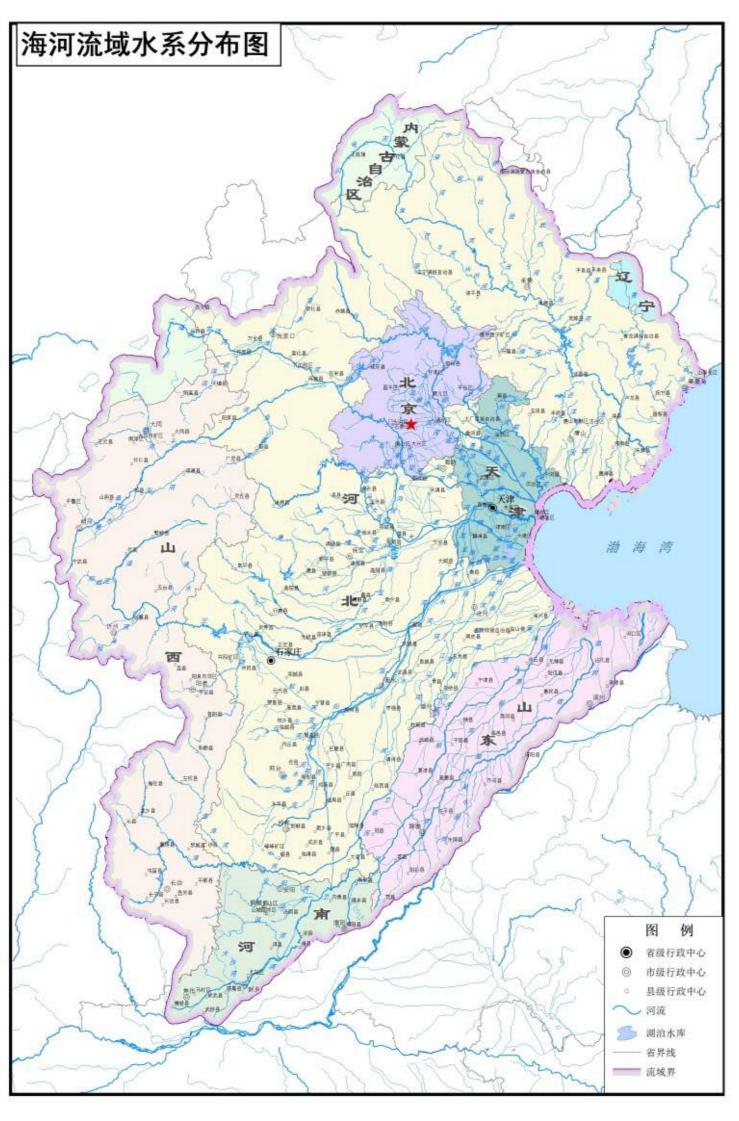
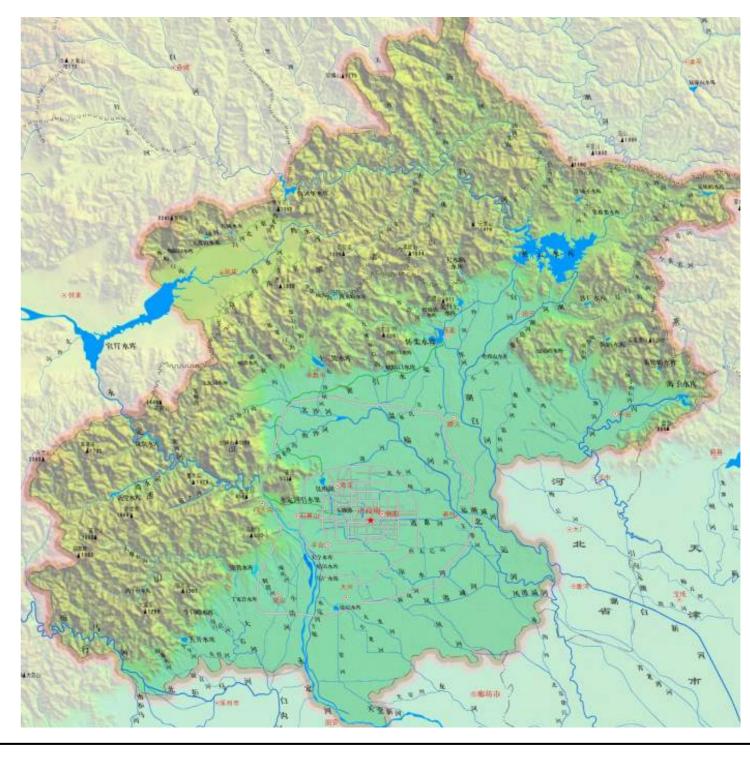
