



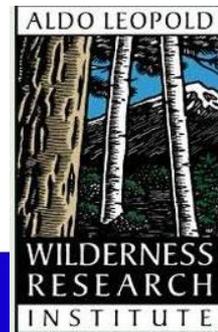
China's River Chiefs and Other Protected River Systems in the World

中国河长制与 世界河流保护地体系

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1. China's River Chiefs

2. Protected River Systems of the world

3. Protected River System of China

1. China's River Chiefs

中共中央办公厅

厅字〔2016〕42号

中共中央办公厅 国务院办公厅印发 《关于全面推行河长制的意见》的通知

各省、自治区、直辖市党委和人民政府，中央和国家机关各部委，解放军各大单位、中央军委机关各部门，各人民团体：

《关于全面推行河长制的意见》已经中央领导同志同意，现印发给你们，请结合实际认真贯彻落实。

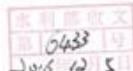
中共中央办公厅

国务院办公厅

2016年11月28日

(此件公开发布)

— 1 —



RIVER KEEPERS HANDBOOK

A Guide to Protecting Rivers and Catchments in Southern Africa



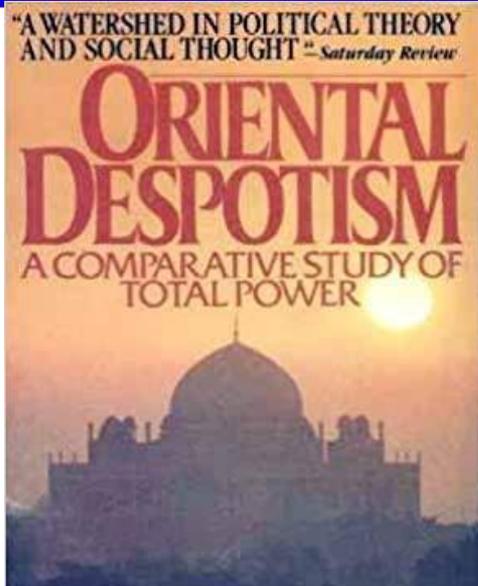
International Rivers Network

River leader;

River chief;

River keeper

1. China's River Chiefs



Hydraulic
project

Hydraulic
society

Hydraulic
state

Total
power

RESEARCH

TECHNICAL COMMENT

ARCHAEOLOGY

Comment on “Outburst flood at 1920 BCE supports historicity of China’s Great Flood and the Xia dynasty”

Wenxiang Wu, Junhu Dai, Yang Zhou, Quansheng Ge*

Wu *et al.* (Reports, 5 August 2016, p. 579) reported geological and archaeological evidence about an earthquake-induced landslide dam outburst flood around 1920 BCE and claimed a support to the historicity of China’s legendary Great Flood and Xia dynasty. We argue that the physical evidence is unreliable and their arguments are unconvincing.

It has been challenging to prove the historicity of the semimythological narratives of the Great Flood and the Xia dynasty in the absence of contemporary textual evidence. Wu *et al.* (1) presented physical evidence about an outburst flood around 1920 BCE and claimed verifications to the authenticity of these historical

rated, and others rested on the dwelling floors instead of being lain face down or prostrate (4). These burial features cannot be explained by the flooding burial scenarios. Their reconstructed high-energy overflowing floodwater with a water level more than 10 m above the Lajia settlements and sweeping for at least 8 hours over the already

the writing and calendrical systems required for absolute, precise, and consistent measurements of time with a uniform temporal unit; and (iii) chronological information in value-laden societies are subject to distortions, inadvertently or deliberately, during the long process of oral transmission and/or textual transcription (8–10). China’s writing and calendrical systems were not firmly established until the late Shang period (~1300 to 1046 BCE), more than half a millennium after the Great Flood (10). Thus the exactness of the 22 years was inevitably subject to high-level uncertainties in the initial collective memorization and subsequent various transmitting errors (10).

