



The 4th National and International Conference on Islamic Education and Education

Faculty of education, Yala Rajabhat University

"Islamic education and education in the Next Normal, opportunities and challenges for human development

May 30, 2022

EDUCATIONAL MANAGEMENT FROM LOCAL LESSONS: A CASE STUDY OF SUSTAINABLE ECOSYSTEM DEVELOPMENT GUIDELINES FOR SUSTAINABLE ECOLOGICAL DEVELOPMENT IN THE AREA OF ANCIENT CITY, YARANG DISTRICT, PATTANI PROVINCE SOUTHERN THAILAND

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Abstract

The educational management was local lessons: a case study of sustainable ecosystem development guidelines Ancient City, Yarang District, Pattani Province Southern Thailand. It was a guideline presenting how to proceed from teaching and learning by using case-based teaching methods to find solutions to local communities with members of the community using EFR (Ethnographic Future Research), by studying the condition of the past in the area from media and related information. Later, it was the study of current conditions by observing the area. In the 3rd round, 24 experts were interviewed using the questionnaires for the best development, bad development and most possible future in terms of physical resources, biological resources, value of human use and quality of life. The results showed that the physical resources, in the future, consisting of wanting to have trash bins scattered in many places. We want to take care of the surrounding area so that it doesn't look too deserted. We want to manage the route systematically. We wish there were fewer accidents, we want someone to help take care of the central area. In terms of biological resources, consisting of wanting to have a good control officer we want to have a dedicated staff, want to add enough staff for tourists and provide thorough service. We would like to have more trees planted and have people take care of them regularly. Want to have rules and supervisors. The value of use, consists of wanting to have two entrances and exits to make it more convenient, would like to have many pavilions to accommodate tourists, we would like to have chairs to accommodate more tourists. The conserve air resources and the environment. The quality of life, consists of wanting people to take care and improve more in order to attract tourists. should fix the problem want to preserve the ancient sites. We want people in the area to help preserve it to last forever.

Keywords : Guidelines, Sustainable, Ecosystem, Development , Educational Management



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Introduction

The importance of the ancient city of Yarang, the city of Mahayana Buddhism as a city that flourished during the years 700-1500. The north connects to Songkhla and Phatthalung. The south extends to the end of the Malay peninsula west and east to the coast of the sea on both sides. There were ancient ruins and artifacts from the Srivijaya period and Tarawadee, the ancient city of Yarang, was a community that was very important in history and archeology, may be related to the kingdom "Langkasuka" which was one of the oldest kingdoms on the Malay peninsula. There was evidence in Chinese, Arab, Javanese and Malay documents around the 13th buddhist century, evidence found from excavations found many types of antiquities, including:

1. Stupa model of raw soil consists of bas-relief sculptures. The image of Thao Kuvera, Buddha seated, flanked by replica stupa on both sides
- 2.1) The raw clay amulet single stupa Sanji (Opny) art. Below was the inscription of Yetham inscription.
- 2.2) The three Buddha images are lined with raw clay, replicas of stupa with high bases.
- 2.3) The raw clay amulets the image of the Buddha standing in Tikang and the natural way of Muttra.
- 2.4) The earthenware fragments Blue-green glazed Persian wares
- 2.5) The scraps of earthenware Celacon ware, olive green.

These antiques compare the contemporary art forms of Dvaravati art in the central region of Thailand, which determines the age in the 9th-11th Buddhist century, Yarang Ancient city was one of the largest early historical communities in southern Thailand. It was believed to be the site of an ancient kingdom called "Langkasuka" as evidenced in Chinese, Javanese, Malay and Arab documents of the ancient city of Yarang. It was assumed that there is a large oval-shaped town plan in the area of approximately 9 square kilometers. It was a city with overlapping buildings up to 3 cities. The expanded connected, presumably that there should be a center in the present Pattani province, may have influence extending to the state of Triburi of the Federation of Malaysia as well. It must also be an important port located near the sea and a stable land with political and economic roles, always associated with nearby territories and has been dealing with foreigners extensively since the 12th Buddhist century or the ancient Yarang community opened. It was a tourist attraction for people to visit the ancient city of Yarang, which was 1,000 years old. The location Moo 3, Yarang sub-district, Yarang district, Pattani province. The geography the ancient city of Yarang had a large oval-shaped city plan with an area of approximately 9 square kilometers. It was a city that was built overlapping up to 3 cities that were connected to each other. It was consisting of ancient cities, houses and temples, the center was a square in the city. It was surrounded by a moat and was dotted with more than 25 ancient mounds archaeological research had been conducted for a long time since the middle of the 20th Buddhist century. In the early stages of archeology work in the 5 southern border provinces. The often focuses on studying the ancient communities or ancient cities that appear in various ancient documents, such as Sathing Phra Ancient city, Songkhla province, or Ancient Yarang city. Pattani province, the study of the ancient city of Yarang by archaeologists such as Associate Professor Chusiri Chamornman, a lecturer at Silpakorn University, together with archaeologists conducted



