

## Project implementation report

# TA 9374-PRC: Supporting the Application of River Chief System for Ecological Protection in Yangtze River Economic Belt



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# 1 River Chief System (RCS) in China

## ● Why RCS?

multi-department management + sub-regional management ; lack of cross-sectoral and cross-regional coordination and cooperation ; low efficiency in river protection and management ; serious water pollution and ecological damage problem

## ● What's RCS

The heads of the Party and government responsible for river management

six major tasks : water resources protection, water area and shoreline management, water pollution prevention and control, water environment treatment, and water ecology restoration, law enforcement and supervision.

## ● Time schedule

At the end of 2016, begin to implement the river system throughout the country.

by the end of 2018 , establishment of RCS at the provincial, municipal, county, township and village levels.

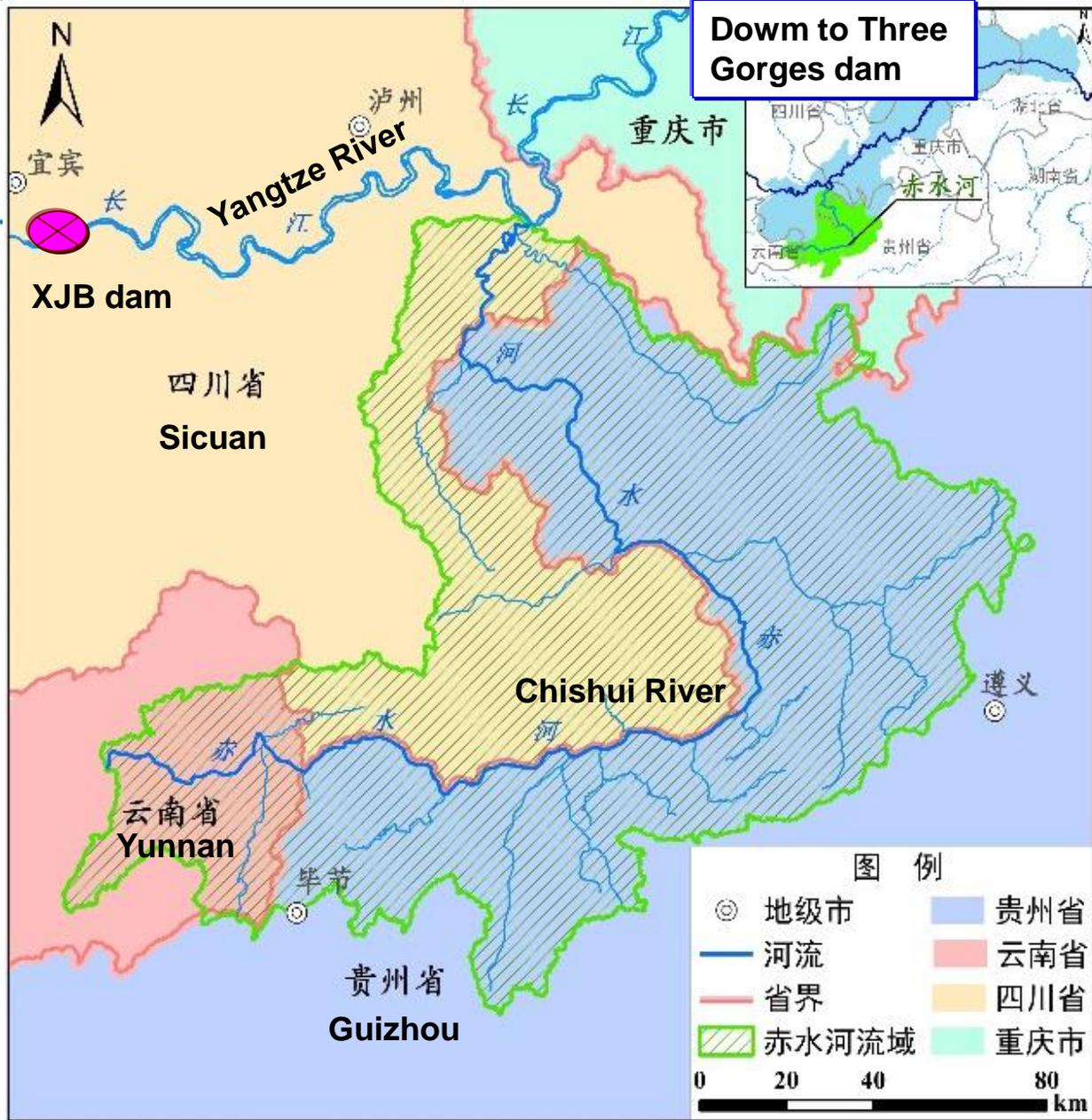


## 2 About Chishui River

- The only tributary: Free flowing, unregulated, no dams
- alternative habitat (National Nature Reserve)
- Water source of Maotai (a famous liquor in China)
- Typical transboundary river ( 3 provinces of Yunnan, Guizhou and Sicuan)
- The social and economic development is lagged behind, big contradictions between development and protection
- Facing new development concept: highly values ecological and environmental protection, Ecological priority, green and sustainable development

the Chishui River can serve as a good case to promote RCS and can provide demonstration of RCS application in the Yangtze River Basin