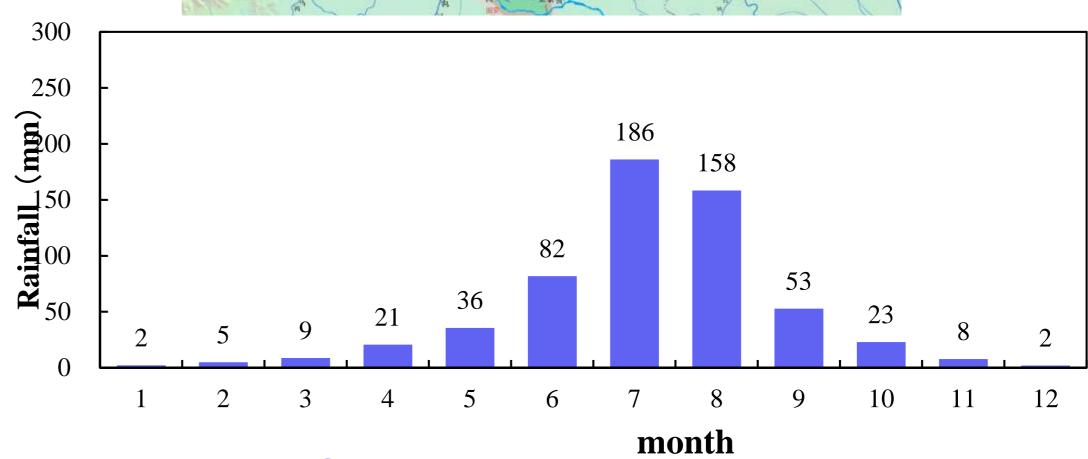
Flood Characteristics In Beijing

