic representations of presidents. All ages are entertained by the park's captivating theme attractions, and the addition of the new traditional style results in a striking tribute to Javanese culture that guarantees an engrossing exploration of Indonesia's rich architectural legacy.

2. Site Evaluation

The following elements are part of the design's site selection criteria:

- a. A well-known tourist destination should be the site of choice to guarantee high foot traffic and visibility.

- b. It's imperative to be accessible to cars and pedestrians alike.
- c. The design of the site ought to be in keeping with its intended use, emphasizing its potential as a tourist destination.
- d. In order to accommodate a variety of recreational amenities, a sizable land area is preferred.
- e. Being close to residential areas is advantageous since it draws potential tourists and guarantees easy access for locals.

Bakaro Village, Manokwari Regency, West Papua province is the location of the design object based on the location selection criteria.

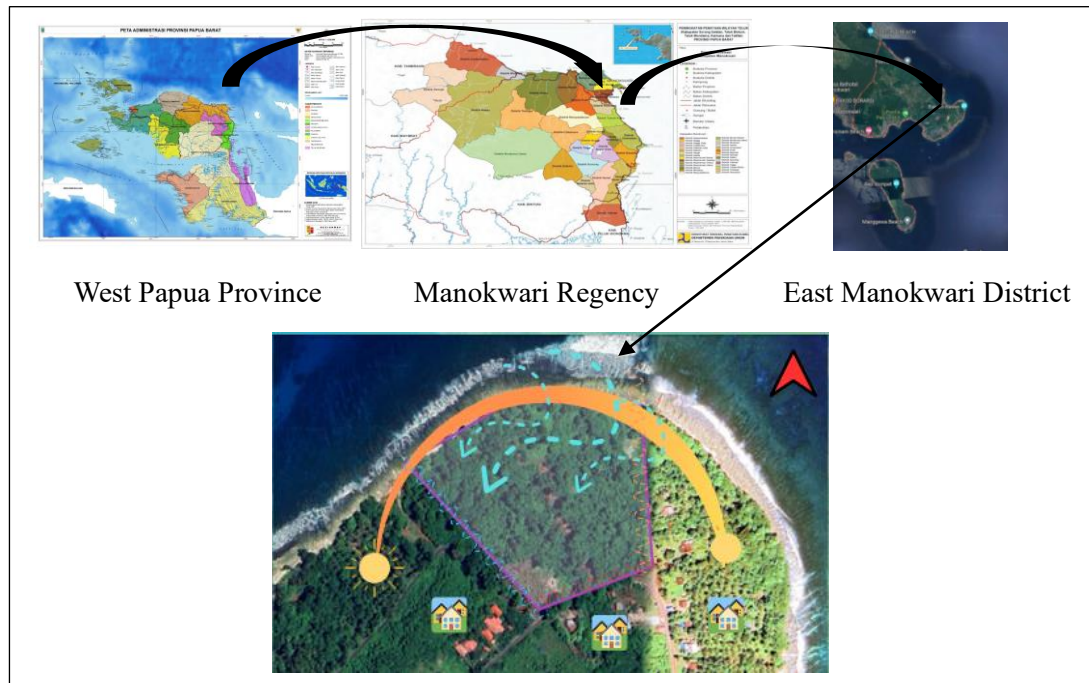


Figure 1. Site map

### 3. Heritage Architecture

Heritage is defined by the KBBI as something that is inherited, etymologically speaking. Local culture is what is inherited in this instance. Heritage architecture, broadly speaking, refers to any buildings or structures that are integral to a place's history and culture and have significant historical or cultural value. These types of buildings require conservation in order to be preserved. Understanding what natural and cultural heritage the design object can offer is necessary when designing with a heritage architectural design theme. In terms of the cultures on display, the customs that are worthy of being showcased, and the narratives you hope to portray through the design piece. The following is an explanation of the principles:

- Local knowledge or elements are used
- Local historic buildings are being duplicated
- Local resources are utilized
- Continue to be sustainable in order to preserve current legacies over time.
- Local history education has a component.

This will be heritage to showcase :

#### a. Fish summoning ritual

The locals have a custom of calling fish by using whistles and offering food in the form of anthills to persuade the fish to surface from the water and approach. Many

tribes still perform this ritual, but they think there's a magical element that makes it effective at calling fish.



Figure 3. Fish Summoning Ritual

b. Kaki Seribu House

The Arfak Tribe (Hatam, Meyakh, Sougb, and Moile) constructed a particular style of traditional home known as the "traditional kaki seribu house." This structure was dubbed a "kaki seribu" because so much wood was used in its construction.

