



CAMP & BIKE HUB

Adventure-Ecotourism
Sarika, Nakorn Nayok, Thailand

Country / City

Thailand

University / School

Kasetsart University

Academic year

2019

Title of the project

Camp and bike hub

Authors

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TECHNICAL DOSSIER

Title of the project Camp and bike hub
Authors Chanamon Satitanuchit
Title of the course Adventure - Ecotourism
Academic year 2019
Teaching Staff Dr.Natsiporn Sangyuan
Department/Section/Program of belonging Department of landscape architecture
Faculty of architecture
University/School Kasetsart University



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

Camp and bike hub located in Sarika sub-district adjacent to Khoa Yai National Park, Nakhon Nayok, Thailand. The area is famous for its natural resources including forest, waterfall, and pristine stream with a high level of biodiversity. Khlong Maduea is the major stream in the area which currently serves for adventurous tourism site along its corridor. However, at present, the area is threatened by careless tourism activities. To minimize the negative impact, the project aims to follow a sustainable development pathway by proposing the adventure activities which is a mountain bike (MTB) and trail running at Suan Dara, the existing adventure resort surrounded by a beautiful ambiance of stream, orchard, and forest. To restore the landscape, Camp and bike hub were proposed to replace the existing ATV route to minimize the negative impacts on the surrounding environment. The camp's facilities consist of grocery, restaurant, cafe, bike shop, and skill track to serve tourists who are going to Khlong Maduea waterfall. The project consist of 4 zones : campground, learning trail, MTB skill track and great lawn area. The new design proposal had shown how to insert the adventure activities into the existing natural area with limited site disturbance.

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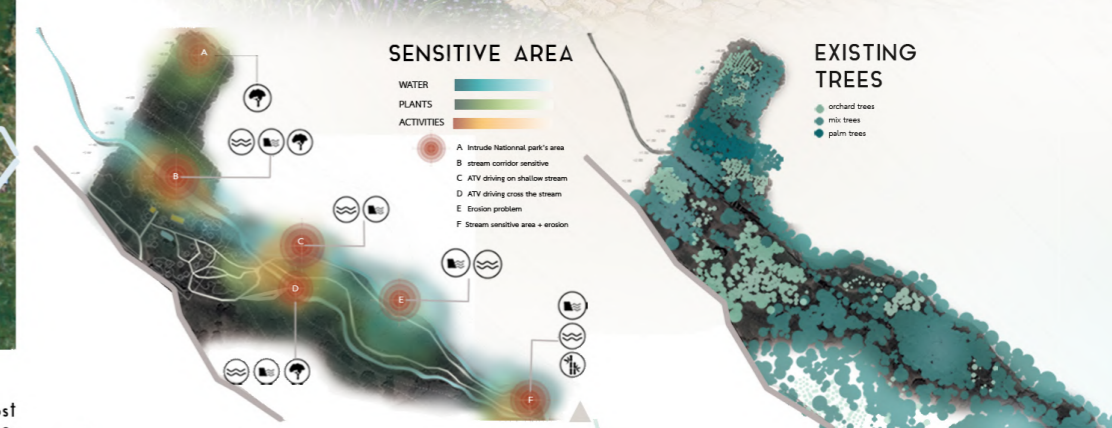
CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020
SCHOOL PRIZE



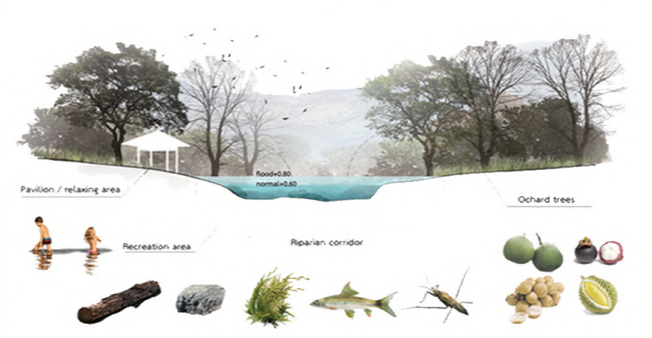
Bike shop & grocery multipurpose area



SITE LOCATION : Sarika .Nakhon Navok .Thailand
 Natural resources in Nakhon Nayok province is abundant and valuable including forests, rivers ,and waterfalls originated from the headwater in Khao Yai National Park

Adventure-Ecotourism project
 Camp and bike hub is proposed for the landscape restoration of Suan Dara ,the existing agricultural tourist destination that located near Klong Maduea stream

Adventure spots
 There are many water recreation spots along the stream. Giant fig is the most beautiful and hidden gem of this adventure route. Yet, at present its not quite popular due to its limited access allowing only bicycle, motocross and pedestrian



Suan Dara is one of the famous tourist spots where the owner tries to conserve and live in harmony with nature. There are various activities such as organic orchard ,garden and campsite to serve tourists.

Ecological Problems
 Klong Maduea stream is now deteriorated due to upstream water quality degradation causing by human's activities.



PROGRAM

- Connecting the original adventure spots together.
- Promote and develop this area for adventure activities that will minimize the effects on ecosystem.
- Support the adventure activities especially mountain biking and trail running
- Designing in harmony with the nature area ,the original orchard ,forest ,and stream corridor.