Rivers in Hai River Basin



Map of Beijing

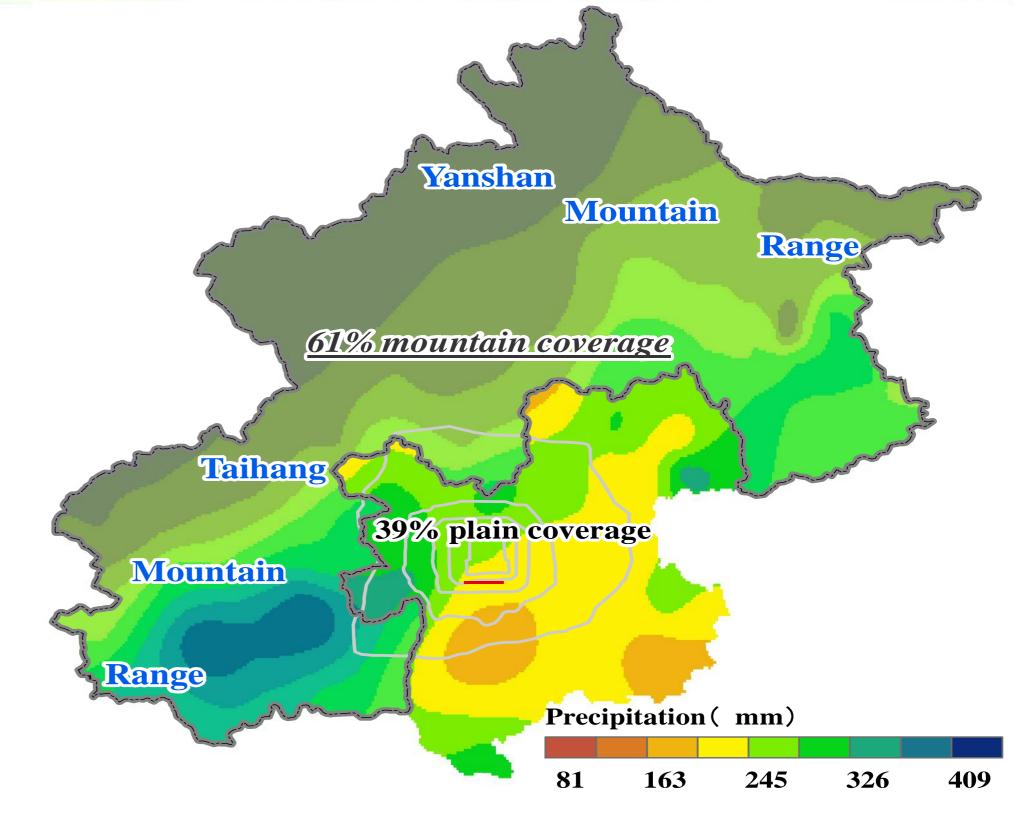




Annual precipitation in Beijing

Flood Risk

- 1. Basin floods
- 2. Urban cloudburst
- 3. Water logging





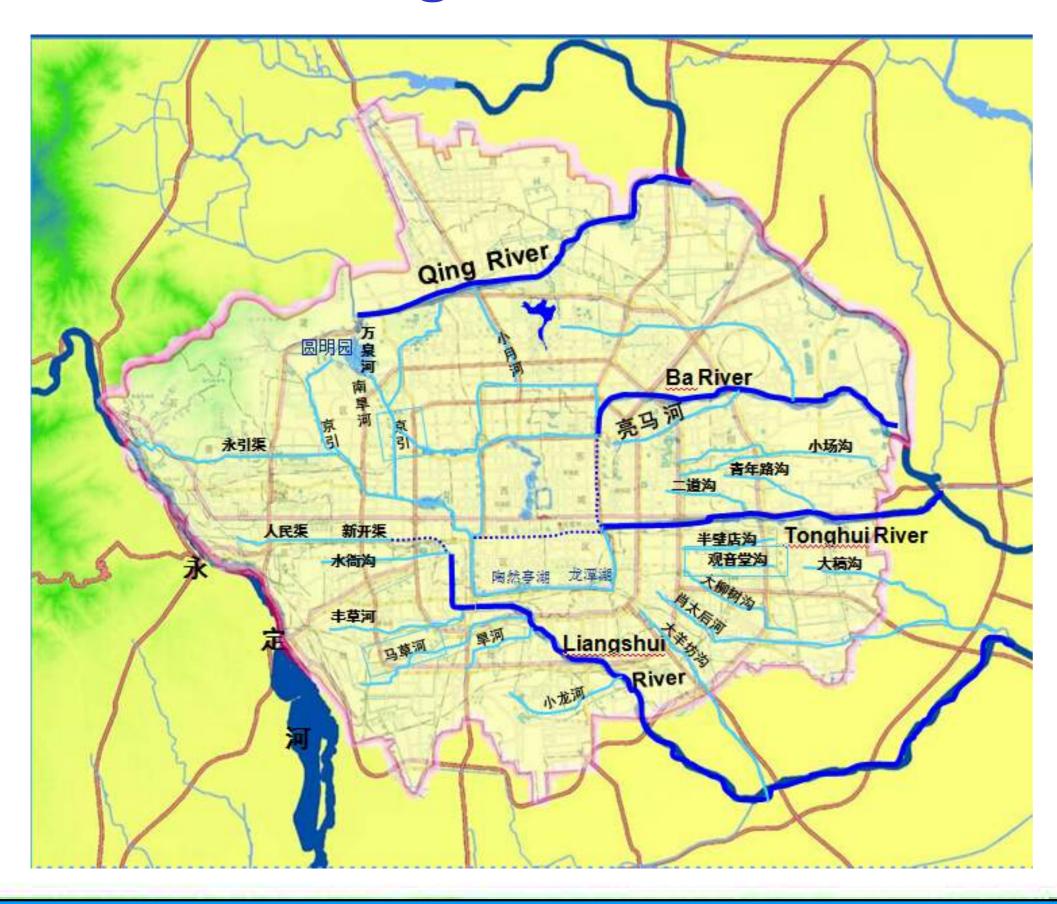