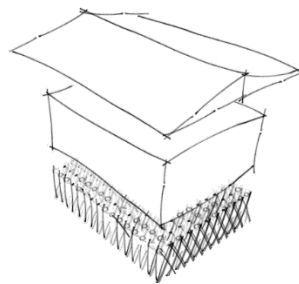


Figure 4. Kaki Seribu House Sketch

c. Rumsram House

The Doreri tribe, who are Biak-Numfor people who settled in the Doreri Bay area of Manokwari, constructed this house. Rumsram is used by one family, whereas Rumsom House is occupied by young boys between the ages of 11 and 22 who are still unmarried. The Rumsom House's purpose is to teach the young men who reside there about farming, fishing, warfare, dancing, carpentry, and boat building.

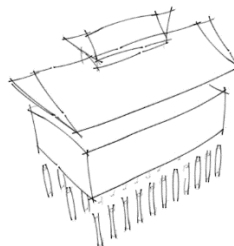


Figure 5. Rumsram House

d. Tumbu Tanah Traditional Dance

The Arfak tribe, who inhabit Manokwari, is known for their traditional dance, the Tumbu Tanah. Due to the dance's resemblance to a snake coiling around a tree, it is also known as the snake dance. This dance is typically performed to celebrate significant occasions like marriage ceremonies, the arrival of guests from outside the Arfak community, and war victories.

B. The following outcomes in terms of data processed were attained:

1. Concept

Natural and cultural heritage will influence the design of the object in order to create a space that can display the diversity of this heritage. The Heritage Architecture approach emphasizes the significance of preserving and displaying cultural and natural

heritage in a space. As a result, the Bakaro Recreation Park's design will reflect the influence of cultural and natural heritage in every aspect. This is a brief description of how the theme's principles are applied or implemented :

		Design Aspect			
		Space Aspect	Mass Aspect	Function Aspect	Structure and Utility Aspect
	Local Elements	The interior spaces make use of regional elements.	The object's mass also demonstrates a combination of local elements.	Because of the use of local elements, the design object serves as a recreation that educates visitors about culture and local elements.	Local element principles dominate the use of materials.
	Replica	Creating spaces that make use of architectural heritage	The use of forms based on traditional structures or local culture is a legacy.	Adding recreational functions to historic structures architectural	Using the same building materials as those used in architectural heritage
	Local Material	-	-	-	Utilizing locally available resources, such as wood for the building's main structure and leaves for the roof covering
	Sustainability	Creating spaces that will remain relevant in the long run	Developing mass forms that can adapt in the future	-	Use of other sturdy and long-lasting building materials to preserve existing heritage
	Education	Existing educational spaces can facilitate interaction between heritage and visitors.	The design object's mass demonstrates inspired elements of heritage authenticity.	Design objects can provide not only entertainment but also education, information, and heritage knowledge. existing patrimony	-

a. Zoning and Mass Placement in Site

In land zoning planning, the function and nature of each space is considered to be placed in accordance with a study of the site and the surrounding environment.

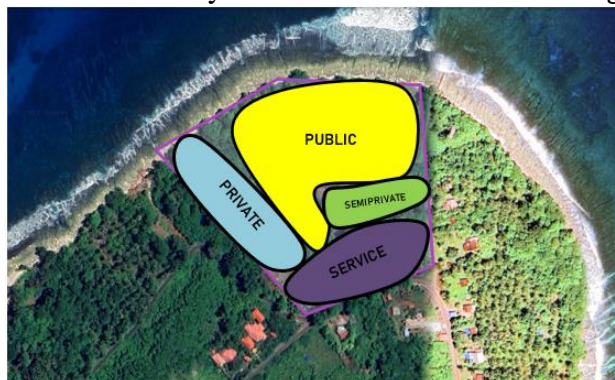


Figure 6. Zoning Plan

The sun's direction, the wind's direction, noise levels, and the site's exterior view all play a role in where the building mass is positioned. This building's building masses are all oriented with the best view toward the beach. In addition to having



a view of the beach, the site's orientation towards the beach is thought to be unaffected by afternoon light because of the sun setting to the west of it.

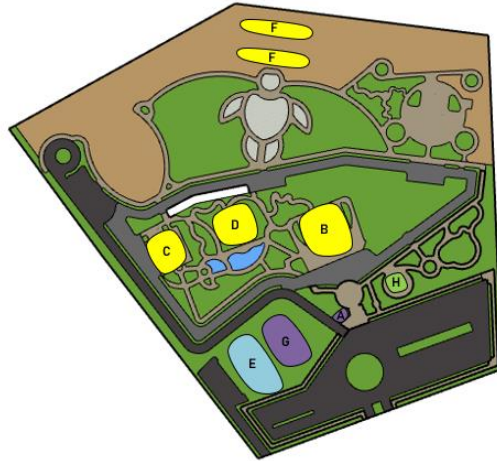


Figure 7. Mass Placement in Site

b. Accessibility on Site

The site's pedestrian circulation system receives greater attention and a larger portion. Turtles and birds of paradise serve as inspiration for the circulation form, which embodies the theme. Every tribe in Manokwari has a great deal of respect for these two creatures.

