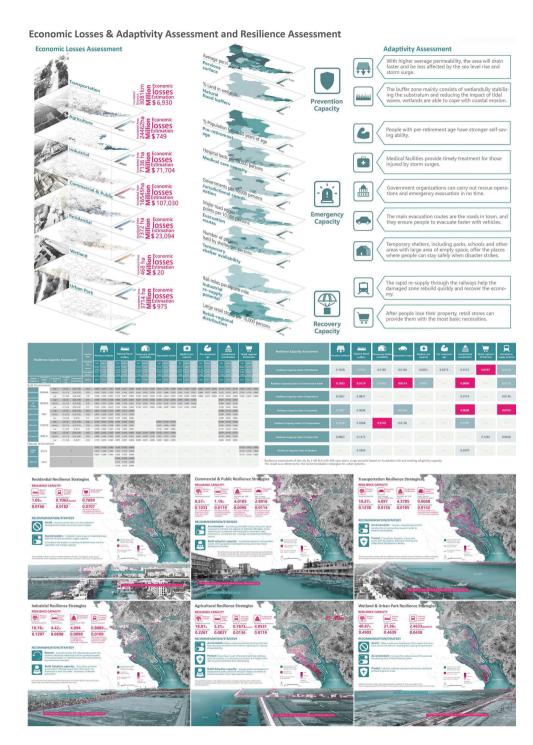
#### AWARD OF EXCELLENCE





# **Yanoda Ecotourism Zone**

## —— Reclaiming Paradise

#### **Background**

In the midst of China's rush to urbanize, conventional development practices can be harsh on people as well as the natural and cultural character of the land. Local famers may be relocated without asking for their input to make way for expensive housing and large hotels. The land they once earned their living on replaced by identical luxury vacation villas, shopping complexes, and theme parks. Yanoda Ecotourism Zone rejects that model in favor of a progressive blend of ideas that directly involves the local people in an ecologically and culturally sustainable planning project.





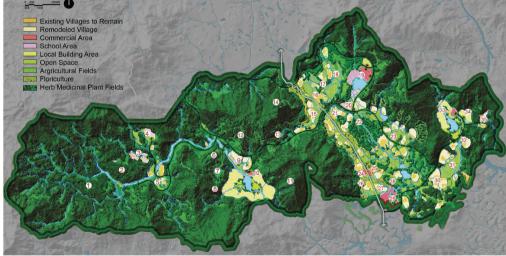
The Yanoda Ecotourism Zone is located in Baoting and Sanva counties in Hainan Province, China, The study area covers 40,525 acres just 19 miles north of Sanya City, a popular tourist destination. The land is rich in natural resources with mountains covered in tropical rain forests. hot springs, and waterfalls. The design team created a master plan as well as a design guideline for the region based on a thorough site analysis as well as public

The landscape architects in collaboration with the clients initiated a strategy to engage residents and government officials in conserving most of subtropical lands to forever protect scenic vistas, water quality, farmland, wildlife, clean air and recreational opportunities of the subtropical land and mountain while offering devised solutions to the surrounding residents to improving their hospitality eco-tourist income and local economic. Guiding the vision of land and rejecting uncontrolled sprawl, the plan leveraged unique planning methods and limited development strategies to achieve what had been previously considered impossible in the area: Creating a practical and sustainable masterplan as well as a design guideline for the region based on a thorough site analysis as well as public involvement.



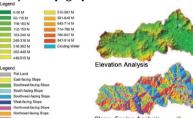
■ Baoting County has been home to the Li ethnic minority for thousands of years. Their culture flourished during the Tang, Yuan and Ming dynasties