TARGET USERS
 Mountain biker ,hiker
 trail runner who like adventure activities and camping

TRAIL USERS OBJECTIVES

- CONNECT TO NATURE
- TESTING ENDURANCE
- ADVENTURE / CHALLENGING
- DEVELOPMENT SKILL / EXERCISE
- ESCAPE : GETTING AWAY FROM URBAN ENVIRONMENT

Existing ATV trail
 Driving ATV has a negative effect on surrounding landscape ,wildlife and vegetation. Bicycle is a better choice than ATV due to its eco-friendly mechanism and narrow pathway requirement. It can offer a wide range of difficulty rating which can allow everyone to enjoy biking.





KHLONG MADEUA RECREATION AREA



- BIRD WATCHING
- TRAIL
- LEARNING ORCHARD

- TYPE1
- TYPE2
- OWNER'S HOUSE
- 2 WC
- CAMPGROUND

- CAFE
- BIKE SHOP
- GREAT LAWN ZONE FOR BIKERS OR TRAIL RUNNERS OR OTHER VISITORS BUYING STUFFS BEFORE GOING TO KHLONG MADEUA WATERFALL WHEN THERE IS COMPETITION, THIS ZONE WILL CHANGE TO TURNING POINT - FIRST AID HUB AND MULTIPURPOSE AREA
- EVENT

- SKILL TRACK
- CARE + RENT
- FIRST AID

ZONE1 ORCHARD

ZIGZAG

MTB FEATURE LEGEND

- BERM TURN
- SHARP CORNER
- BERM
- BERM/TABLE

RESTAURANT PAVILIONS

CROSSING STREAM

RECREATION AREA

ZONE2 FOREST

EROSION CONTROL COIR ROLL

ZONE3 BAMBOO & RECREATION

BAMBOO CANOPY

RECREATION AREA

FIRST AID

RECREATION AREA IN BAMBOO ZONE INCLUDING - FIRST AID - 2 PAVILIONS - BIKE PARKING - EROSION CONTROL

MASTER PLAN CAMP AND BIKE HUB

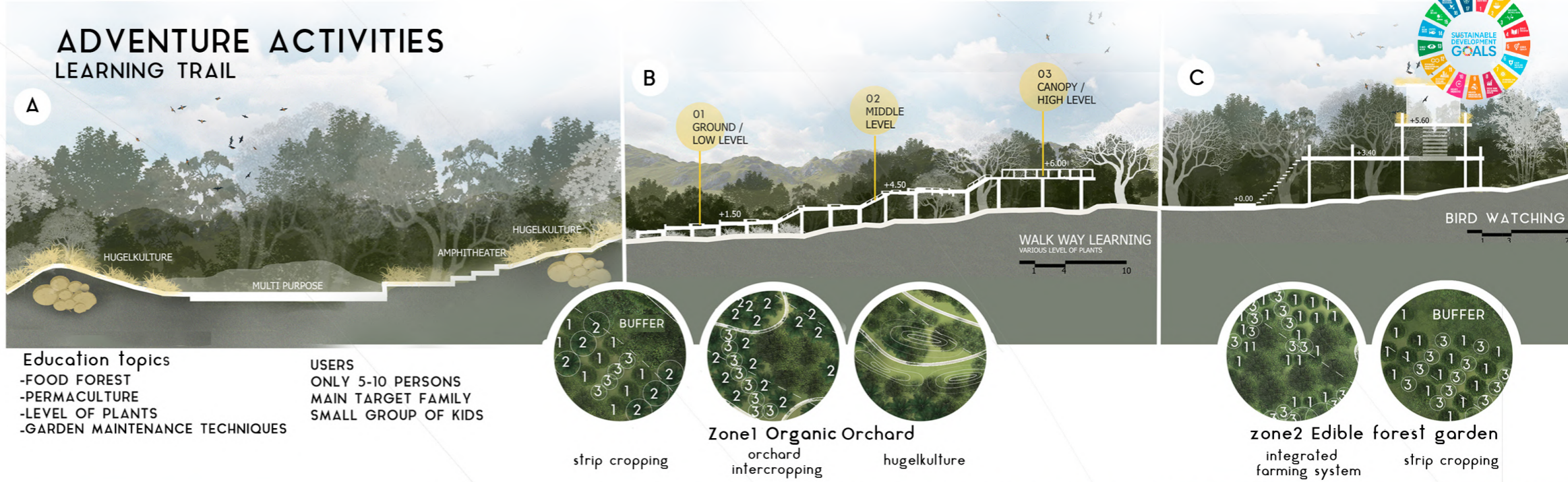


RECEPTION AREA

Zone2
Edible forest
garden

Zone1
Organic
Orchard

ADVENTURE ACTIVITIES LEARNING TRAIL



MTB Skill Track

ZONE1 ORCHARD
FOR BEGINNER TO PRACTICE
AND RECHECK THEIR BICYCLES



INTERMEDIATE LOOP
PRACTICING TRACK FOR BEGINNERS TO ADVANCE BIKERS
BEFORE ENTERING COMPETITION OR BIKING TO KHLONG MADUEA WATERFALL

MTB FEATURE LEGEND

