Project Title: Shunde Guipan Waterfront
Project Location: Shunde, Guangdong Province, China
Sub-Category: Planning & Analysis

Image Summary

Image: 01_River Threads
Plan view of the Shunde Guipan River Master Plan

Image: 02_Challenges & Strategies
Hardened edges, lack of development, and neglect have disconnected the City from the River. Design Strategies were developed to guide design and impact the surrounding communities:

- Establish Edge Variation & Create Identity
- Incorporate Wetland Terraces & Filtration
- Conserve Fishponds and Habitat
- Create Program Diversity & People Space
- Utilize Culture & Art

Image: 03_Establish Edge Variation & Create Identity
The long Guipan River gives opportunity for multiple edge and identity treatments that accommodate adjacent land uses and appropriate program. The dense, urban areas will have wetland terraces that treat urban runoff, while the less populated areas will feature a natural edge that provide micro-habitats for local birds, fish, and amphibians.

Image: 04_Incorporate Wetland Terraces & Filtration
Typical components of an urban park along the river.

Image: 05_Incorporate Wetland Terraces & Filtration
Metric's were developed to show how much urban run-off is captured and treated with the terraces versus a traditional hard river edge.
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Image: 06_Incorporate Wetland Terraces & Filtration
Each terrace has a specific function as it treats urban run-off.

Image: 07_Conserve Fishponds & Habitat
Existing fishponds are preserved and given new life as filtration and habitat ponds.

Image: 08_Conserve Fishponds & Habitat
Existing fishponds are preserved and expanded to filtration ponds and habitat for local birds, fish, and amphibians.

Image: 09_Create Program Diversity & People Space
A playground, trails, plazas, gardens, art walls, and a cafe occupy specific terraces located upon adjacent land use, bike trail location, and waterfront proximity.

Image: 10_Utilize Culture & Art
Gathering spaces lie at the heart of the riverfront where historically important trees (Ficus), intimate water bodies, and stairs allows for the water to be touched and experienced.