

Session of Water Disaster Management
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Coping with Flood Disasters by Managing Flood in A Scientific Way

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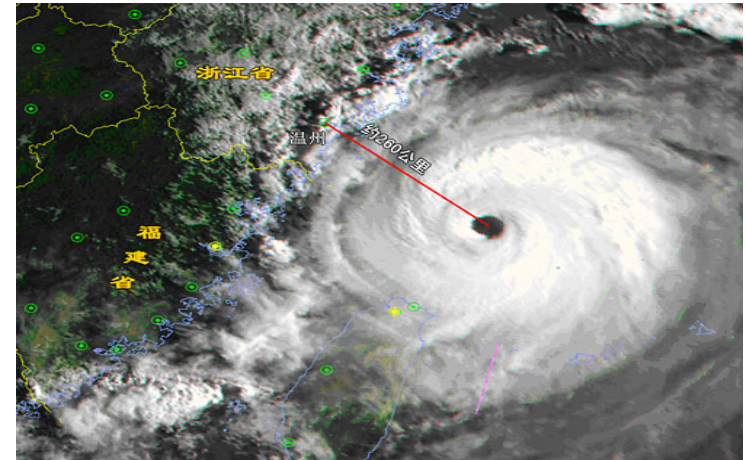
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Introduction

China frequently suffers from severe flood disasters due to the influence of monsoon climate.

- big floods in 8 years since 1990s
- 7 typhoons per annum
- 2/3 of the territory stricken by floods
- loss of 110 billion Yuan---1% of GDP



From a historical perspective, flood defense and control has always been the top priority of the Chinese Government. Since 1949, great efforts have been made in river harnessing and flood control.



Strategic Adjustment

The Chinese Government has summarized its historical experience, and adjusted the strategy of flood control

- appropriately handling the relationship between human beings and flood and giving more space for floodwater are key strategies for flood defense.
- The strategy are implemented in all sectors of socio-economic development.
- The strategy is not only followed during flood period, but also serve as a guideline throughout the year.

Concrete Measures

Firstly, to build a comprehensive flood control system.

- Most major tributaries and small rivers are still vulnerable to floods due to the lack of engineering works and flood storage and detention basins. The coverage of flood control system will be further expanded .
- The non-structural measures including flood forecasting and monitoring system will be further upgraded.



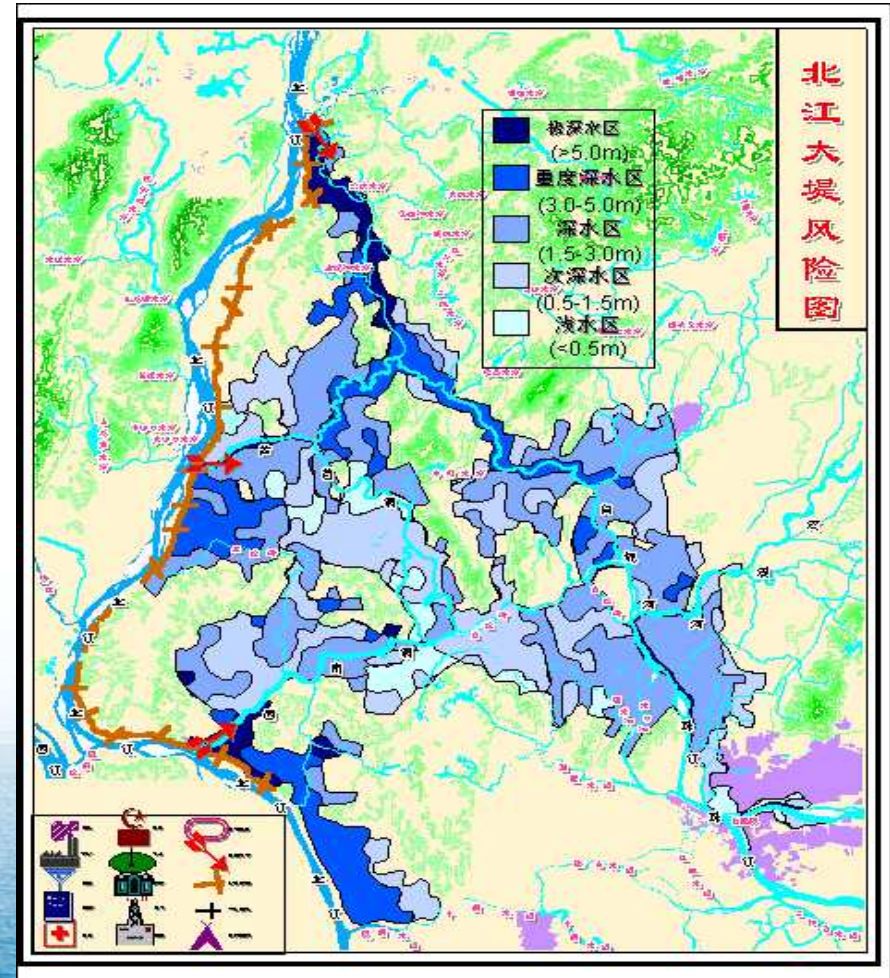
Secondly, to regulate human activities.

