

Experiences of Systematic Governance of Flood in Ganzhou and its Enlightenment

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Background

The national 14th Five-Year Plan has made important arrangements for promoting the construction of water conservancy infrastructure, and improving flood and drought disaster prevention capabilities. The Ministry of Water Resources proposed “Improving the river basin flood control engineering system” to promote high-quality development of water conservancy. Under the background, active practices in flood control were carried out all over the country, and some useful experience were accumulated.



Basic Information

Ganzhou is located at source of the Gan river, East river and North river. Unique location and climate characteristics determine that Ganzhou is easily hit by flood disaster. The flood control in Ganzhou has a long history, one of the most outstanding ancient drainage system “Fu Shou Gou” is located here and still works today.

However, with the expansion of the central urban area and the coordinating development of urban and rural areas in recent years, pressure of flood control in Ganzhou is increasing. Against this background, Ganzhou tried to explore the “San Jiang Jiu He” flood systematic governance pattern, and strives to given a demonstration in flood control and disaster relief. Its experience may provide reference for similar areas in the country.

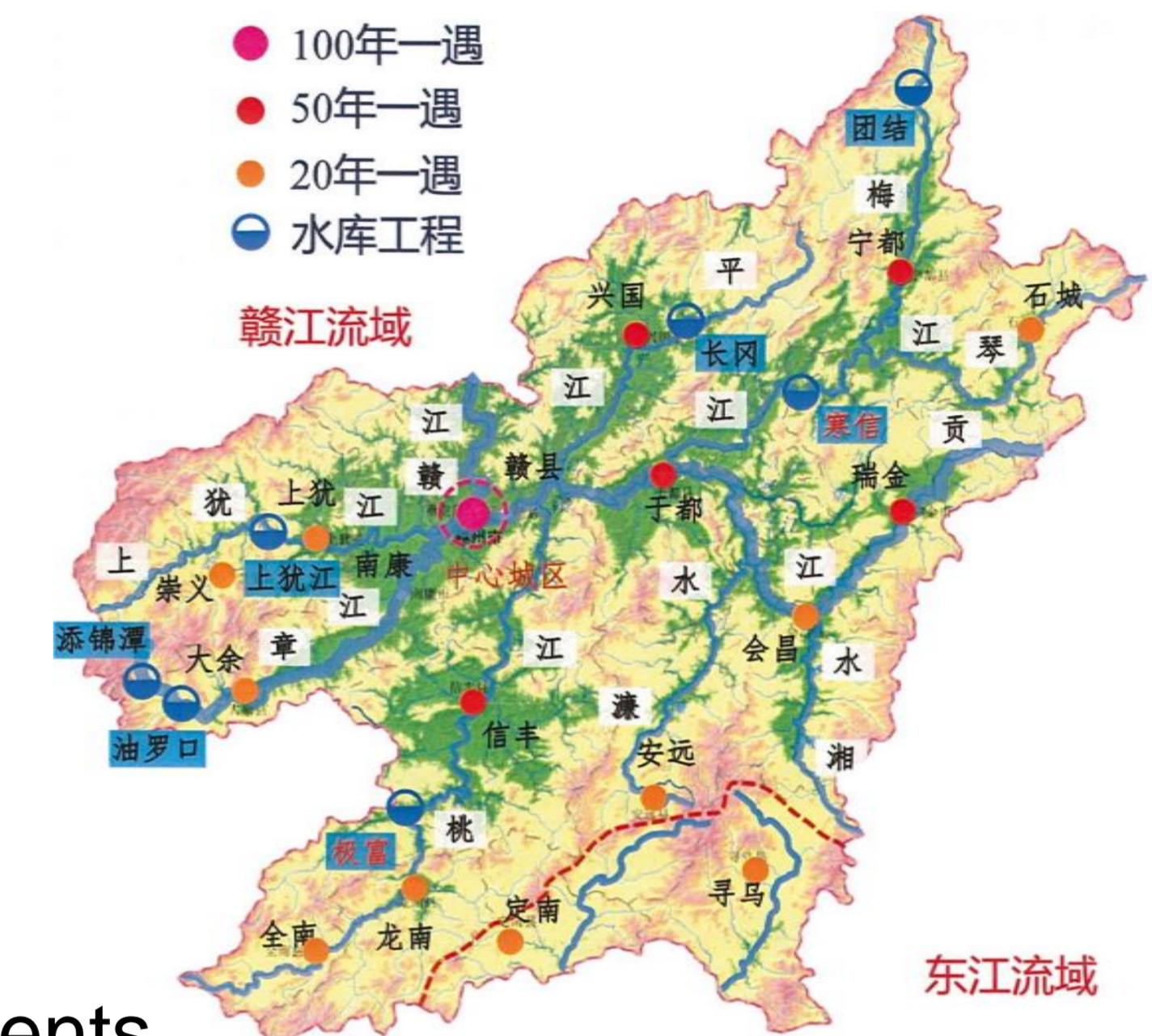
Major Experiences

1. Coordinating related plans to design the layout of urban flood control engineering system.

- Coordinating the Gan river basin flood control planning, the Gan-Yue Canal planning, the provincial water network planning, etc., Ganzhou drew up the "1+1+N" urban flood control planning system, and the “San jiang jiu he” defensive layout of flood control was initially established.
- The newly built Hanxin Reservoir in Mei rive, combined with embankments construction, will raised the flood control standards of Yudu and Ningdu counties to 50-year-flood.
- In the Tao River, Jifu Reservoir will be built and the embankments and reservoirs system will be improved, to raise the flood control standard of Xinfeng County to 50-year-flood.