Third, Wu *et al.* overlooked two important topographical factors in mitigating the putative flood effects. The Yellow River runs through several vast low-lying alluvial plains such as the Yinchuan and Hetao Plains, where much floodwater could easily overflow the low natural levees and be released away. The Xia people mainly inhabited the topographically transitional zone between the Loess Plateau in the west and the vast low-lying alluvial plains in the east (11). This area comprises low mountains, loess tablelands, and rolling hills with a general altitude higher than its eastern counterparts. The putative floodwaters would have been quickly dissipated, unlikely leading to a 22-year

1. China's River Chiefs



4 SHARES



NOW READING

How China's 'river chiefs' are cleaning up the co

How China's 'river chiefs' are cleaning up the country's polluted waterways

A pilot 'river chief' scheme is being rolled out nationwide, but some say it fails to address the underlying causes of pollution

PUBLISHED : Wednesday, 20 September, 2017, 10:01am

UPDATED : Wednesday, 20 September, 2017, 10:11am

ARTICLES ▾ LEARNING HUB COMMUNITY ▾



Tackling China's water pollution

GOVERNANCE | WATER QUALITY

October 9th, 2017

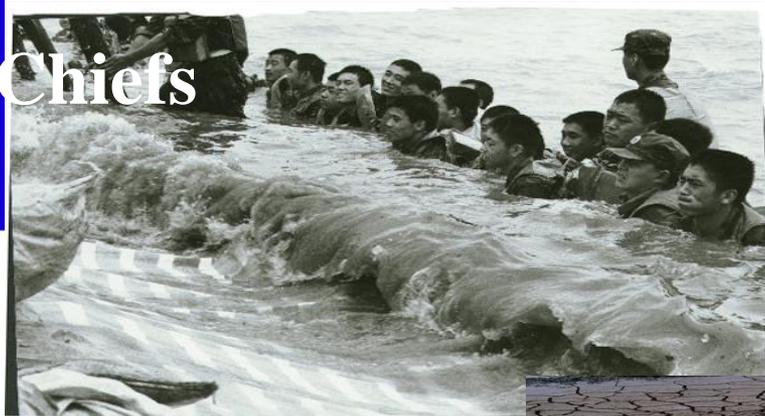
Prof. Michael Webber, University of Melbourne, Australia

China's water pollution problems are both serious and widespread. Officials monitor the quality of surface water at 12,226 sites across the country. According to the [Institute of Public and Environmental Affairs](#) - a Beijing-based NGO - of these sites, just 35% have water of good quality, another 32% are suitable for water supply, 20% are suitable for industrial or agricultural use - but not for human contact - and 13% are useless. Even in Shanghai, one of China's richest, most environmentally-aware and modern cities, 52 out of 65 monitoring sites have water not suitable for human contact.



1. China's River Chiefs

➤洪水威胁：水多
water is too much



➤水资源短缺：水少
water is too little



➤水体污染：水脏
water is too dirty



➤水土流失：水浑
water is too mixed



中共长兴县委办公室 (通知)

县委办〔2005〕34号

中共长兴县委办公室 长兴县人民政府办公室
关于调整城区环境卫生责任区和路长地段、
建立里弄长制和河长制并进一步明确
工作职责的通知

各乡镇党委、政府，县级机关各部门：

【签订洱海保护治理目标责任书】 11月15日，中共大理州委、州人民政府与大理市委、市人民政府、洱源县县委、县政府以及州级环保、建设、农业、林业、水利、工商、交通、国土资源8个部门签订了《洱海保护治理目标责任书》。责任书确保了洱海保护由“一把手亲自抓、负总责”的原则，将责任目标层层分解，建立责任目标抵押金制度和保护洱海领导政绩考核一票否决制度，对规定时限完不成治理保护任务的领导不提拔、不重用；全面完成任务的则给予重奖。《洱海保护治理目标责任书》制定的目标是：到2006年，大理州将建成较为完善的洱海保护治理体系，确保洱海水质恢复到Ⅲ类水，力争接近Ⅱ类水。

