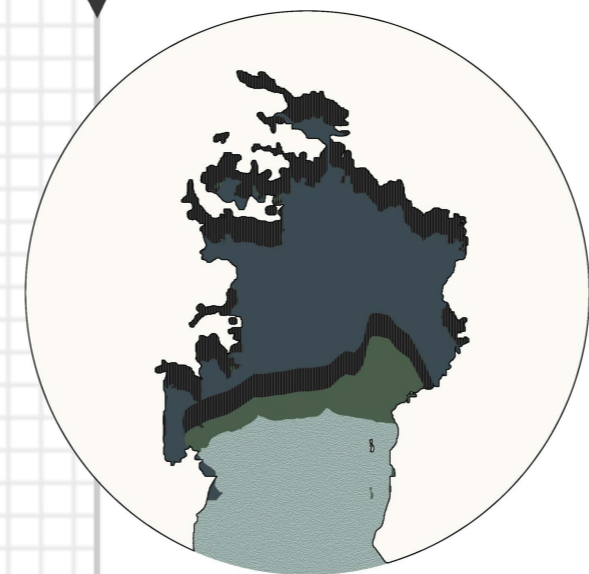
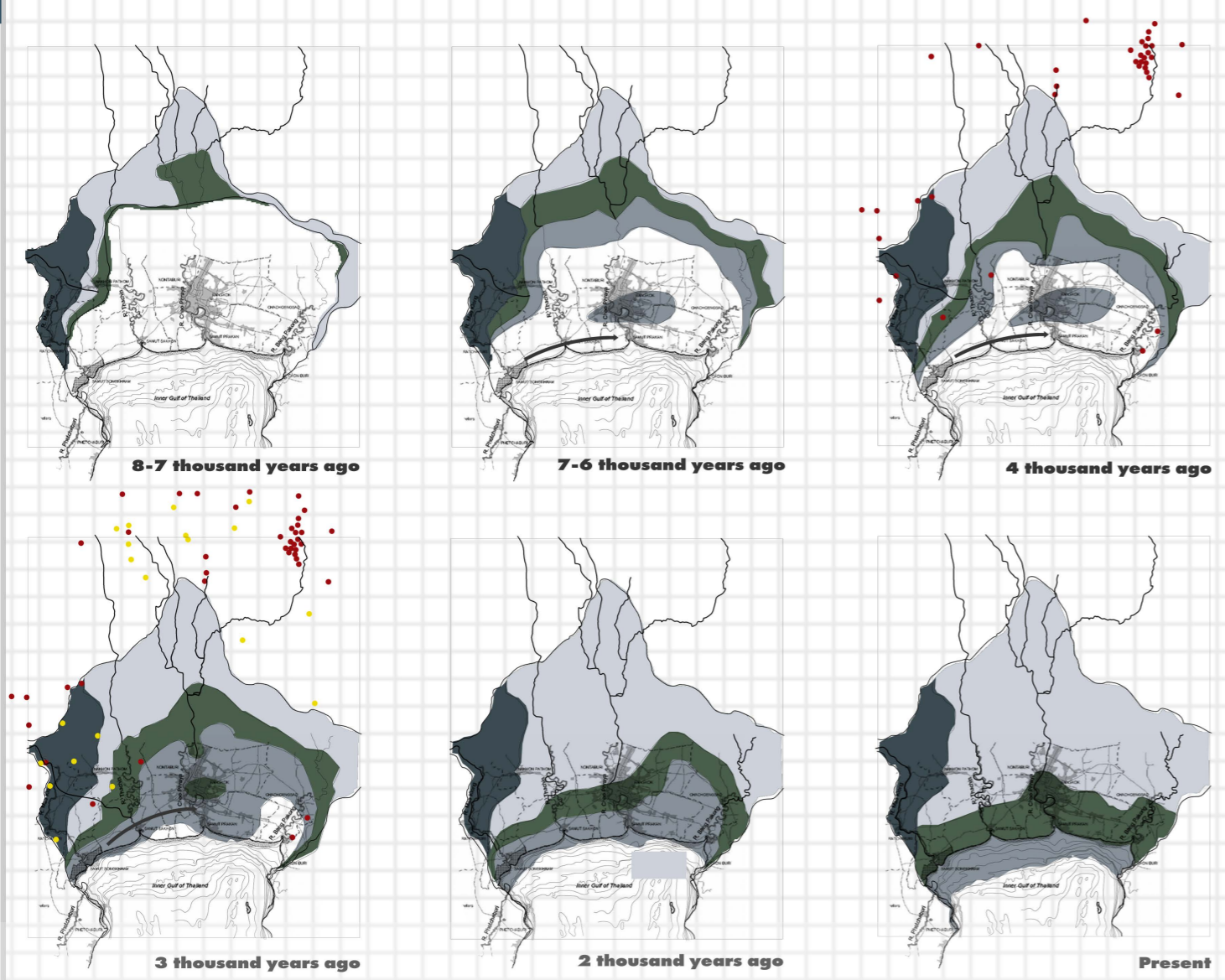