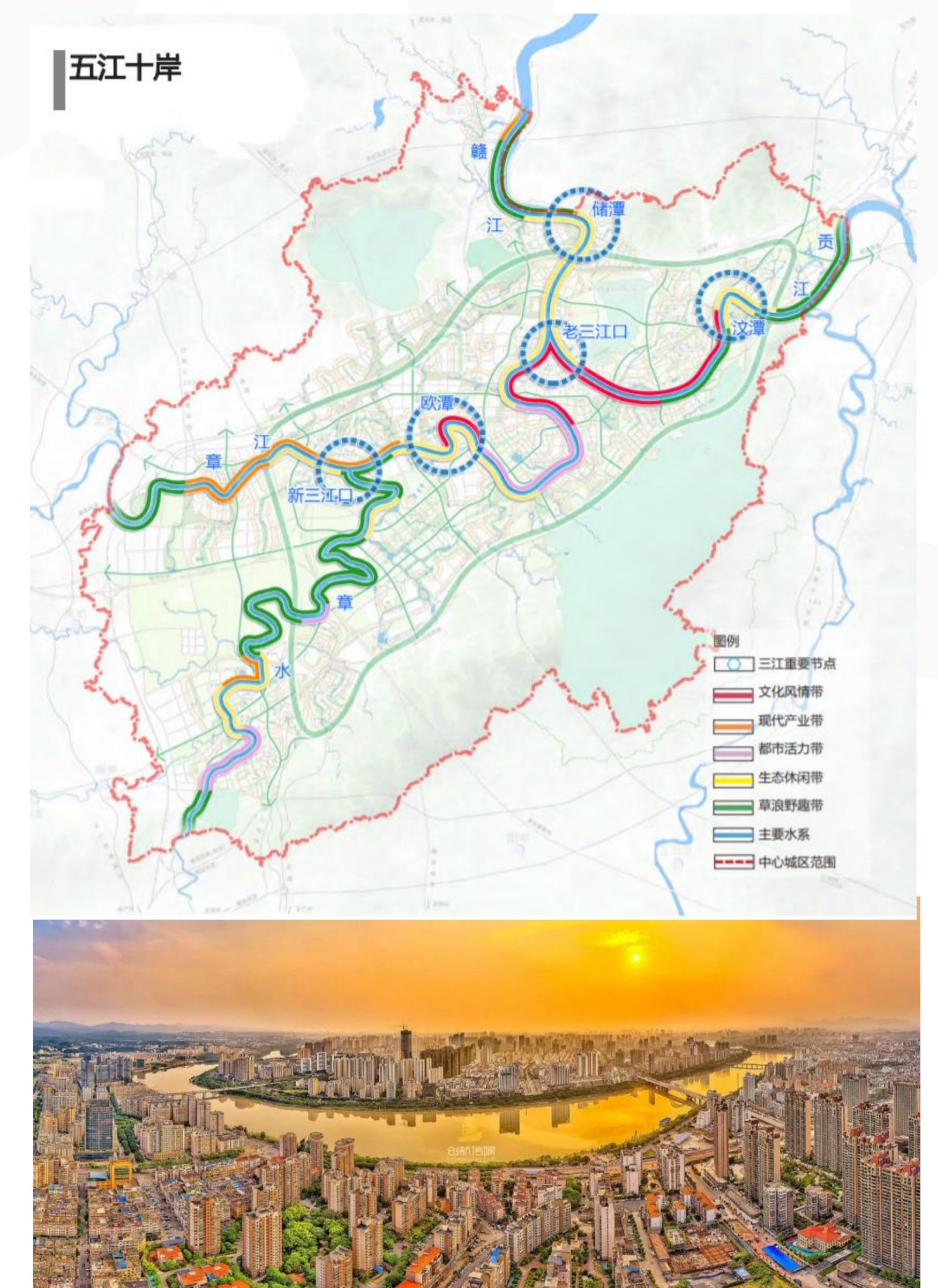
Major Experiences

- In the Gong River, Major tributaries and small rivers training works will be implemented to raise the flood control standards in Ruijin and Xingguo counties to 50-year-flood.
- The Shangyou river, Zhang river, Dong river and other river basins will make full use of upstream reservoir and improve the embankments to raise the flood control capacity of downstream counties to 20-years.
- With the help of the Hanxin and Jifu reservoir, the central city will implement the “Wu Jiang Shi An” project, raising the flood control standard to 100-year-flood.



2. Integrating ecological characteristics to constructing the “Wu Jiang Shi An” scenery line.

- Ganzhou has implemented of the “San Jiang Liu An” flood control improvement and ecological remediation project, with the accelerating of “Wu Jiang Shi An” project implementation, Ganzhou will build a riverside ecological coastline with compound functions. The green ecological corridor covering the Gan River, Zhang River, Gong River, Shangyou River will improving the urban flood control capacity, expanding the waterway, and comfort people’s life.



3. Combing cultural element to creating a “non-waterlogging” city.

- In the construction of the urban flood control and drainage system, Ganzhou creatively integrated of the existing and planned flood control facilities with ancient cultural elements. The “Fushou Gou” project has added to the national water conservancy heritage list, and “Fushou Gou” museums was built. With inheritance and development of the ancient water-control culture, Ganzhou is tring to establish the new city card of "non-waterlogging" in the new era.

Enlightenment

- Grasping strategic opportunities and give priority to consolidating the foundation of flood disaster prevention and control;
- Scientific planning the layout of flood control engineering system;
- Coordinating and cooperating of all related departments;
- Combining ecological and cultural advantages to achieve multiple benefits.