- The Chishui River basin (Shadow area)



# 3 basic information of the project

TA 9374-PRC was approved by Asia Development Bank (ADB) in September 2017. The executing agency (EA) is Changjiang Water Resource Commission (CWRC), Ministry of the Water Resource (MWR).

Total budget : 500 thousand dollars

execution period : October 2017 to September 2019.

## Objectives

- Conclude the experience in the actualization of the RCS in the Chishui River and
- upgrade the generalization of RCS in the Yangtze River Economic Belt.
- Promote hydro-ecological safety protection and management along the Yangtze River Economic Belt.



# 4 project implementation

## ● Establish project organization

Including project management leadership group (chaired by CWRC), the project leading group, project implementation office project consultants

## ● Organize the inception meeting

On January 30 and 31, 2018,

Nearly 70 people, who are the river chief office staff from **Guizhou, Yunnan, Sichuan provinces**, consultant experts, and relevant department heads and representatives of the member units of the Project Leading Group attended the meeting.



# 4 project implementation

## ● Conducted field survey 3 times on the Chishui River Basin

April 16 to 20, July 25 to 28, and September 3 to 7 ,2018

Visited the officials of local RCS offices and discussed the progress of RCS application in Chishui River (Yunnan, Guizhou and Sichuan);



Discussion the RSC application in Yunan (left) and Guizhou (right), September 2018



# 4 project implementation

● Carry out field monitoring and lab analysis test.

8 controlled river sections;

monitoring index:

water resource (including water level, flow rate, sediment),

water quality (including WT, pH, DO, TN, TP, chlorophyll)

water ecology (including benthos, plankton)



# 5 Main findings

## 5.1 Current situation of RCS

- The three provinces have established RCS. Yunnan Province the city-level RCS; Guizhou Province city-level RCS.
- Compile “One river one strategy” for every river or river reaches
- protection actions : prohibit sand mining in river channels; banning cage fish culture , setting up livestock prohibited breeding areas; transforming agricultural planting structures; and establishing river basin ecological compensation mechanism.



### 贵州省河长公示牌

河流名称		赤水河	河流长度	299千米
河流起点		贵州省毕节市七星关区林口镇的鸡鸣三省革命纪念馆地		
河流终点		赤水市金沙办事处处的鲢鱼溪		
河流流经地	市(州)	县(市、区)		
	毕节市 遵义市	七星关区 金沙县 播州区 仁怀市 习水县 赤水市		
水功能区		现状水质(类)	水质目标(类)	
赤水河滇黔川缓冲区		II	II	
长江上游珍稀、特有鱼类自然保护区		II	II	
赤水河黔川缓冲区		II	III	

河长 职责	省级河长负责指导、协调所辖河流(河段、湖泊、水库)管理保护工作, 指导下级河长和省直有关部门履行职务。市(自治州)、县(市、区)河长负责组织实施河流(河段、湖泊、水库)管理保护具体工作, 整治突出问题, 重点解决河湖水资源保护、水域岸线管理保护、水污染防治、水环境治理、水生态修复和执法监管等实际问题, 检查督促下级河长和相关部门履行职务。乡(镇)、村级河长具体负责辖区赤水河河段的管理、保护和日常巡查、保洁等工作。			
	水功能区水质达到目标要求, 河道范围内无污水直排, 水域无障碍, 堤防无损毁, 河道无淤塞, 河面无垃圾, 绿化无破坏, 沿岸无违建, 维护赤水河“美酒河、英雄河、美丽河”的健康生命, 实现水清、岸绿、河畅、景美。			

五级河长	姓名	职务	责任单位	管理范围
贵州省	王富玉	贵州省政协主席	贵州省发展和改革委员会	赤水河贵州河段
遵义市	徐光华	遵义市政协主席	遵义市发展和改革委员会	赤水河遵义市河段
仁怀市	杨 杰	仁怀市政协主席	仁怀市发改局	赤水河仁怀市河段
	陈家平	仁怀市政协副主席		
茅台镇	罗小军	茅台镇镇长		赤水河茅台镇河段
河滨社区	许丙华	河滨社区党支部书记	河滨社区主任	赤水河河滨社区河段
	朱春会	河滨社区主任		



赤水河流域水系示意图



监督电话: 0851-22235708      贵州省河长制办公室 制

2017年6月 立



# 5 Main findings

## 5.2 Existing problems

- There are no river chiefs above the provincial level, and the management coordination of inter-provincial rivers is still insufficient. It is necessary for River Basin authorities (CWRC) to play the role of coordination, guidance, supervision and monitoring.
- The local governments in the three provinces don't have enough funds for river protection and treatment. The central government need to provide more funds to support RCS work of Chishui River in combination with poverty alleviation plan.



