

Wusong Riverfront



SWA synergizes development and environment with amenities that are supported by a water-quality improvement system.



SWA's master plan for Wusong Riverfront integrates cutting-edge hydrological design and land planning by making a water treatment system the central organizing structure of the site. A sequence of several pools and channels remove targeted pollutants by settling, filtration, aeration, and bio-processing in alternating oxic and anoxic environments. Existing storm pipe outlets that previously discharged directly into the inner bay will be retrofitted, allowing water to pond onsite and flow over land in bio-swaes before entering the treatment system or inner bay.

The plan also seeks to reconnect the population with the cleaner water through educational programs and by designing the perimeter of the bay as an open-space system with gardens, artwork, plazas, activity areas, fountains, and a beach and marina, all of which are all interconnected by bicycle and pedestrian paths.

Location

Kunshan, China

Client

Kunshan Huaqiao Economical Development and Planning Bureau

SWA Scope

Regional concept planning and Master planning services

Size

Project - 955,286 sqm

Building - Phase I: 108,900 sqm

Phase II: 78,000 sqm

Architect

Ojanen_Chio Architects, LLP

Environmental Consultant

Herrera Environmental Consultants

Awards

ASLA Honor Award - Analysis and Planning

ASLA Northern California Chapter Honor Award - Analysis, Research, Planning and Communication