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an archaeological excavation, especially in the years 1988-1994. The Archeology Division, the Fine Arts Department had carried out a project to excavate and restore the ancient city of Yarang, Pattani province. There were archaeological works that have continued to the present day, Ancient Pattani city in Ayutthaya period located in Pattani province, information appears in various ancient documents. That it was one of the important trading ports in the Ayutthaya period with foreign traders, both western and eastern countries such as Portugal, Holland, England, China, Japan, came to open a trading station from ancient documents showing that the ancient city of Pattani in the Ayutthaya period was a very important and great city. At the present, there were still traces of archaeological evidence that can confirm that it was an important port city to some extent, such as the archaeological site of Krue Se Mosque. Raya Pattani Cemetery Ban Dee ancient kiln source and antiques found scattered generally in urban areas such as fragments of pottery various ancient currency, etc. However, most of the remains of archaeological evidence have not been systematically explored and studied. There were only some archaeological evidences that had been studied and explored systematically, such as a geophysical survey at the site of the Nang Phaya Tani cannon casting by the office of archeology and the 10th National Museum of Songkhla, together with the Faculty of Science Prince of Songkla University Survey in 2002-2003, which was just a study in some parts of the ancient city of Pattani. And but the overall archaeological study of the ancient city of Pattani, such as studying the boundaries of the city / palace habitat industrial and trading systems, etc. There had not been any archaeological investigation. At the present, most of the existing knowledge about the ancient city of Pattani in the Ayutthaya period was knowledge derived from various historical documents. The contains a book of Kriya a Malay Pattani Syarah Pattani was written by Ibrahim Shukri in 1958 or 1958.

Objective of this research

1. To cultivate of the condition of natural resources and environment in the past in the Ancient City, Yarang District, Pattani Province Southern Thailand.
2. To study the current conditions of natural resources and environment in the Ancient City, Yarang District, Pattani Province Southern Thailand.
- 3 To examiner of forecasting of future natural and environmental resources the Ancient City, Yarang District, Pattani Province Southern Thailand.

Methodology of this research

1. There was studying the historical context of environmental resources in Ancient city, Yarang district, Pattani province southern Thailand by studying basic information from relevant documents about in the context of research and in the context of villagers' lifestyles as well as online information to find information on the part of the Ancient city, Yarang district, Pattani province.

2. This study was the current context of environmental resources in Ancient city, Yarang district, Pattani province southern Thailand by surveying the area in real condition for 3 times to collect physical resources, biological values, utilization and quality of life by using a case study process in the course of environmental impact assessment, as well as additional information from the public and government sectors guidelines for further development.

3. There was studying the future development of environmental resources Ancient city, Yarang district, Pattani province southern Thailand conducted studies using future visualization techniques EFR (The Ethnographic future research). That should be in the Ancient city, Yarang district, Pattani province southern Thailand area using a number of 24 experts using open-ended questionnaires, study the worst conditions, good conditions and the most likely conditions and then summarize for further development, by conducting interviews with semi-experts in the future in order to draw conclusions into the management for sustainability. Figure 1 : The Ethnographic Future Research Form

Figure 1 : The Ethnographic Future Research Form

Interview issues	Future image		The most likely future Most-Probable (M-P)
	Good way Optimistic – Realistic (O-R)	Bad way Pessimistic-Realistic (P-R)	
1.Physical environmental resources			
2. Biological environmental resources			
3. Value of utilization of environmental resources			
4. Quality of life for humans and the environment			



It was a form of data collection in the interview to find suitable development points in the area by using the main topic. 1) Physical environmental resources 2) Biological environmental resources 3) Value of utilization of environmental resources 4) Quality of life for humans and the environment. Then get a good comment and summarize it in the last box the most likely future Most-Probable (M-P).

