

Integrated Yellow River Basin Management in China

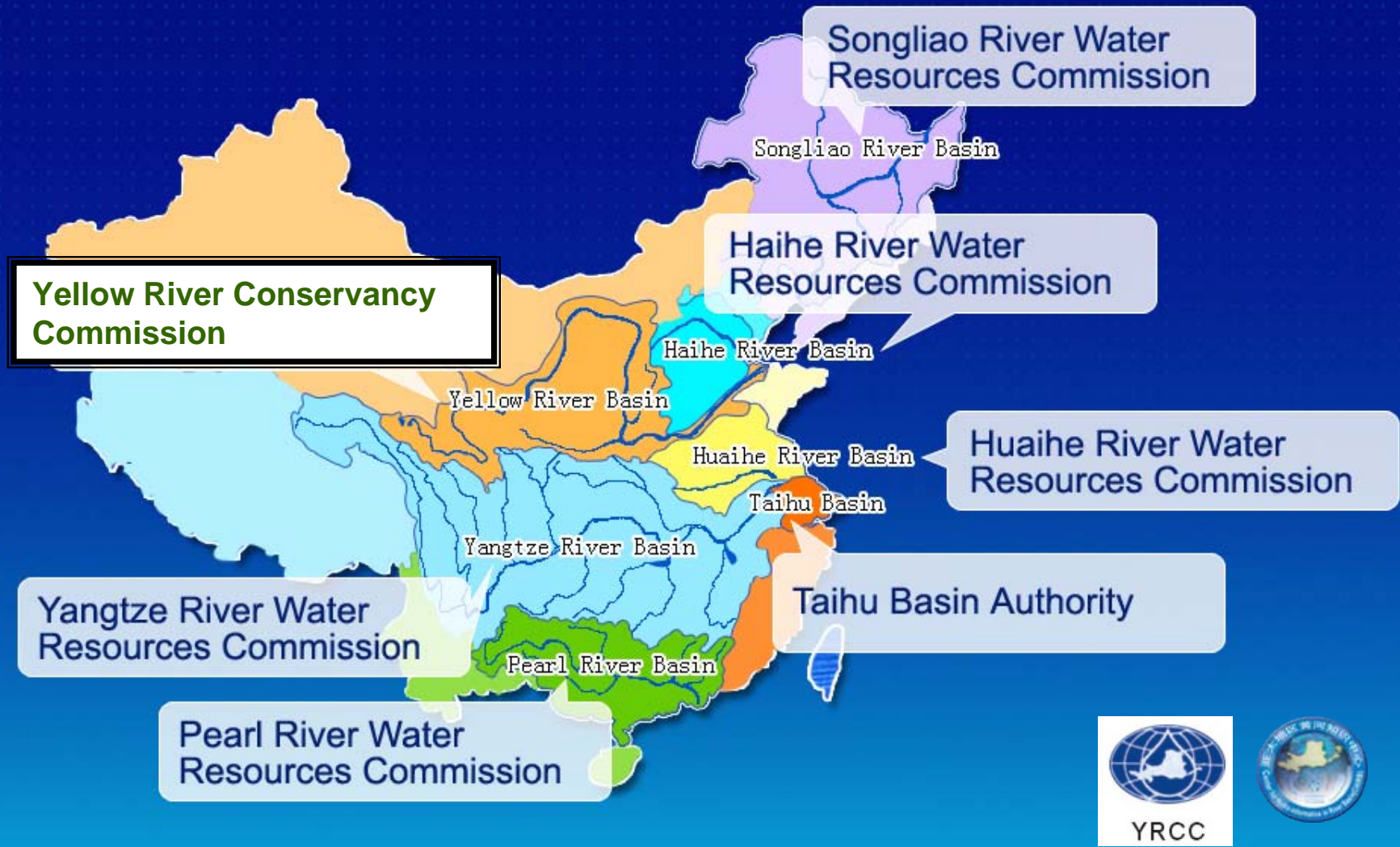
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YRCC



Introduction



Yellow River Conservancy Commission (YRCC)

- **State level River Basin Authority**
- **40,000 Staff, in which 10,000 Engineers/Scientists**
- **16 Departments and 17 Bureaus**
- Water policy/Water administration
- Public works Management
- Engineering Consulting
- Civil Construction
- Hydraulic research
- Hydrology and Water quality