- Socio-economic development should be compatible with the requirement of flood defense.
- Adjusting Industrial & agricultural layout to prevent flood passage being encroached upon.
- Converting farmland to forest and lakes in eroded or claimed areas to curb sedimentation and provide more space for flood storage.



Thirdly, to implement risk management.

- Establishing systems of flood risk control, compensation, insurance and social security assistance.
- Mitigate flood risks until acceptable to the carrying capacity of economy and society.



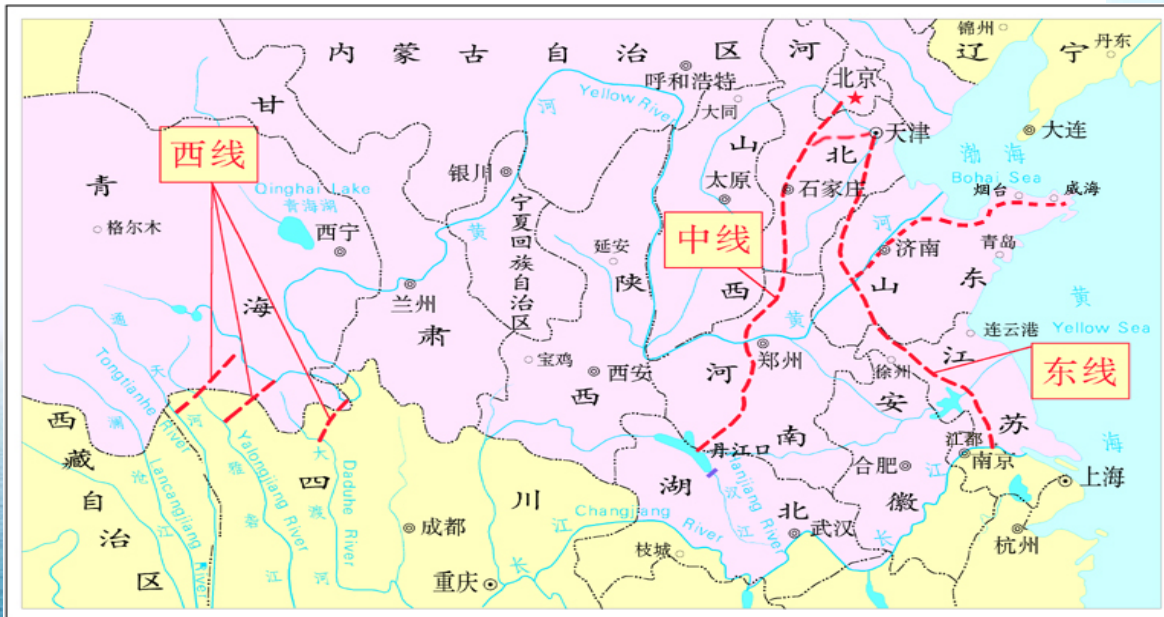
Fourthly, to utilize floodwater resources.

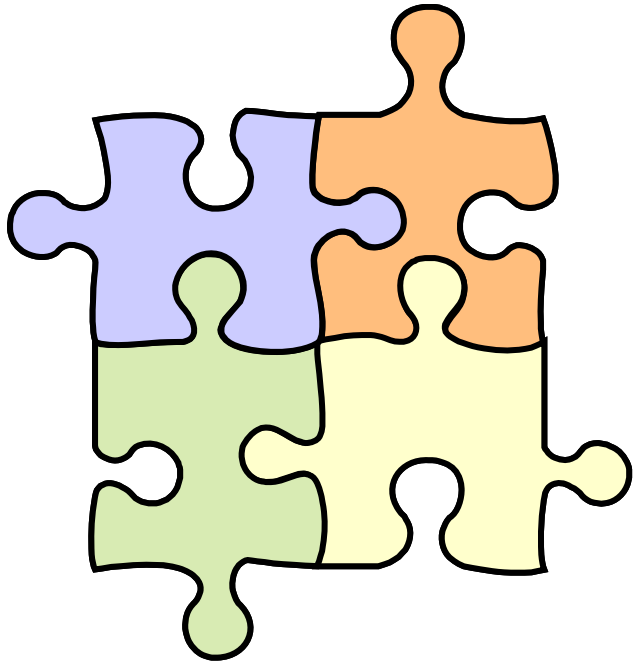
- Floodwater resources account for 70% of China's water resources.
- The utilization of floodwater is essential for making up the perennial shortage of water.



Fifthly, to optimize flood defense measures.

- Plan, develop and construct water projects in a scientific manner.
- Optimize floodwater regulation and allocate water resources in time and space.
- Improve and rehabilitate ecosystem.





Sixthly, to encourage public participation.

- Involve all walks of life in flood defense and disaster mitigation

- Tackling flood disaster and implementing flood management is a long-term strategic task.
- Appropriately coping with the relationship between human beings and water for the harmony between man and nature is the key for sustainable development.
- Asia-Pacific countries should join hands and endeavor to mitigate disaster losses for the prosperity of the region.





Thank you!