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-swales 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_Chiou 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