- 1 Rainforest Research Base
- 2 Rainforest Nature Walk
- 3 Rainforest Preservation Center
- 4 Endangered Species Museum 5 Nan Rainforest Campground
- 6 Reservist Training
- 7 Spring Valley Fitness Trail
- 8 Rock Climbing Area
- 9 Spring Valley Sports Village
- 10 Beishan Fields Sports Park
- 11 Paragliding Takeoff Point 12 Horse Riding Trails
- 13 Mountain Bike Circuit
- 14 Area Overlook and Summit Trail
- 15 Rice Valley Agricultural Center
- 16 Produce Market
- 17 Community Gardens
- 18 Fruit Orchards 19 Medical Research Village
- 20 Educational Center
- 21 Educational Village
- 22 Rice Valley Arboretum
- 23 Job Training center
- 24 Li Minority Plaze and Amphitheater
- 25 Li Minority Cultural Center
- 26 Nanling Forest Park
  - 27 Zajin Village Center
  - 28 Tea Garden
    - 29 Li Minority Cultural Village 30 Rice Farming Villages
    - 31 Rice Fields 32 TCM Plantation and Hot Spring Center
    - 33 Nan Health and Wellness Village 34 Traditional Medicine and Health Center
    - 35 Relaxing Spa Retreat
- Nanshan Rainforest Research Zone
- Beishan Wilderness Activity Zone Rain Forest Health & Relaxation Zone
- Rice Valley Tourism Village Zone

#### **Analysis - Topographic & Environmental**







North-facing Slope





# Slope Facing Analysis





Greenbelt Ecological Protection Analysis

#### Bluebelt Ecological Protection Analysis

#### Challenges & Opportunities



Many challenges were identified; unregulated fertilizer and pesticide use polluted drinking water; absence of summer rain water storage system; rapid depletion of forest resources by unsanctioned tree farms; lack of proper sewage system leading to unsanitary living conditions



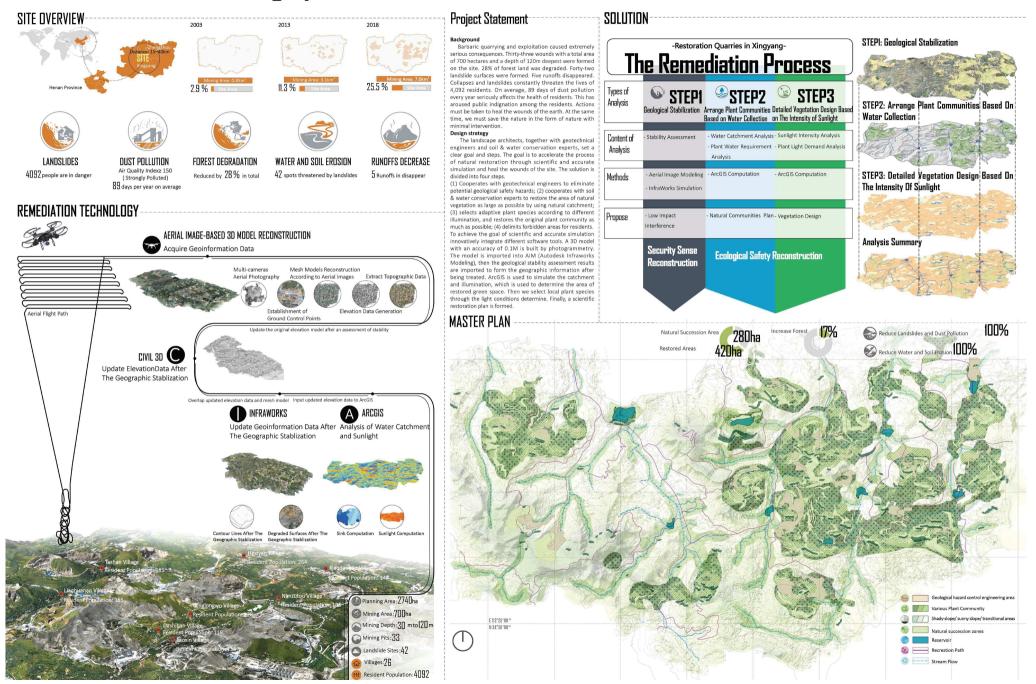
Numerous site visits were made to collect and analyze data using GIS tools. The information gave the team thorough understanding of the topographic conditions, native and invasive vegetation types, rivers, streams and watersheds throughout the area.