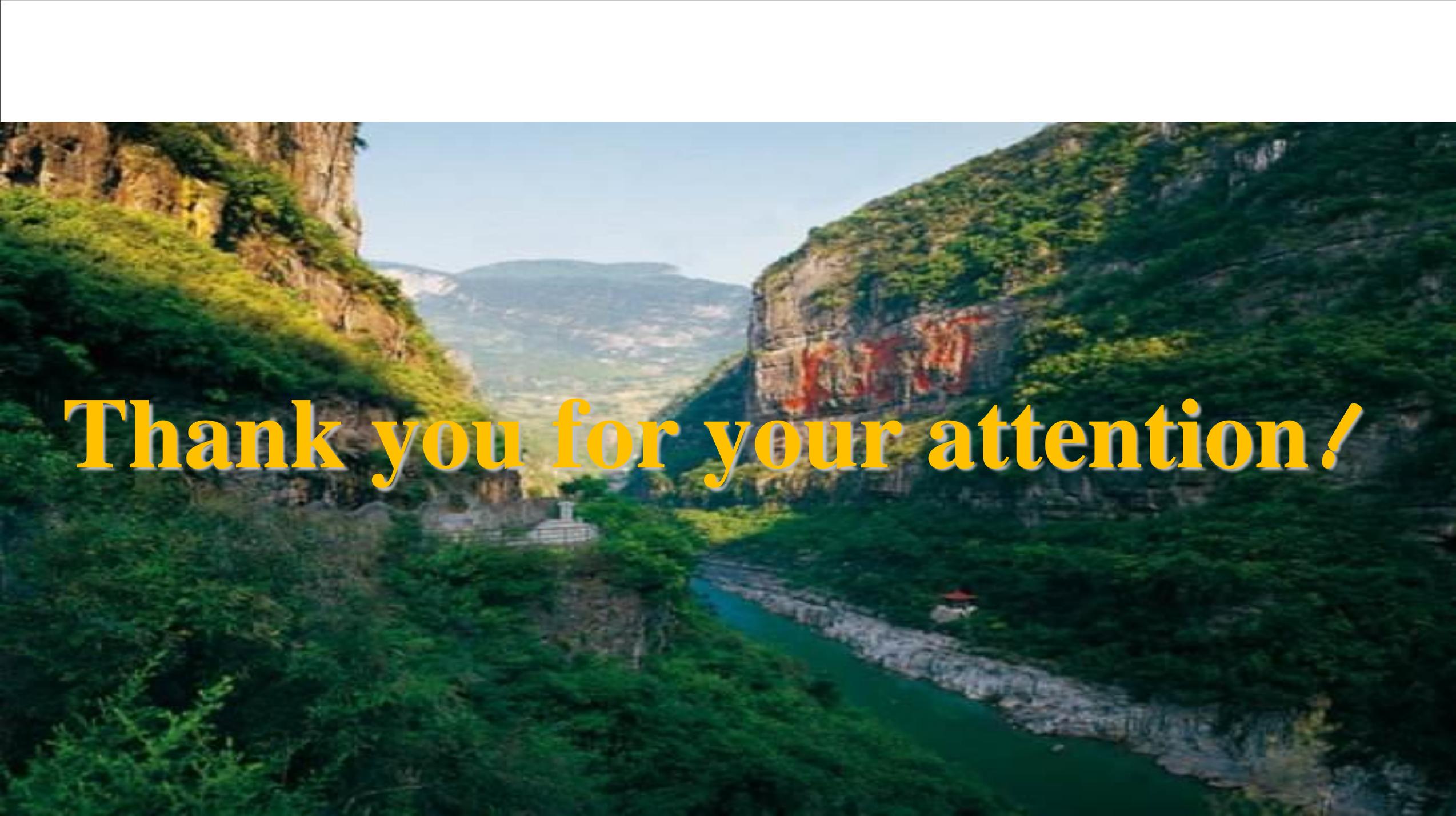
# 6 Future works

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- Study monitoring index system and methods used to assess the effectiveness of RCS.
- Put forward recommendations for improving coordination between RCS and comprehensive river basin management.

Ultimate objective: Promote RCS and improve hydro-ecological safety protection and management along the Yangtze River Economic Belt.





**Thank you for your attention!**