Rainfall
Distribution
on July 21, 2012

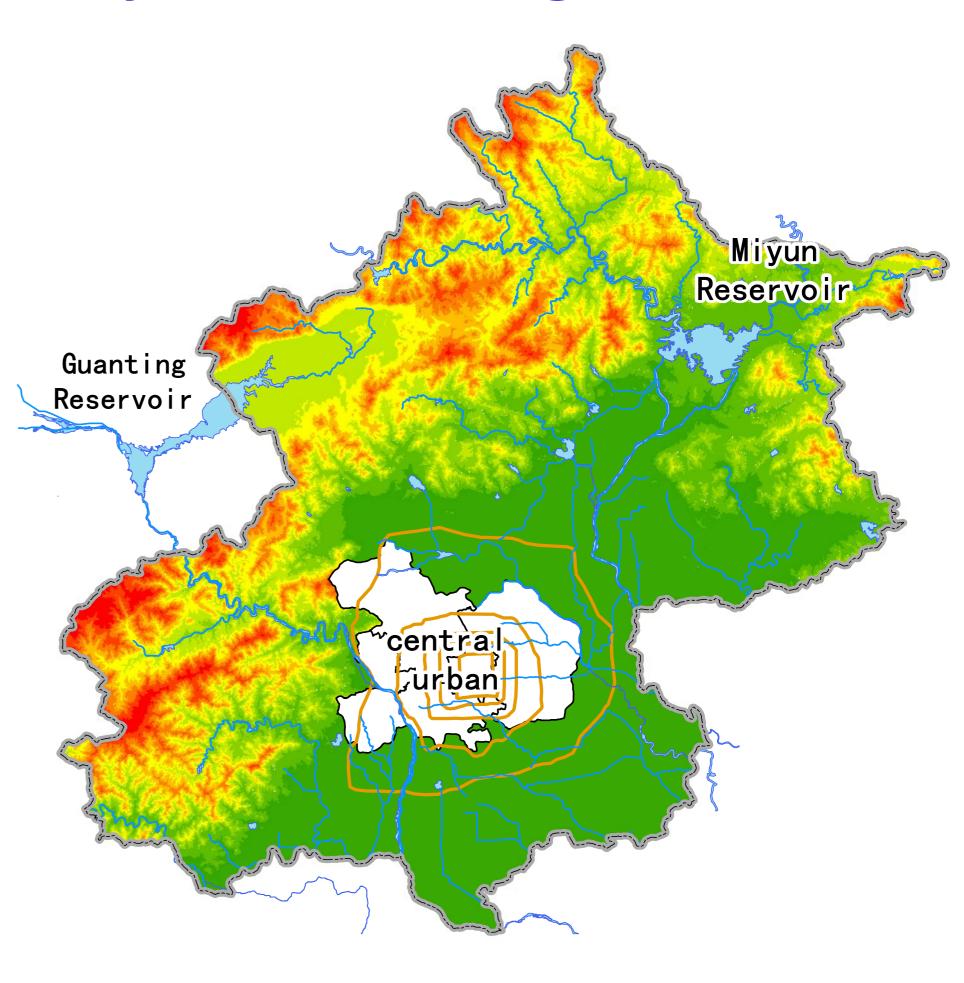
Flood Control System

- 1. 88 reservoirs
- 2. 130 rainwater pump stations
- 3. 4400 km of pipelines
- 4. flood detention areas