ANCIENT SEA

COASTAL TOWN

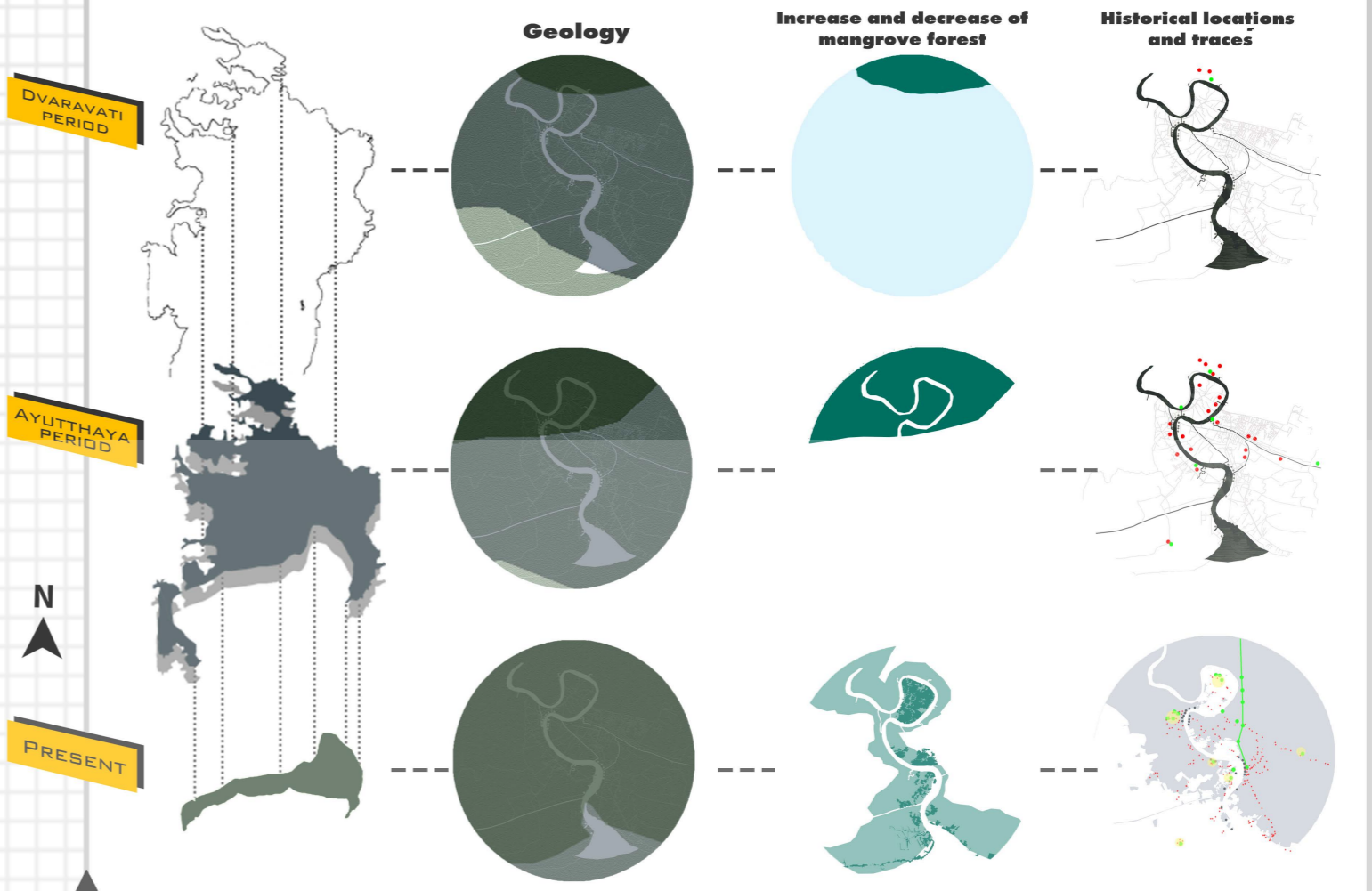


- GROUND
- MIRE
- SEA
- MANGROVE FOREST
- REDUCTION OF MANGROVE FORESTS
- COMMUNITY FRAGMENTATION
- HISTORICAL SITES AND TRACES
- FORTRESS
- ANCIENT COMMUNITIES THAT STILL EXIST TODAY
- RAILWAY ERA FRAGMENTATION RAMA 5

GEOLOGICAL CHANGE

- DELTA PLAIN
- ACTIVE ZONE OF DEPOSITION
- ALLUVIAL FAN (MAE KLONG DELT)
- MANGROVE
- BEACH RIDGE
- ESTIMATED CURRENT PATTERN
- LOCATION OF THE ANCIENT DVARAVATI COMMUNITIES
- LOCATION OF THE ANCIENT AYUTTHAYA COMMUNITY

REFERENCE DATA : STRATIGRAPHY AND HOLOCENE EVOLUTION OF THE MUD-DOMINATED CHAO PHRAYA DELTA, THAILAND



Country / City Thailand

University / School Maharakham University

Academic year 2015-2020

Title of the project Landscape Architecture Design and Improvement Project at Phi Suea Samut island, Samutprakan, Thailand

Authors Thidaporn Deeto



TECHNICAL DOSSIER

Title of the project Landscape Architecture Design and Improvement Project at Phi Suea Samut island, Samutprakan, Thailand
Authors Ms.Thidaporn deeto
Title of the course Bachelor of Landscape Architecture
Academic year 2015-2020
Teaching Staff Ms.Umpa Buarapa
Department/Section/Program of belonging Major Landscape Architecture Faculty of Architecture
University/School Mahasarakham University



Written statement, short description of the project in English, no more than 250 words

Samut Prakarn is well-known as a Bangkok expansion supporting province in economic, social and industrial sector. On the other side, Samut Prakarn is a city that full of the important history, especially the fortress. Moreover, there is a mangrove forest which is considered as the important carbon dioxide reservoir area of the city.

In the time of national development, there is a laying the foundation for accelerate country development, especially in industrial sector, which cause the huge expansion of industrial factories in the city. This situation has an effect on ecosystem and historic site. Besides, it has changed the local people's way of life. At present, the city is being expanded widely and starting to encroach the forest space, historic site and local people's way of life. This situation might cause negative effect on disaster issue, extinction of local animal, as well as the cultural disappearance and local people's way of life in the future.