Research result and Discussion

There was the past situation of Ancient city, Yarang district, Pattani province, which consists of the following details.

1. The physical resources, consists of the condition of the area at the ancient city. At the present, interviews have found that there were many garbage problems, both general and hazardous waste such as soft drinks bottles, glass fragments, foam. These waste problems are problems that decompose for a long time. These wastes have a huge impact on the area. Make the area unsightly, look dirty, not clean.

2. The biological resources, consists of an ancient city that was clearly seen as mosquitoes. There were a lot of mosquitoes because there were small pools of water that cause a lot of mosquitoes. It may affect people in the area to have dengue fever. Because mosquitoes may be a vehicle that can carry disease.

3. The value of use, consequently, the problem of the parking place was not wide enough to accommodate tourists, making the way inconvenient to visit the event and affect the traffic. The congestion to the community making the community crowded because there was not enough budget to expand the parking space.

4. The quality of life, consisted of the problems of the local people, mostly from officials giving importance to the ancient city. The people in the area did not pay much attention to the ancient city. This made the ancient city unattractive because of its deteriorating condition and rarely improved.



Figure 2: Past Conditions of Natural and Environmental Resources Ancient City, Yarang District, Pattani Province Southern Thailand

Source: (Ancient City, Yarang District, Pattani Province Southern Thailand,2020)



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There were current conditions of Ancient city, Yarang district, Pattani province southern Thailand, which consists of the following details.

1. The physical resources contains garbage that makes the space unsightly. The area may look a bit deserted, which makes it scary. The trees will affect tourists when it rains will cause branches to fall on it or fall in the wrong way. The trails were remote and, in the community, making it a daunting journey. The sand was a risk of accidents. The garbage makes the area look dirty and unsightly. There was not enough air to accommodate tourists. The rocks when it rains can make it slippery. The garbage makes the space unsightly to look dirty. The air in strong winds can cause dust to enter your eyes. The sand was a risk of accidents. The signs should be posted on the side of the road for convenience for tourists. When the wind blows, there may be a lot of dust. The air when dust is mixed with the air is a danger to tourists. The ancient city should take care and inspect for wear and tear.

2. The biological resources, contains too many birds of birds may be a carrier of disease. The animals annoy tourists when the flowers wither, they don't look beautiful. The mosquitoes may infect nearby people with dengue fever. The trees can cause tree branches to fall on the head of a traveler. The earthworm when it rains, it may creep up, causing some tourists to fear and dislike. The tree looks too overgrown, the trees without trees will heat. The Trees be careful of the danger of branches that can break over it.

3. The value of use, consisting of bridges may be made in two ways between the exit-entrance. The pavilion should check every month. The chairs are too few and deteriorating. The congested communities and adjacent houses. The roads when there are many tourists can cause traffic jams. way when there were a lot of people coming to see the event can cause congestion. The chairs should be replaced because they are too old. The pavilions looked deserted and damaged. The swing can cause an accident. There weren't enough tables to accommodate tourists. The pavilions were in dilapidated condition, making tourists dare not to sit. The conservation sites, without treatment, cannot be learned by future generations.

4. The quality of life, consisted of people in the area who came to visit the ancient city The local people did not pay much attention to the ancient city. People in the area rarely visit. Congested communities and adjacent houses. The roads were not very convenient for tourists to travel. The people were not comfortable traveling. The during the festival, there will be a lot of tourists, causing traffic jams and dumping garbage. The increase the safety of people visiting the ancient city and there should be enough staff, increase the income for the staff that cares.



Figure 3: Current Conditions of in Ancient City, Yarang District, Pattani Province Southern Thailand

Source: (Ancient City, Yarang District, Pattani Province Southern Thailand,2022)

There were guidelines for the development of natural resources and the environment in Ancient city, Yarang district, Pattani province southern Thailand in the future, which consists of the following details.