Urban Drainage

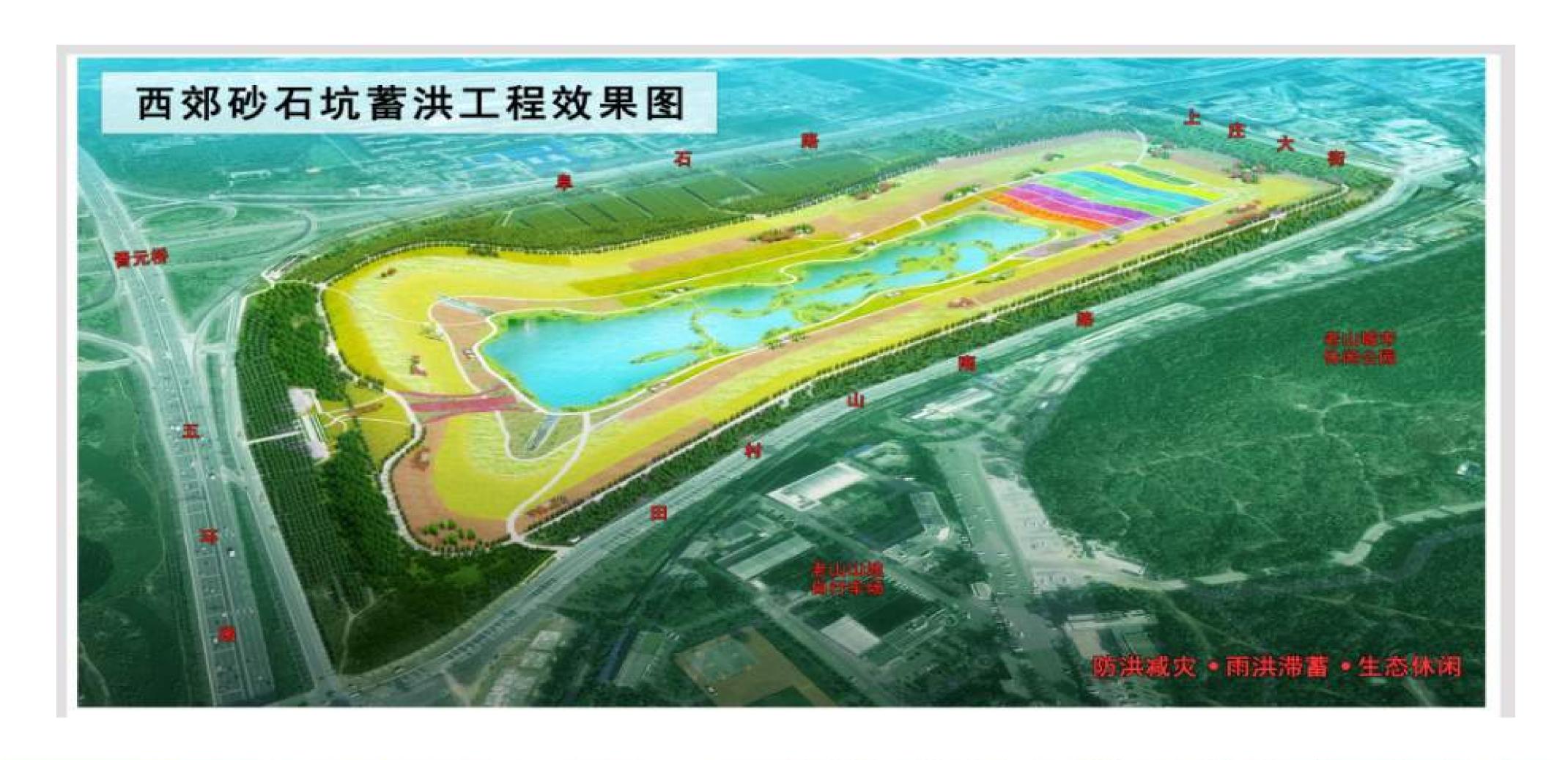


Miyun & Guanting Reservoirs



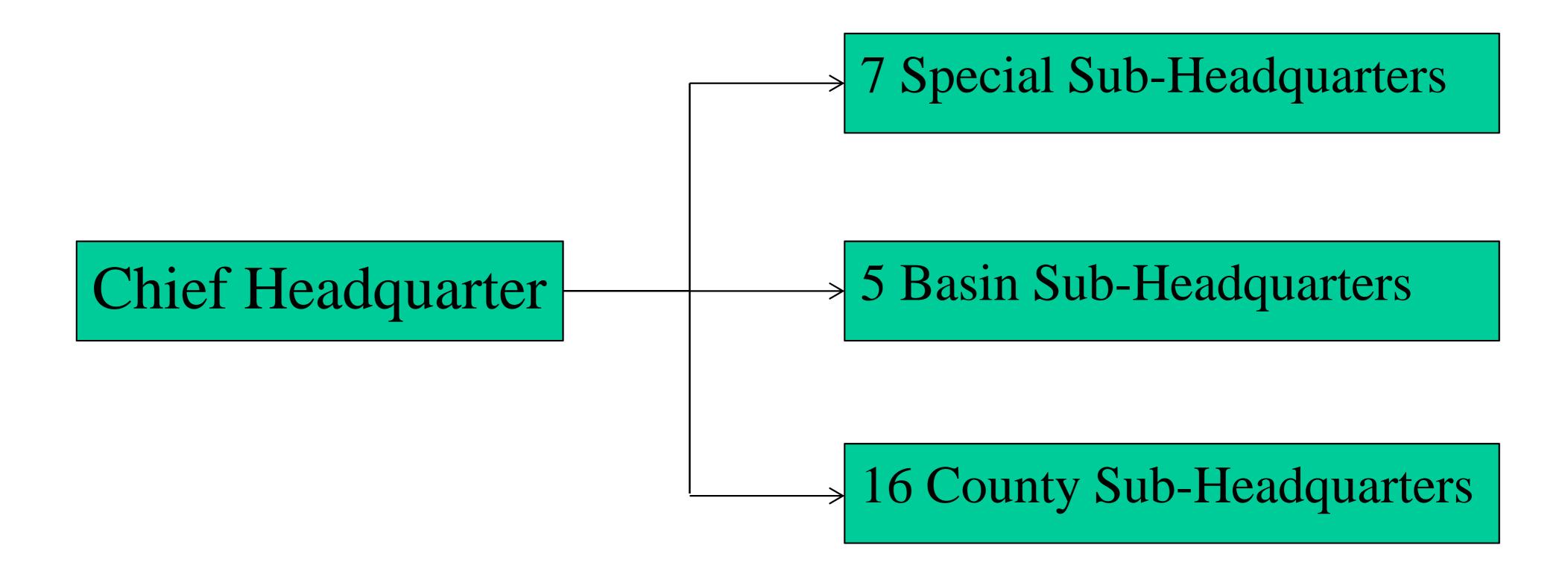
Floodwater Retention

- 1. Storage capacity of 7 million m³, harvesting floods covering 27km²
- 2. Improving ecological landscape, adding new water surface area 10ha, green area 51ha.



Lessons

- 1. The flood infrastructures lag far behind modernization
- Need to improve the mechanism of emergency management and implementation of emergency predetermined plans



Ongoing & Planning Works