Those issues lead to the Phisuea Samut Fort's Landscape Architecture Design and Gentrify Project. This project aims to preserve, rehabilitate and develop resource in the area, for instance, a mangrove forest, historic site and local people's way of life by using sustainable method. In the other words, if there is a good environment, there is a better quality of life. When people have better quality of life, the economic system will develop effectively and sustainably.

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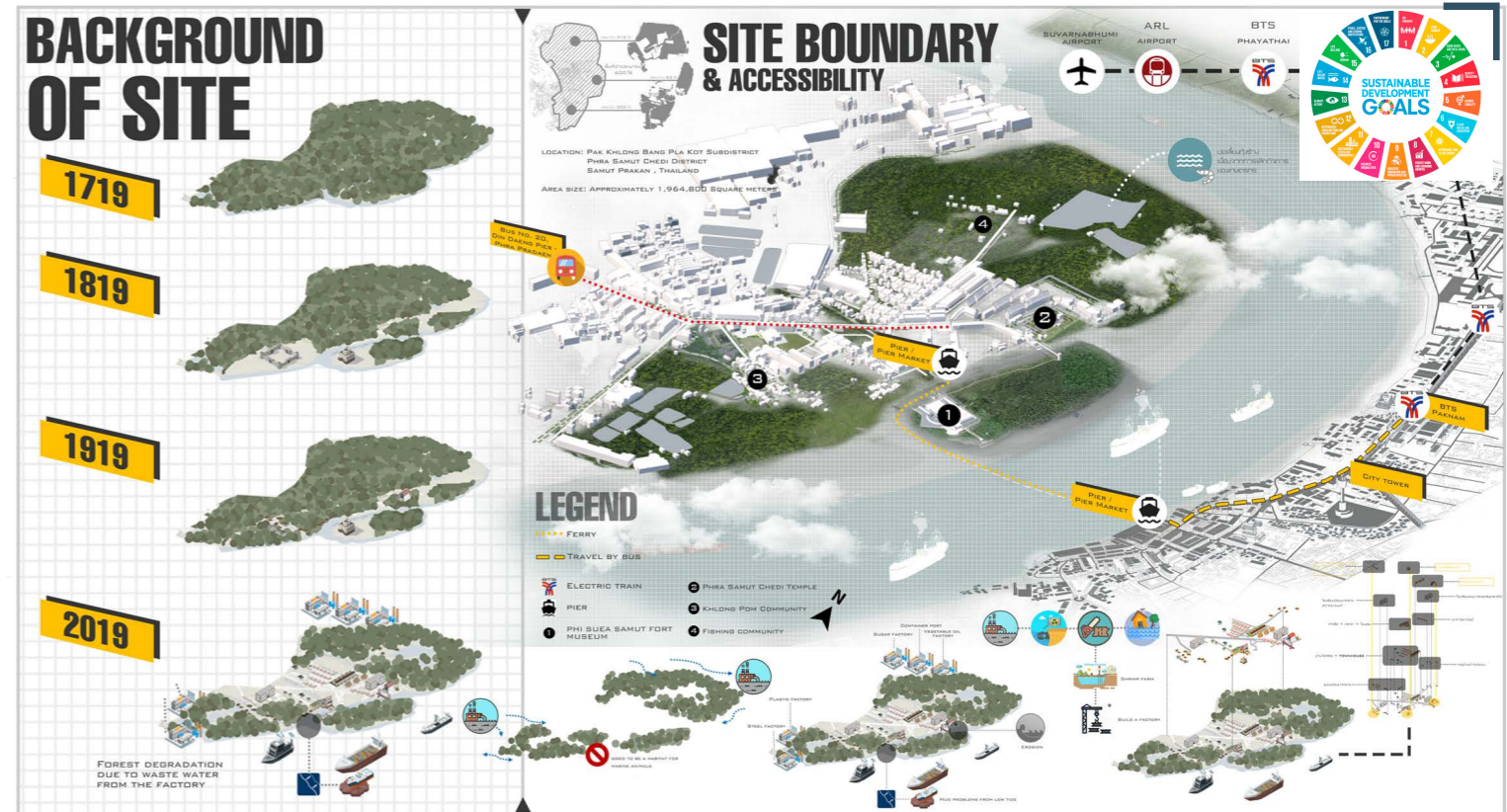
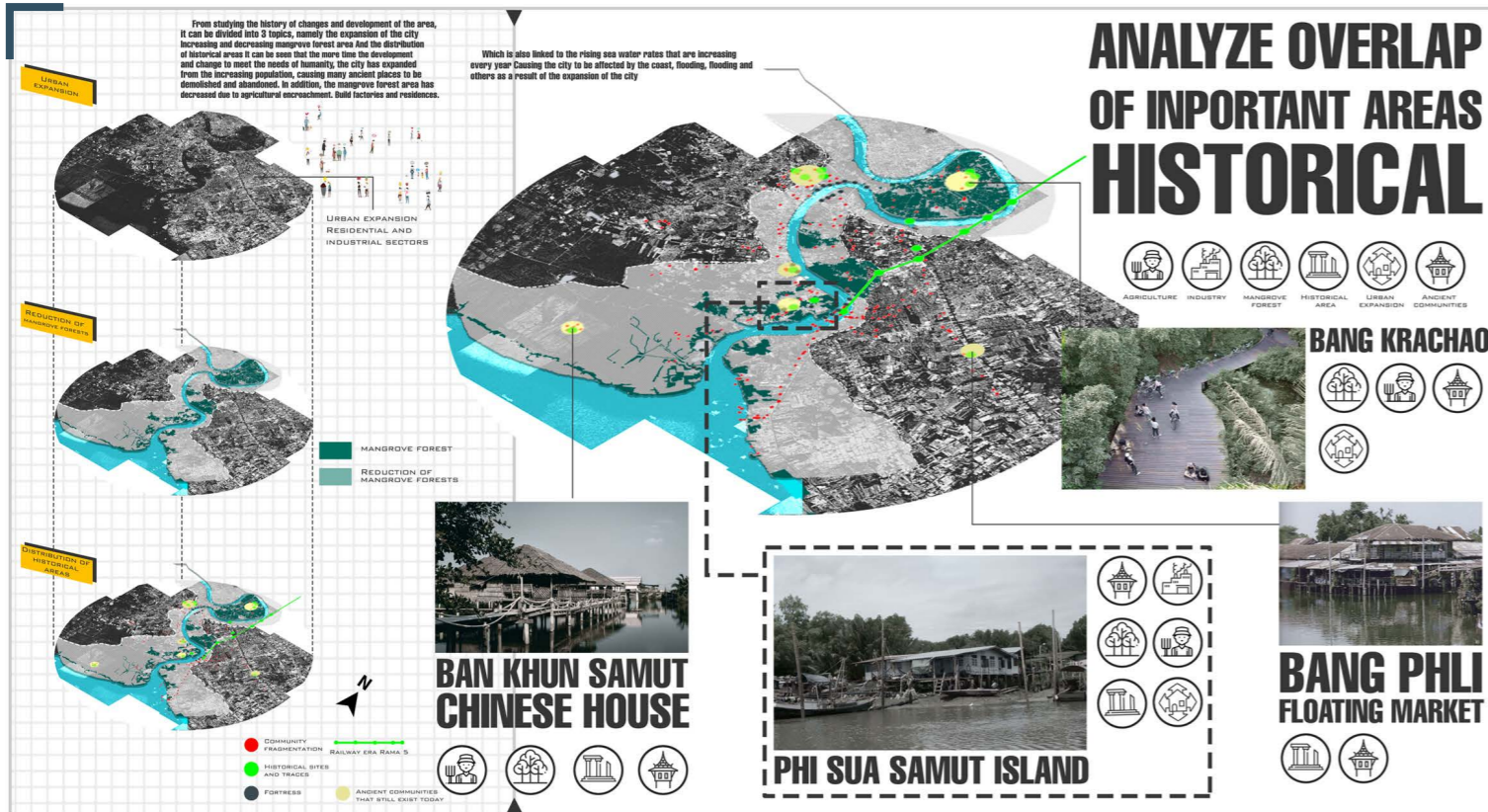
Máster d'Arquitectura del Paisatge -DUOT - UPC
ETSAB- Escola Tècnica Superior
d'Arquitectura de Barcelona
Avenida Diagonal, 649 piso 5
08028 Barcelona-Spain