1. The physical resources, in the future, consisting of wanting to have trash bins scattered in many places. We want to take care of the surrounding area so that it doesn't look too deserted. We want to manage the route systematically. We wish there were fewer accidents, we want someone to help take care of the central area. We want to see a good atmosphere and always being created to be more beautiful than before. We want to clearly tell the entrance and exit point. We want to have good weather so that there will be many people to visit. The conserve natural resources we want to measure the temperature of the air.

2. In terms of biological resources, consisting of wanting to have a good control officer we want to have a dedicated staff, want to add enough staff for tourists and provide thorough service. We would like to have more trees planted and have people take care of them regularly. Want to have rules and supervisors. We wish had a nebulization every week or every month. would like to have a dedicated animal care officer want animal care workers. We want to have a lot of trees to make it more beautiful. We would like to have staff training in service. We want to have equipment to take care of the cleanliness of the ancient city.

3. The value of use, consists of wanting to have two entrances and exits to make it more convenient, would like to have many pavilions to accommodate tourists, we would like to have chairs to accommodate more tourists. The conserve air resources and the environment. The build wide roads and expand different areas. We would like to have staff to take care of and maintain cleanliness want the caretaker to determine the tourists to visit want to improve and have enough support. We want the pavilion to be renovated to make it more attractive to tourists. We want to maintain a beautiful place; visitors should maintain cleanliness. There should be enough bins to dispose of rubbish.

4. The quality of life, consists of wanting people to take care and improve more in order to attract tourists. should fix the problem want to preserve the ancient sites. We want people in the area to help preserve it to last forever. We want more people to come to study and see the work often and have more people come to see. The atmosphere of the ancient city was full of abundance. We want people in the area to help preserve it to last forever. The hazards should be controlled, want the officers to watch over the ancient city. We would like to build a fence around the ancient city should be cleaned every day, clean equipment storage should be built. The activities within the community should be organized to ensure good conservation and maintenance.

In discussion from the study about educational management from local lessons: a case study of sustainable ecosystem development guidelines Ancient city, Yarang district, Pattani Province Southern Thailand of changes from the past to the present, as well as future development approaches, it is necessary to use the PDCA process, planning, implementation, evaluation, and improvement of physical resources. Biological resources value of use and quality of life that responds to sustainable development, resources in the area in line with the recommendations of (Vichit Rangpan ,2015 a), Vichit Rangpan ,2015b). In addition, safety must be provided to take care of the dangers that occur. Which is frequently found (Vichit Rangpan ๒016; Phanit Kamhom,2004; Prapha sukboonthong,2007; Sufa Banthuakun,1997; Thanawat, diligent and De Wattanachai Yingcharoen. ,2003; Wichian Witayudom,2007)



Figure 4: PDCA process of Ancient City, Yarang District, Pattani Province Southern Thailand

Source <https://www.google.com>,(27/04/2022)



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Summary and suggestions

The physical resources, in the future, consisting of wanting to have trash bins scattered in many places. We want to take care of the surrounding area so that it doesn't look too deserted. We want to manage the route systematically. We wish there were fewer accidents, we want someone to help take care of the central area. In terms of biological resources, consisting of wanting to have a good control officer we want to have a dedicated staff, want to add enough staff for tourists and provide thorough service. We would like to have more trees planted and have people take care of them regularly. Want to have rules and supervisors. The value of use, consists of wanting to have two entrances and exits to make it more convenient, would like to have many pavilions to accommodate tourists, we would like to have chairs to accommodate more tourists. The conserve air resources and the environment. The quality of life, consists of wanting people to take care and improve more in order to attract tourists. should fix the problem want to preserve the ancient sites. We want people in the area to help preserve it to last forever.

Suggestions for sustainable local area development, the following actions should be taken. There should be a lesson about Ancient City, Yarang district, Pattani Province Southern Thailand consisting of physical resources biological resources value utilization, quality of life for people in the area to study in their own area to be sustainable forever. From the previous lesson, it should be distributed to other communities to understand how the three southern border provinces are diverse.

Acknowledgment

In this research, people would like to thank the helpers for collecting the information. People in the area cooperate of data collection as well as staff in the relevant agencies that, facilitate researches in the future. Which was a benefit for use in area development in terms of physical, biological, value, utilization and quality of life in the areas to be able to develop sustainably forever? In addition, I would like to thank Yala Rajabhat University for facilitating the research to be accomplished.

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