

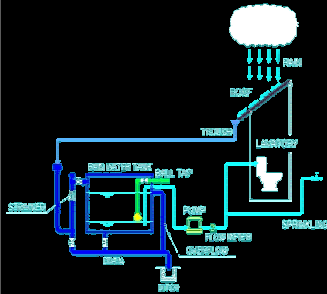
水网及雨水处理

Water Networks & Stormwater



Stormwater Infrastructure

Urban Canal Network



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Key Features

- Distinctive urban feature
- Pedestrian/ bicycle corridor
- Waterfront for development

Principles

- Natural urban water system
- Stormwater removal
- Groundwater recharge
- Increased resident mobility

Case Studies

- Suzhou (Zhouzhuang)
- Bangkok

MIT Foshan Progress Report, March 22, 2004

Traditionally, Foshan has used waterways and canals that run through the city. These waterways can play an important role in building Foshan as they can help create an identity for the city and help remove stormwater during the rainy season. When properly designed, natural waterways can have a revitalizing effect on the water, cleaning it as it runs through the canal. Purposefully weaving the canals in a strategic network can additionally play a role in resident mobility and create local transportation networks throughout the city. Chinese cities such as Zhouzhuang, Xitang, and Wuzhen have successfully incorporated water canals into their city, mainly as tourist attractions. Foshan, however, has a chance to make use of this idea in a functional, modern city. Bangkok's waterways are an example of canals that have a purposeful role in a large Asian city like Foshan.