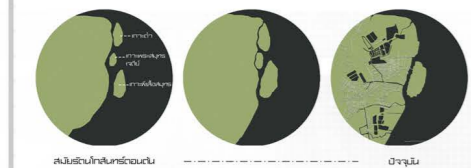
CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020
SCHOOL PRIZE

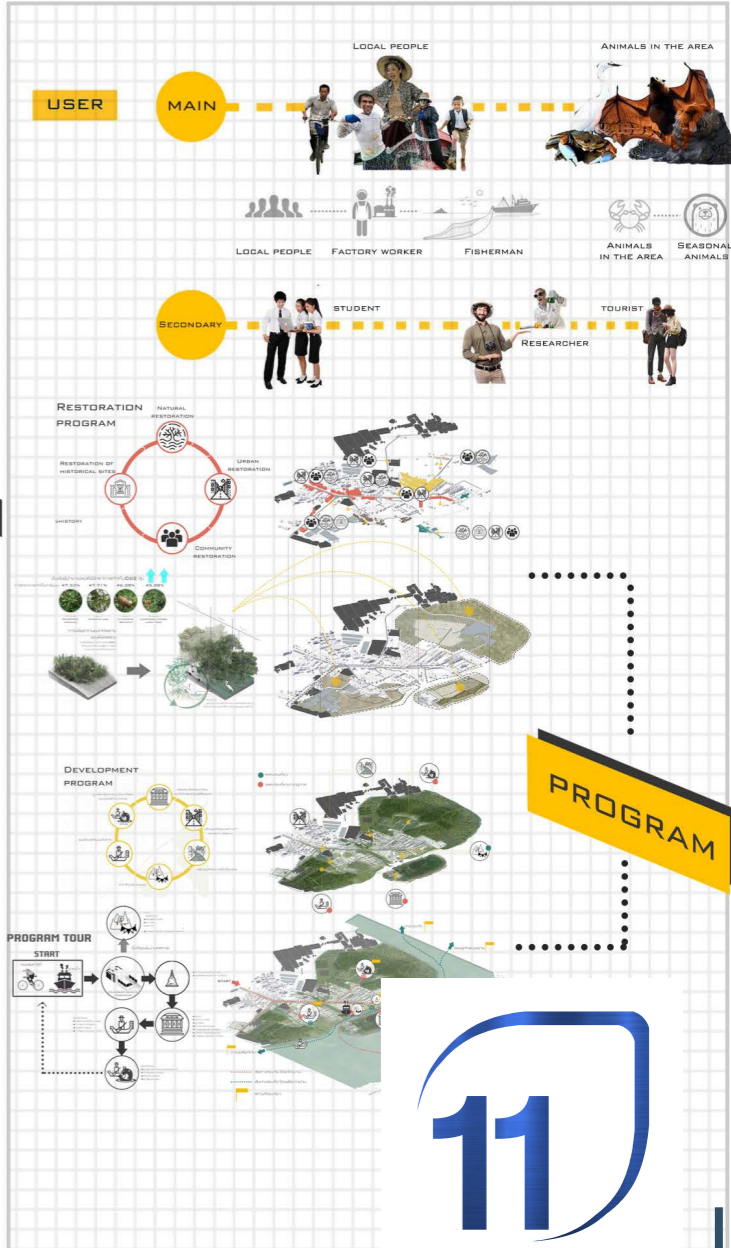
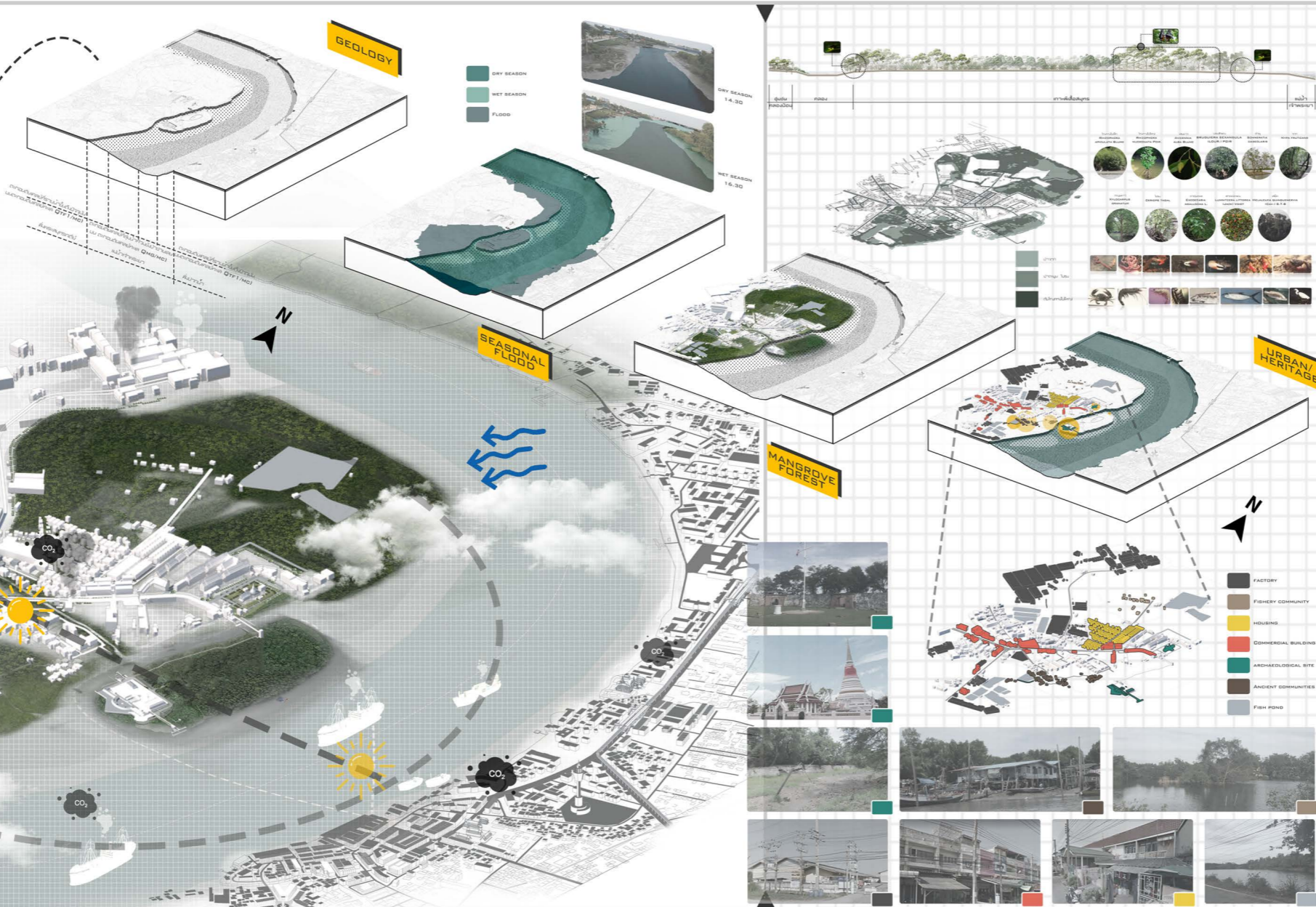


