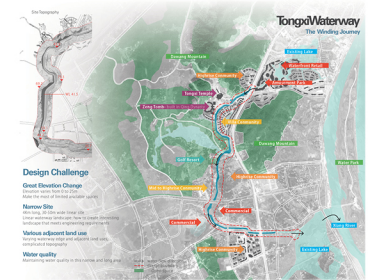


# TONGXI WATERWAY IMAGE SUMMARY

## Sub-Category: Planning & Analysis

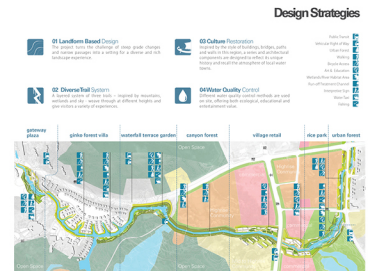
### 01\_Tongxi Waterway

The Tongxi Waterway design turns challenges of steep terrain and a narrow site into a rich and layered landscape. Working with the 25 meter grade change and the 30-50 meter wide site to create eight landscape zones that relate to varying adjacent uses and provides water control along the 4 kilometer stretch of the waterway.



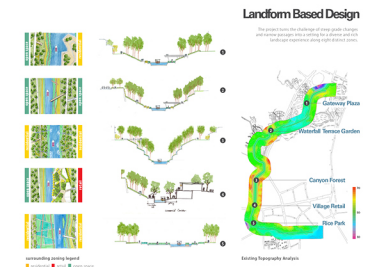
### 02\_Design Strategy

In response to the existing site issues a series of design strategies were developed to guide the process and to more effectively connect the cities within the Dawang New City Area to the lakes. These included landform based design, a diverse trail system, culture restoration, and water quality control.



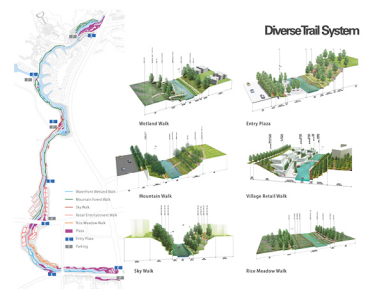
### 03\_Landform Based Design

Typical sections display the various design strategies that were developed in accordance with the elevation changes. The project turns the challenge of steep grade changes and narrow passages into a setting for a diverse and rich landscape experience along distinct zones.



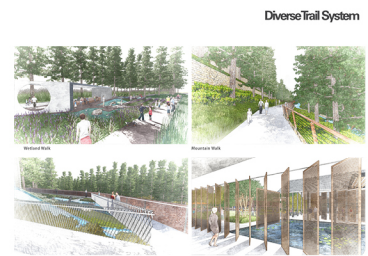
### 04\_Diverse Trail System

A three-layered trail systems offers visitors varying vantage points and encourages a sense of discovery along the way, resonating with the context of wetlands, mountains, and forest.



### 05\_Diverse Trail System

Moving through different portions and different levels of the site, residents and visitors experience the distinct characteristics of the wetland, mountain, sky, and garden walks.



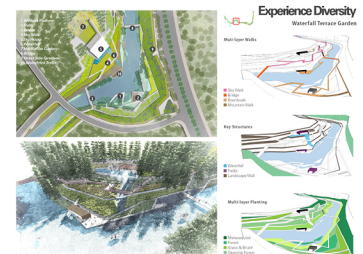
## 06\_Experience Diversity\_Gateway Plaza

The Gateway Plaza is designed with multi-layered landscape structures including varying plaza levels, ramp and stair connectors, and the High Land Visitor Center. Native plants including the Ginkgo, Metasequoia, Willow and Chinese Tallow tree along with a variety of ground cover and shrubs help to highlight the seasonality of the region.



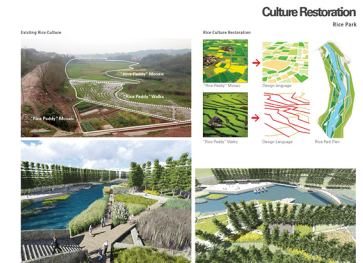
## 07\_Experience Diversity\_Waterfall Terrace Garden

The Waterfall Terrace Garden is characterized by various landscape elements that exist at different levels. The lower level meadows, mid level trellises, and high land tea house are all linked together by a continuous walkway system that weaves and overlays itself.



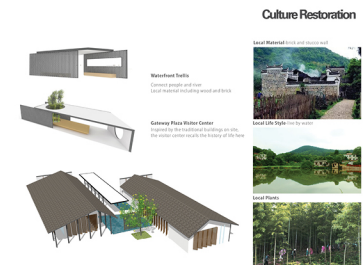
## 08\_Culture Restoration\_Rice Park

Inspired by rice field patterns, the wetland garden's mosaic textures create colorful and playful landscapes throughout the different seasons. The planting scheme is dominated by native trees and a variety of water plants which help to maintain water quality for recreation use.



## 09\_Culture Restoration

To connect and enhance the local culture and landscape, trellis structures are constructed from local brick and stucco, and the circular windows echo local building traditions. The roof profile and materiality of the visitor's center are inspired from the surrounding mountain ranges.



## 10\_Water Quality Control

By integrating a series of water treatment systems into the landscape design – such as waterfalls to re-oxygenate the water along with wetlands to filter water - Tongxi Waterway has the potential to become a park for ecological demonstration and education.