#### **Analysis - Culture & Architecture**





# Accelerated Scar Healing by Nature——Restoration Quarries in Xingyang



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# Community park @ Phetchaburi

#### Designs:

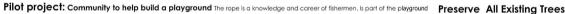
Design concept; to create a beach recreation area for the community economy along the Chao Samran beach. Design Goal: to create Community Park that is able to generate revenue, provide a cultural space and rest areas for the people in the community and tourists. It also provides the exercise area for people in the community

Design Process: the aim of the project was to promote the sense of ownership of dwellers and target groups in developing a supportive environment for physical activities, to take part in the management of the proposed facilities and to stimulate people motivations inconserving Thai traditional plays and sports. The participalory design process starts from the field survey to explore the project area and arrange an open stage, brainstorming to determine activities and programs for design needs. After that, the designer brought back the results from the first open stage to the community and arranged the open forum again. Both workshops were arranged for the discuss activities aimed to exchange various ideas such as the presentation of the goals and values of the project, the exhibition illustrated the perspectives of renovation, Sub-group activities & discussions, and also including reflections in the big stage. As a result, designers are aware of a variety and useful activities such as exercise, leisure, trade, youth activities, and social activities. It identifies the location of the activities and also the issues and concerns of the community. The aforementioned participatory processes created unity and strength in the community. Therefore, the design of the Chao Samran beach's Sports Court is truly community based. In addition, the engagement process does not end with the design process. It also provides opportunities for the community to participate in activities during construction such as painting and drawing playground, building brick walls and planting trees. This also is a need of the community that has been designed together. And in the future when the project is completed, this participatory process will also lead to teelings of love, cherish and shared ownership to this area. From our initiation of the processes, the general public shows more interest to participate thei comments. For the conclusion, Chao Samran Beach Project is a project that everyone in the community will be involved in since the design process, participating in the construction process and also be user and maintainer. It, thus, is a valuable project and truly worth to the community

participatory process, supportive environment for physical activity, healthy space, environmental design for health promotion, action research, community design, ownership feeling, Social Flexible Space, Commercail

#### Participation of function

























# Participation circulation sharing Participatory space sharing Parking Lot & Sport Field Area ..... Health Area ...Local Commercia MALTITIZATION TO PERSON

'The area is disconnected because the road is blocked.

Wdikwd	y+kunway	Emergency service	
Existing Tree			
Casuarina equisetifolia	139 Nos.	Cocos nucifera	1 N
Borassus flabellifer	4 Nos.	Cassia fistula	1 No
Ficus religiosa	2 Nos.	Ficus religiosa L.	2 No.
Calophyllum inophyllum	6 Nos.	Artocarpus heterophyllus 1 No	
Cerbera odollam	15 Nos.	Other trees	15 N
Terminalia catappa	2 Nos.	Total	208 No
Terminalia ivorensis	12 Nos.		
Plumeria	5 Nos		
Artocarpus heterophyllus 1 Nos.			
Roystonea regia	2 Nos.		

Participation surrounding sharing

"Connect all area

#### Characteristics

- Good near the seaside, wind-
- tolerant Good at water edges, flood-
- tolerant Casuarina equisetifolia use as
- wind break Good in low-maintenant areas Handsome crown and leaves.







#### Road Planning of Provincial Highway No.9

Landscape roadway planning, apart from considering the overall visual experience of passers-by, should not only encompass all users, including pedestrians and vehicles, based on human-centered design principles but also carefully responding to the context of the local communities and the surrounding ecological environment.

In Taiwan, conventional highway design tends to largely center on transportation functions, which results in oversimplified design process that reduces design into a process carrying out run-of-the-mill road section designs. This project broke with tradition by putting the landscape planning and design first and foremost, no longer treating it as supplementary in this process. In addition, the design approach focuses on four elements: safety, landscape, humanism, and ecology, In the planning process, the public participation mechanism was in place to encourage citizens to take part in the decision-making so the design solutions can take into account both environmental and social needs, which resulted in proposals that respond to the various local areas: the populated area, the scenic area, and the ecological area.

CREATE SUITABLE SOLUTIONS RESPONDING TO VARIOUS ROAD CHARACTERISTICS



Slow Living in The Populated Area

- Create More Pedestrian-Oriented Slow-Paced Space
- Through public participation to consensus plan



- Preserve Roadside Trees in Good Condition
- Designate Fast Lane& Slow Lane

Integrate the Vacant Areas

- Increase Speed Limit in Premises of Safety
- The Ecological
- Prevent Road Kill
- Build Wildlife Passage
- Avoid Large Excavation During Construction

### **Gray Infrastructure**

TRADITIONAL HIGHWAY

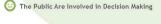
Efficient Movement at Long-Distance Transportation Humanism and Ecology are Secondary Single Run-of-mill Road Section and Design Speed 🔄

The Public Are Only Notified After Final Decision

#### **Green Infrastructure**

THE PROPOSED SAFETY LANDSCAPE BOULEVARD

- Combines Aspects of Transportation, Everyday Life and Sightseeing Human-Centered Design, Safety and Ecological Friendliness Are Primary Focus
- Adaptive Design speed and Road Sections Responding to Local Conditions





Guangfu

1.Based on the design principle of "trees first, then road", depends on the existing condition to upply either the methods of "Separate 2.The elevation change in hilly sections is dramatic, therefore differentiate the high and low elevations to avoid potential large excava 3.The Populated Area People-oriented Road Widering.