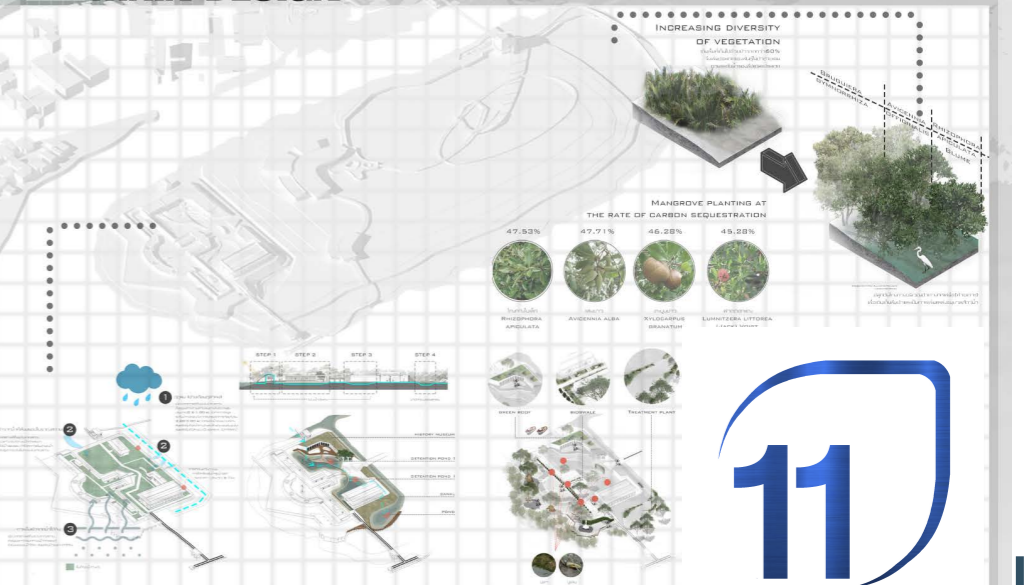
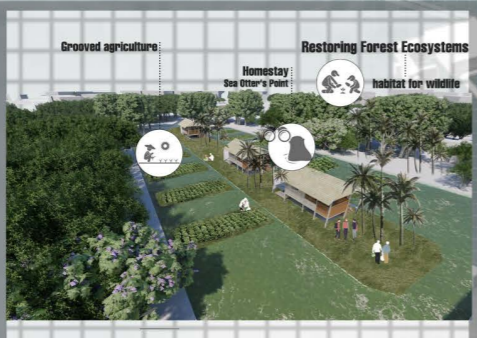
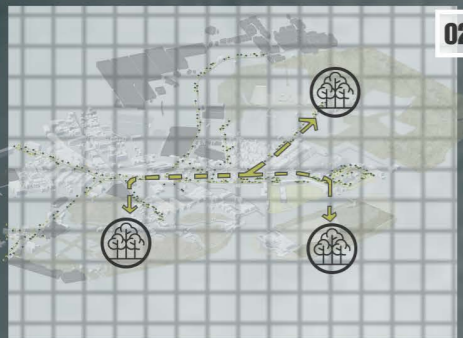
MACRO ANALYSIS



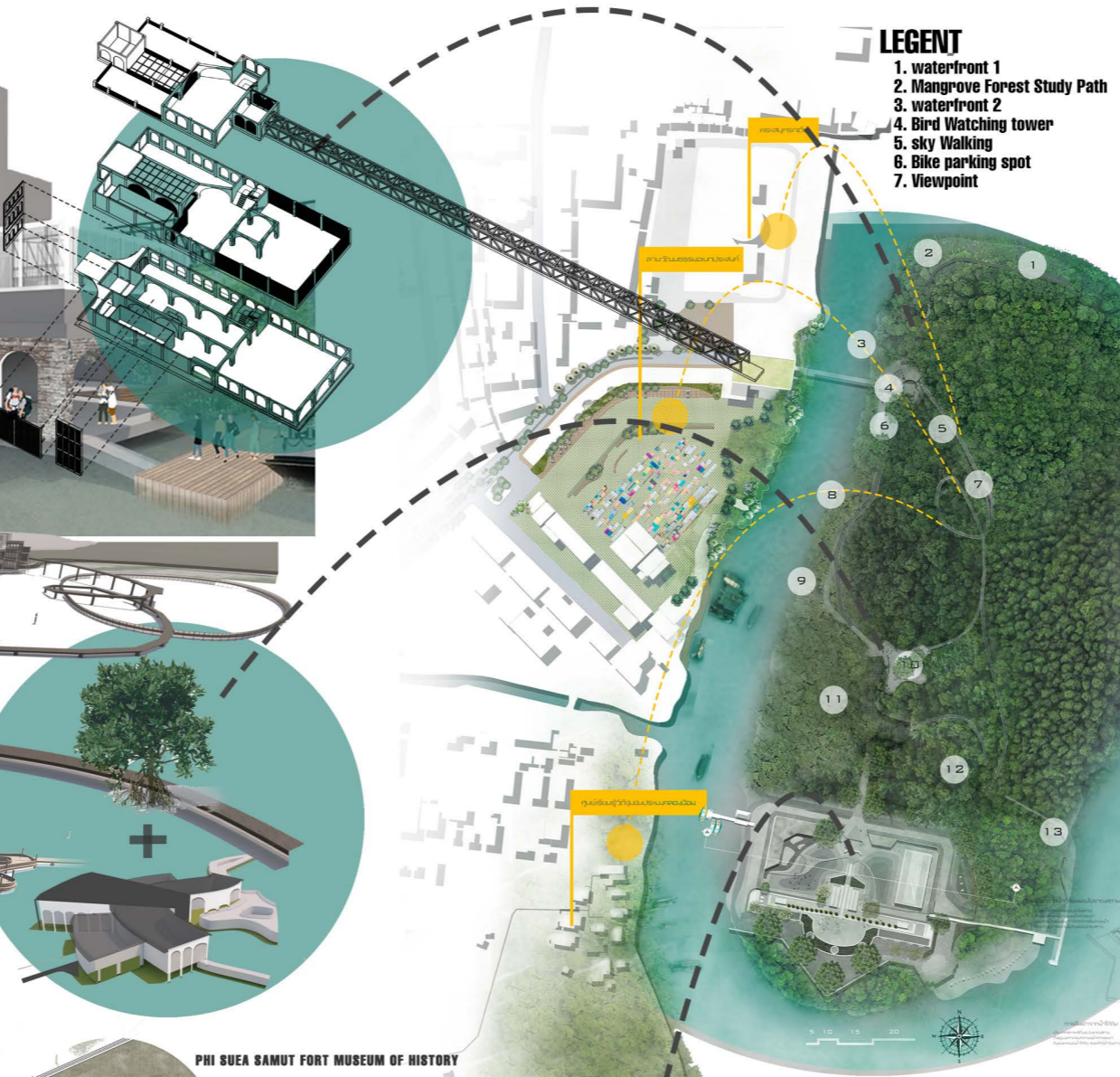
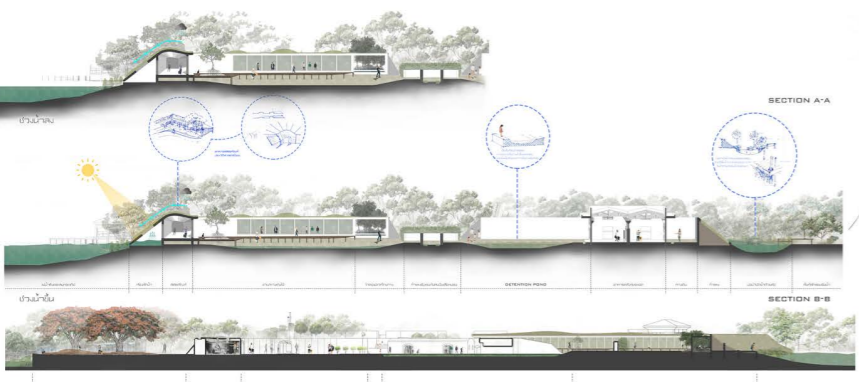
From studying the history of changes and development of the area, it can be divided into 3 topics, namely the expansion of the city increasing and decreasing mangrove forest area. And the distribution of historical areas it can be seen that the more time the development and change to meet the needs of humanity, the city has expanded from the increasing population, causing many ancient places to be demolished and abandoned. In addition, the mangrove forest area has decreased due to agricultural encroachment. Build factories and residences.