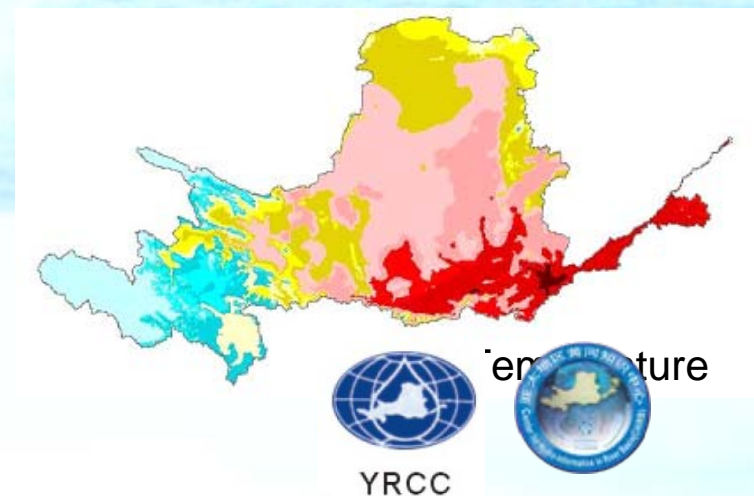
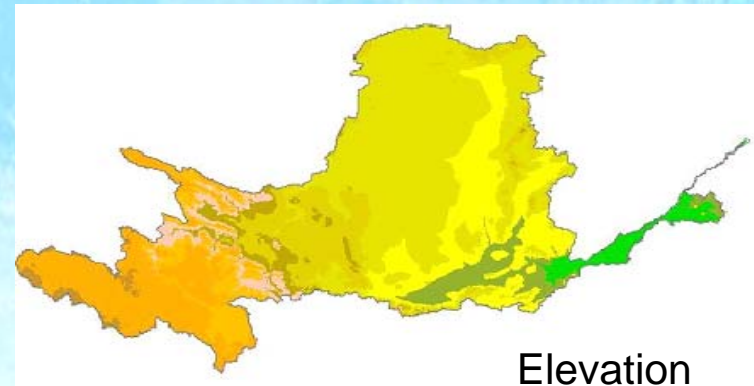
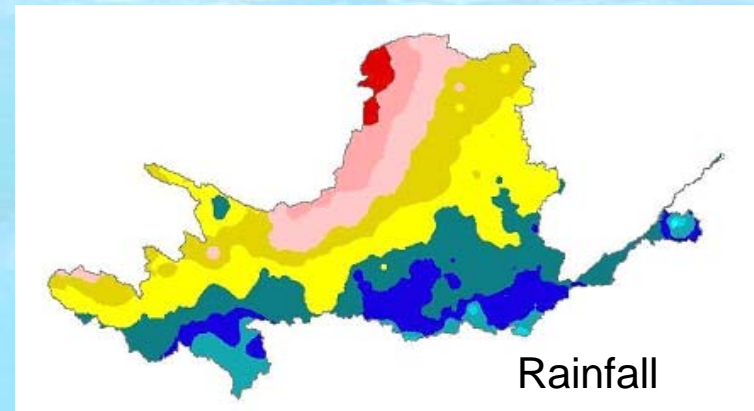
Water Governance

- Flood Management
- Soil Erosion Control
- Water Pollution Control
- Environmental Flow



Yellow River Basin

Location	Northern China
Total Length	5,464 Km
Drainage Area	795,000 Km ²
Population	156 million
Annual Rainfall	476 mm
Potential Annual Evaporation	1,100 mm
Average Annual Runoff	58 billion m ³
Average annual precipitation	452 mm
Average annual sediment load	1.6 billion t
Sediment concentration	35 kg/m ³
Groundwater	11 billion m ³



Water Governance in Yellow River Basin

- Legislation
- Administration
- Technical measures
- Economic Measures
- Public Participation



Water governance in Yellow River Basin

- Legislation

State level

- Water Law
- Flood Control Law
- Law on Water and Soil Conservation
- Law on the Prevention and Control of Water Pollution