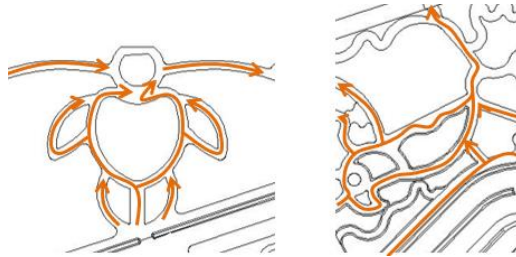


Figure 8. Pedestrian Circulation

To make it easier for guests to transport vehicles, vehicle circulation is made directly or not twisted, and it is adjusted for pedestrian traffic and vehicle size. A green lane with vegetation planted in it separates traffic flow for vehicles and pedestrians.

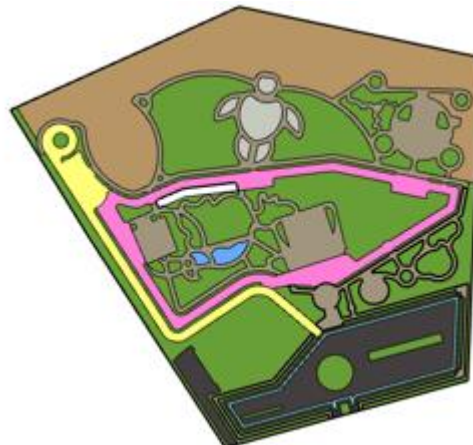


Figure 9. Vehicle Circulation

c. Mass Configuration

The transformation of this object's geometric configuration is inspired by traditional houses, emphasizing its commitment to preserving and respecting cultural heritage. The implementation of the theme in the mass of the building can be seen by using the characteristics of traditional West Papuan houses.

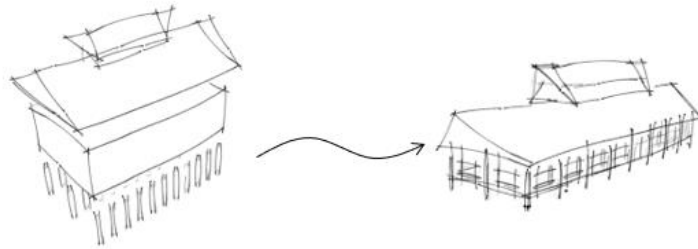


Figure 10. Mass Configuration of Fish Summoning Mass

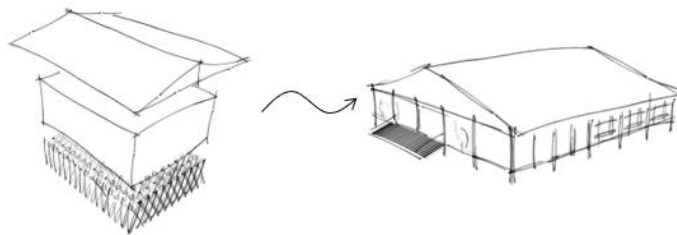


Figure 11. Mass Configuration of Information Center

The conc  
2. Final Design



Figure 12. Site Plan

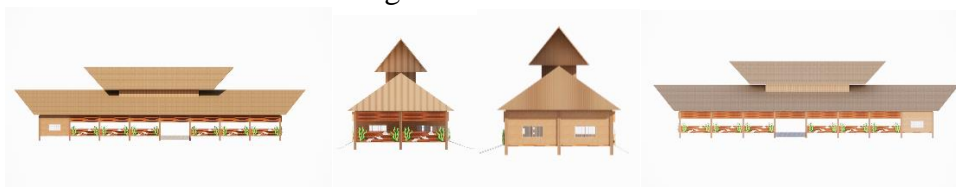


Figure 12. Fish Summoning Attraction Elevation



Figure 13. Information Center Elevation





Figure 14. Fish Summoning Attraction and Information Center Interior



Figure 15. Exterior (Rabbit Park and Camping Ground)



Figure 16. Human Eye View Perspective of the Building



Figure 17. Bird view Perspective of the Site

## CONCLUSION

In summary, Bakaro Recreation Park in Manokwari Regency stands as a harmonious fusion of pristine natural surroundings, profound cultural legacy, and environmentally conscious planning. This extensive endeavor is dedicated to crafting a lively and all-encompassing environment accessible to both the local populace and tourists. The park's versatile attributes, which encompass communal areas, customary architectural elements, artistic representations of culture, and informative signposts, collectively serve as a living embodiment of the enduring customs upheld by the Arfak and Dorei tribes.

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