Which is also linked to the rising sea water rates that are increasing every year. Causing the city to be affected by the coast, flooding, flooding and others as a result of the expansion of the city





DETAIL 7 - PEE SEUA SAMUT ISLAND

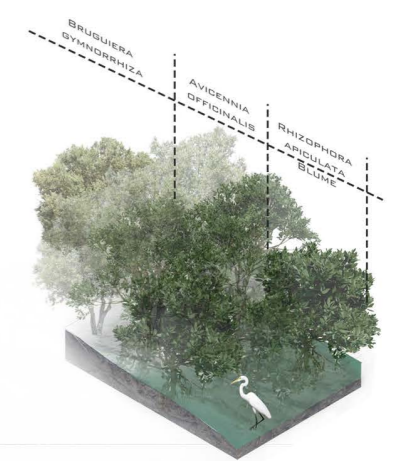


- LEGENT**
1. waterfront 1
 2. Mangrove Forest Study Path
 3. waterfront 2
 4. Bird Watching tower
 5. sky Walking
 6. Bike parking spot
 7. Viewpoint

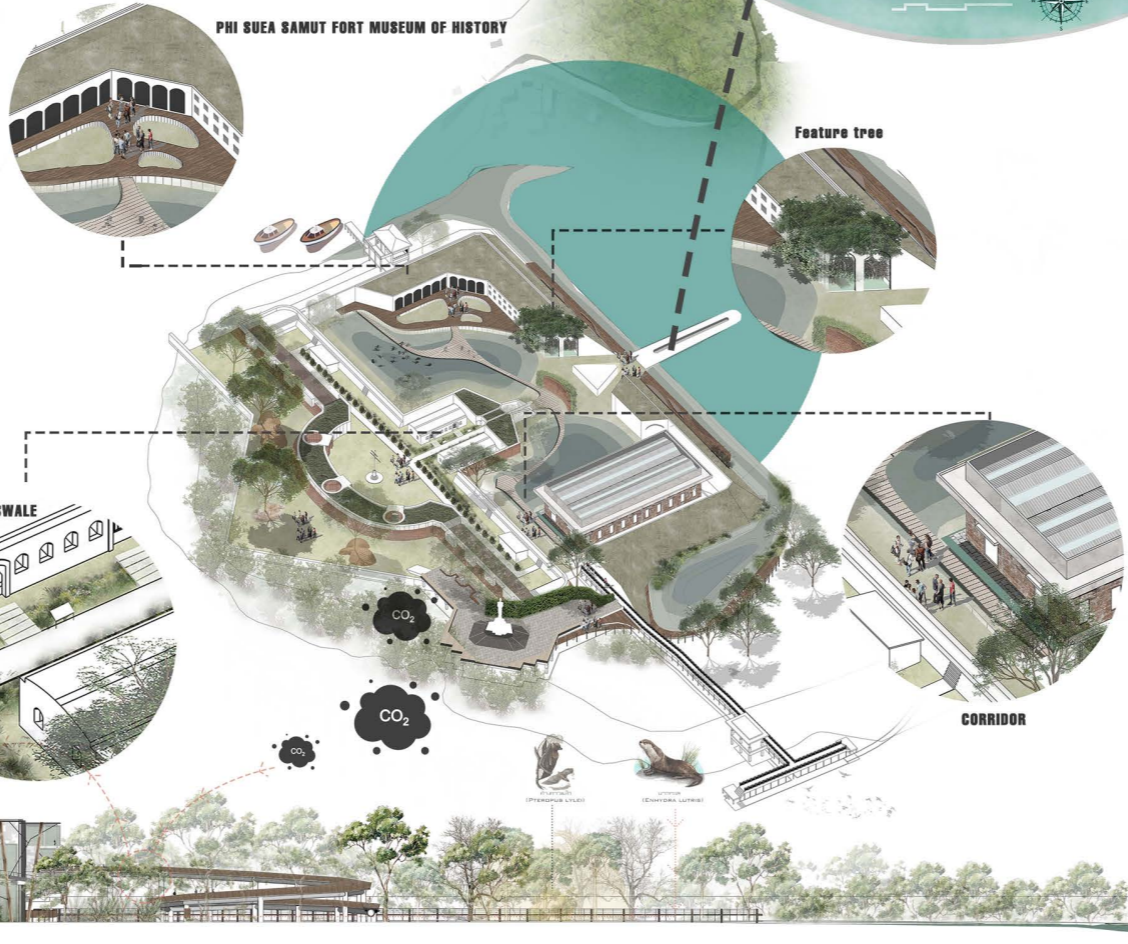
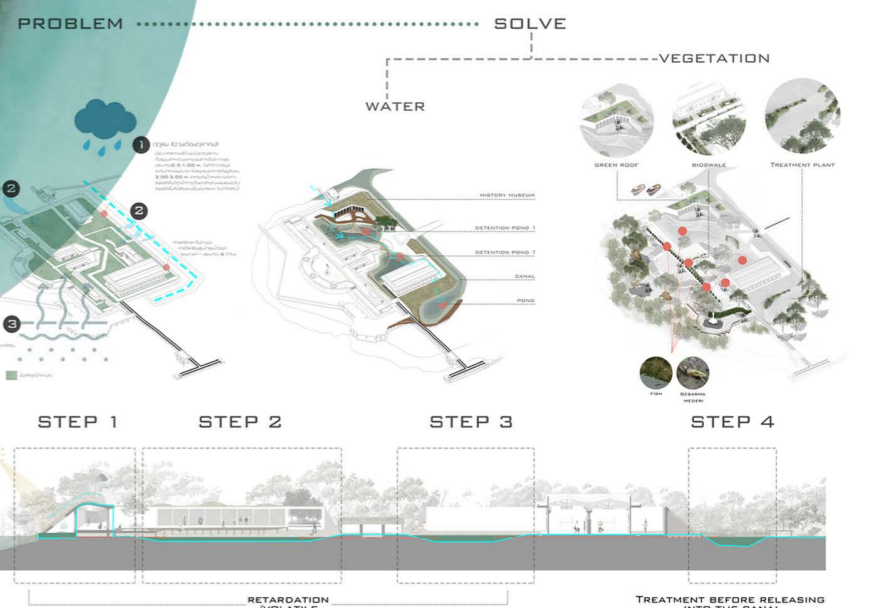
8. River ecological study route
9. Space for resting /
10. The mangrove yard