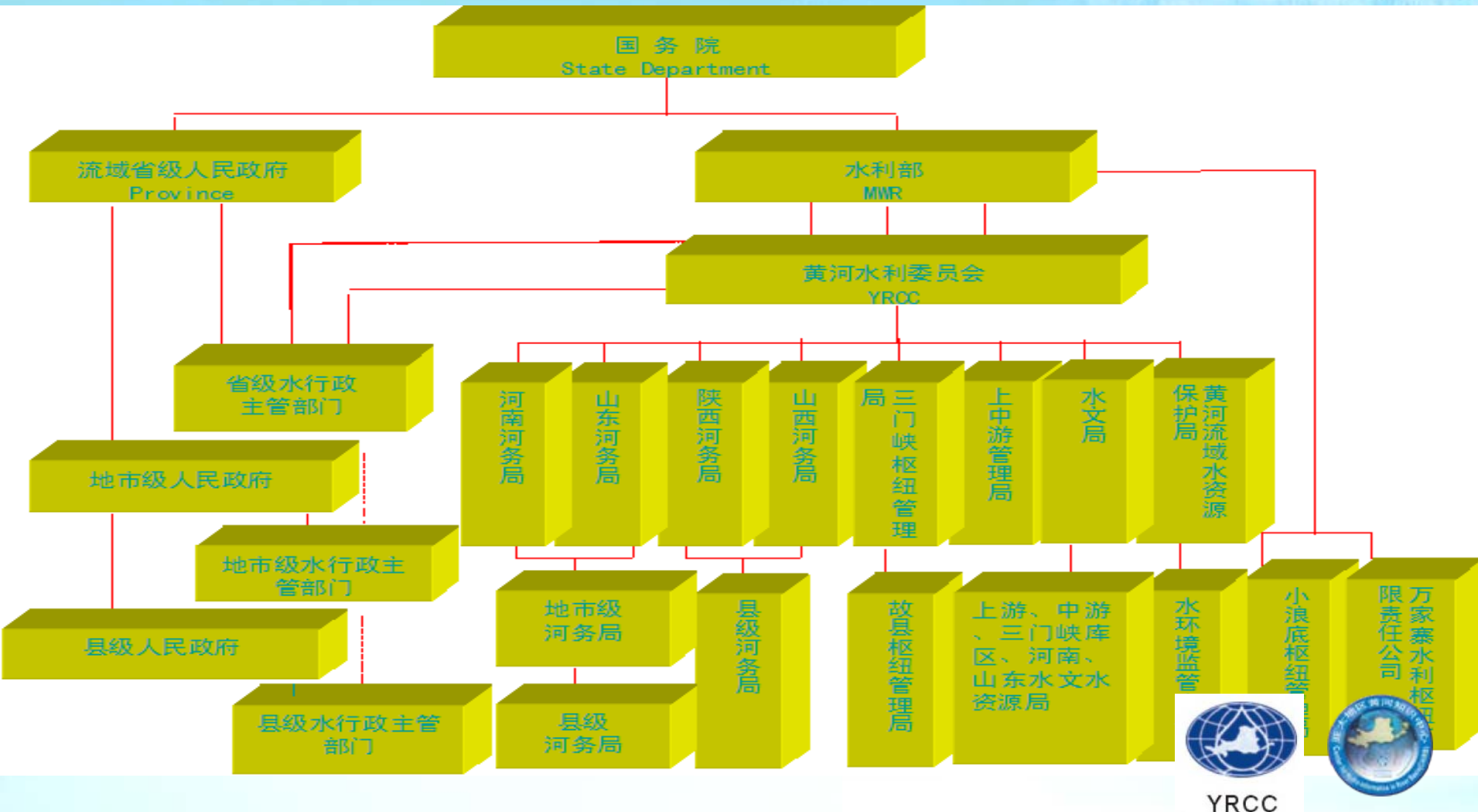
Rules / Regulations for Yellow River

- Yellow River Water Quota Allocation in 1987
- Yellow River Water Allocation Management Rules in 1998
- Yellow River Water Allocation Regulation in 2006
- Details on Yellow River Water Allocation Regulation Implementation in 2007
- Yellow River Law is under preparation



Water governance in Yellow River Basin

- Administration



Water governance in Yellow River Basin

Technical measures:

- Structures: reservoir, dike...
- Established flood control and decision making system
- Established water allocation management information system
- Established water quality monitoring system
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Water governance in Yellow River Basin

- Economic Measures
 - Water Pricing
 - Water Right Transfer and Water Market
 - Water Saving Policy
 - Water Resources Fee



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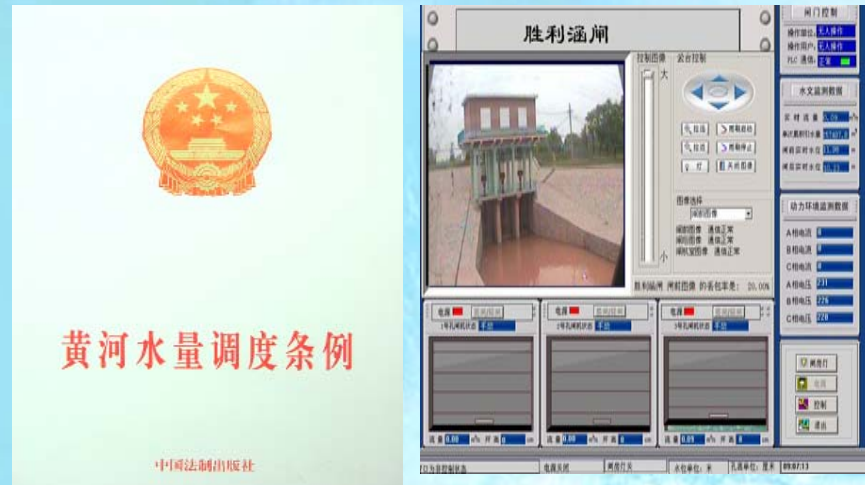
Water governance in Yellow River Basin

- Public participation
- Consulting meeting
- Global Water Partnership-Yellow River
- International Yellow River Forum
- Knowledge Hubs



Water Allocation in the Yellow River

- Established water allocation and regulation department in YRCC
- Issued Yellow River Water Allocation Regulation etc.
- Established water allocation management information system
- Started pilot project of water right transfer
- Established transparent consulting system



Achievements

For: **10 years no running dry**
Ecological restoration
Water quality improvement
social-economic sustainability



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