180

中共无锡市委文件

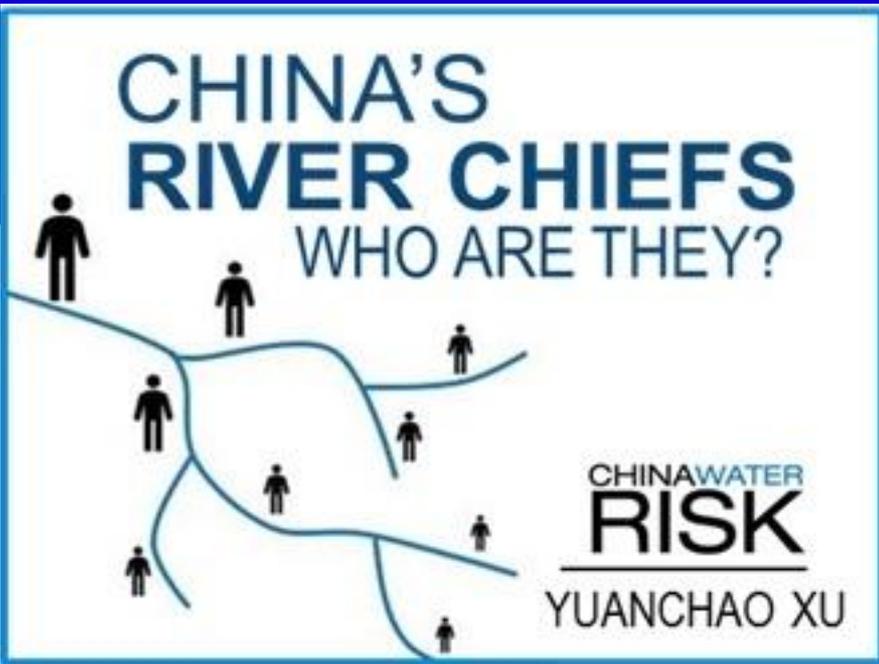
锡委发〔2008〕55号



中共无锡市委 无锡市人民政府
关于全面建立“河（湖、库、荡、**汊**）长制”
全面加强河（湖、库、荡、**汊**）
综合整治和管理的决定

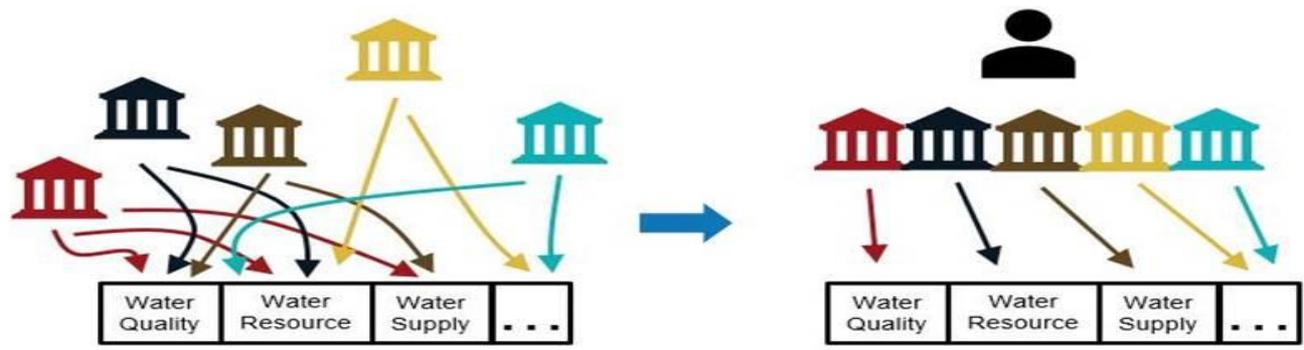
1. China's River Chiefs





Chien, Shih-Shen, and Dong-Li Hong. "River leaders in China: party-state hierarchy and transboundary governance." *Political Geography* 62 (2018): 58-67.

River chief as a coordinator of different departments



Source: *China Water Risk*
© China Water Risk 2017

1. China's River Chiefs

- **River chief:**

- **Domination**

- **Power +**

- **Pollution control**

- **Ecological restoration**




街道办事处
河长公示牌

公示牌编号: aaa

河道名称:	河	街道第一河长:	街道党工委书记
河道起点:	11号院	街道河长:	街道办事处主任
河道终点:	路	社区河长:	社区党支部书记
河道长度:	米	社区巡河员:	社区工作人员
河长职责:	负责水资源保护、水域岸线管理、水污染防治、水环境治理、水生态修复、执法监管等工作,组织对侵占河道、围垦河湖、超标排污、堆放垃圾、损毁堤岸、破坏航道等突出问题依法整治,协调上下游、左右岸实行联防联控等。		
管护目标:	2017年,全面推行河长制,建成街道、社区河长体系。 2018年,抓好一河一策方案实施,全面实施截污治污,雨污分流工程,展开小流域生态综合治理。 2019年,环境质量得到阶段性改善,实现"十三五"水环境质量目标。		
监督电话:	街道监督电话: aaaaaa 社区监督电话: aaaaaa		