11. Mangrove Forest Museum Building
12. Visayak Building
13. Riverside viewpoint

Conceptual Diagram

INCREASING DIVERSITY OF VEGETATION
THE ORIGINAL AREA IS NYPA FRUTICANS OVER 60%, THEREFORE INCREASING THE TYPES OF MANGROVE PLANTS ACCORDING TO THE WATER LEVEL OF EACH TYPE OF PLANTS.



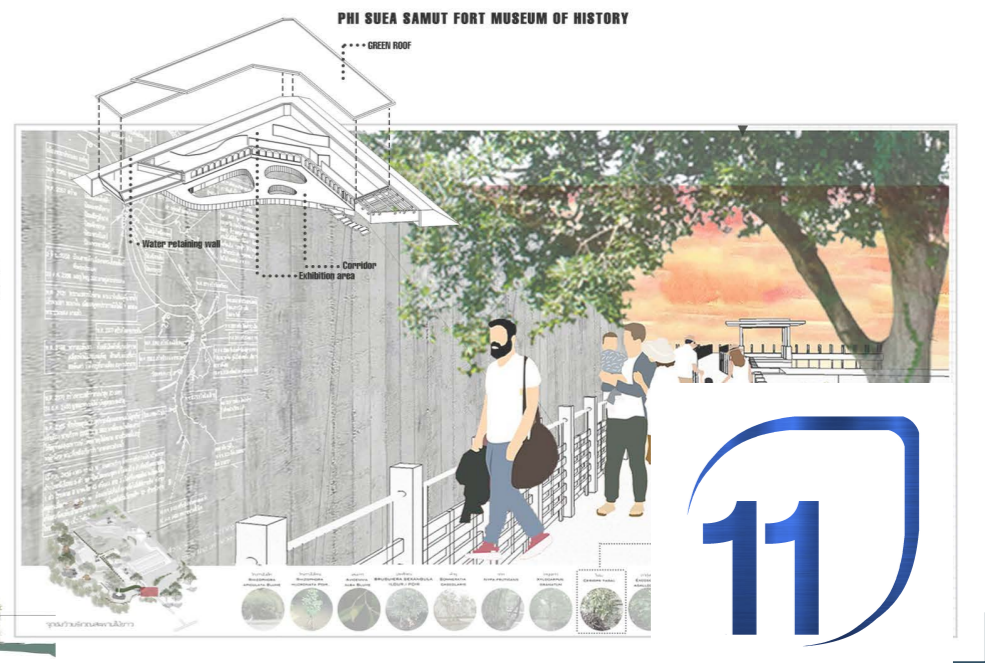
PLANTING MANGROVE TREES IN THE FOREST AREA IN THE NORTH, IN ORDER TO BE FULL OF THE FOREST AND TO INCREASE THE BREEDING GROUND FOR AQUATIC ANIMALS



PHI SUEA SAMUT FORT MUSEUM OF HISTORY

Feature tree

CORRIDOR



PHI SUEA SAMUT FORT MUSEUM OF HISTORY