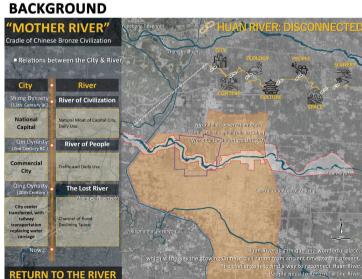












#### **OBJECTIVES & FRAMEWORK**



#### **STRATEGIES**





#### TECHNIQUES AND METHODS

It proposes a CTE layered protection mode to form an ecological display space with low interference to the original environment

Center

Transition

OTE layered protection mode divides the park into regions according to acological sensitivity. The designation of c-centre area, nearly the core area of original habitat protection: E — edge area, where to display activities by using edge area; the transition zone was established between zone C and zone E, namely the transition zone for ecological restoration. Planning sets the protection traget for each area, control ling the number of visitors, and establishes the facility area, controlling the number of visitors, and establishes the facility area, and all coation system for each area. All these measures have guiding significance to the planner of ecological park. The water purposes the protection of the planner of ecological park. The water purposes the protection of the planner of the planner of ecological park. The surface are constituted on the basis of the zoning model defined by this protection ands. Which forms the ecological eshibition space and park layout with low interference to the varieral environmence.







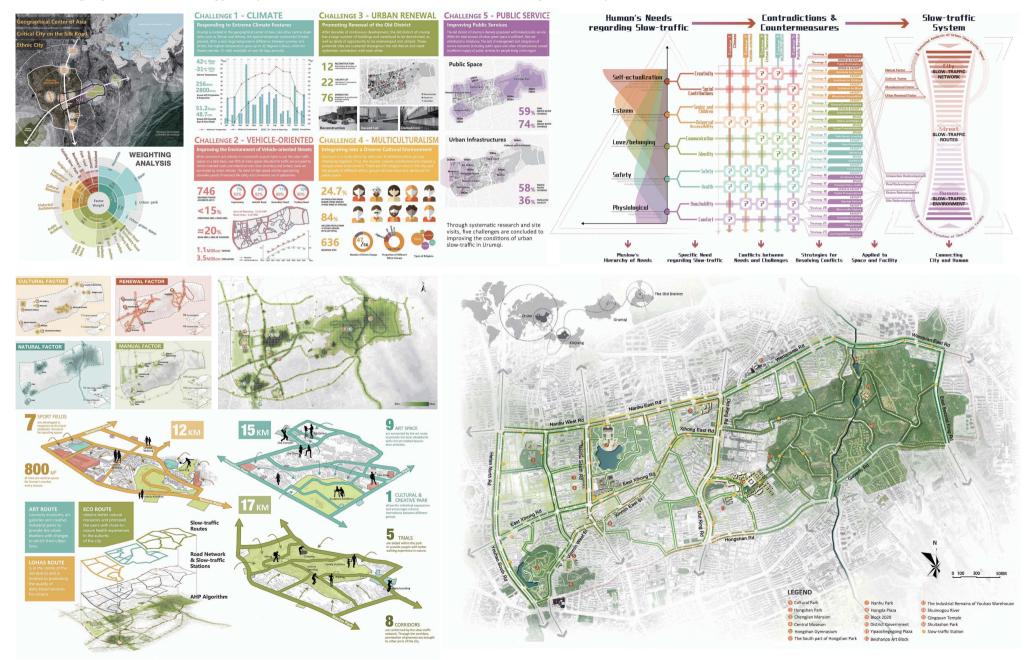






# **RECLAIMING A HUMANE STREET SYSTEM:**

Planning of the Slow Traffic System under the Urban Renewal of Urumqi



#### **AWARD OF EXCELLENCE**