加强河湖保护与管理
推进水生态文明建设


市 区
办 事 处


街道办事处
河长公示牌

河流位置图



河简介

百度搜索

加强河湖保护与管理
推进水生态文明建设


市 区
办 事 处


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1. China's River Chiefs

2. Protected River Systems of the world

3. Protected River System of China

2. Protected River System of the world



Restoration of Aquatic Ecosystems

Science, Technology, and Public Policy

Committee on Restoration of Aquatic Ecosystems:
Science, Technology, and Public Policy
Water Science and Technology Board
Commission on Geosciences, Environment, and Resources
National Research Council

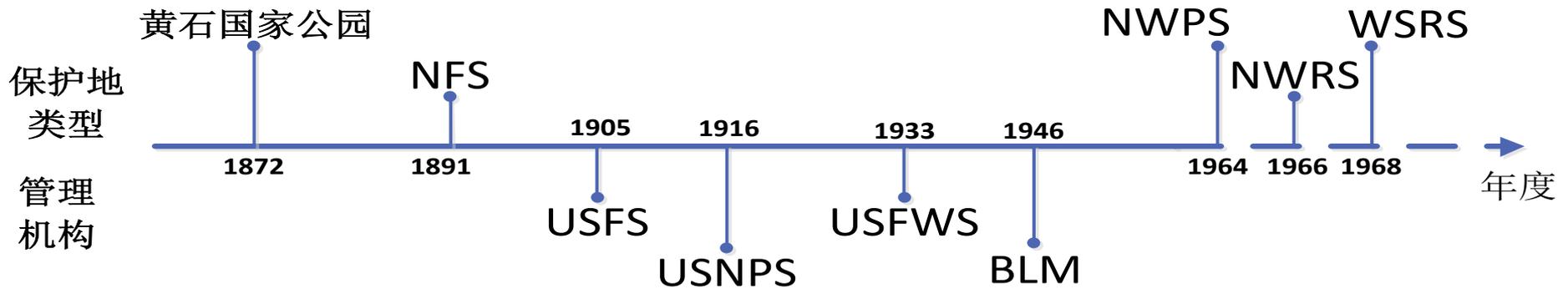
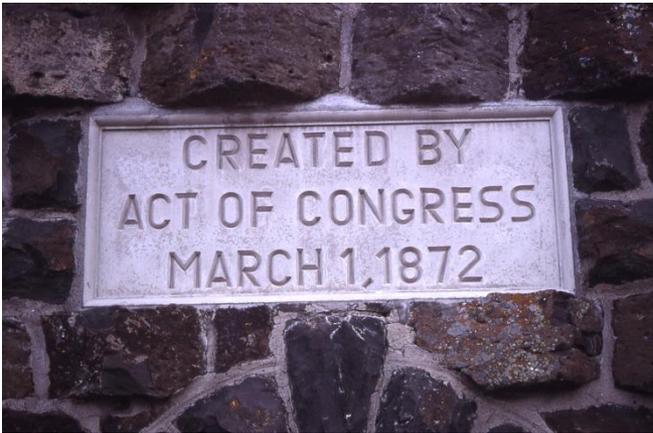
NATIONAL ACADEMY PRESS
Washington, D.C. 1992

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- Water quality improvement alone, in the absence of a systematic attempt to recreate a fluvial system's diverse and abundant wildlife and plant communities, is not necessarily equivalent to, or sufficient for, restoration.

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2. Protected River Systems of the world



2. Protected River Systems of the world



2. Protected River Systems of the world

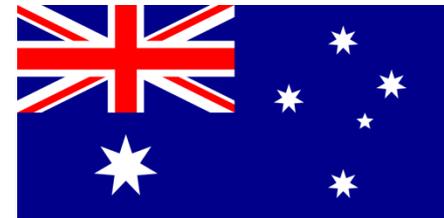
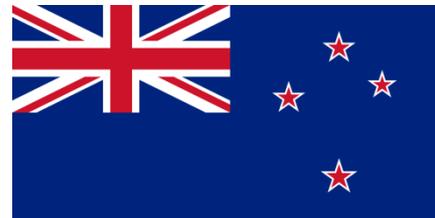


1968, United States, WSRS, The Wild and Scenic Rivers System

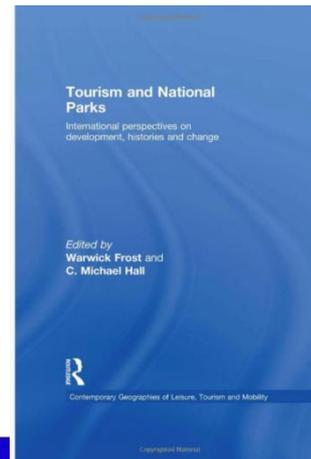
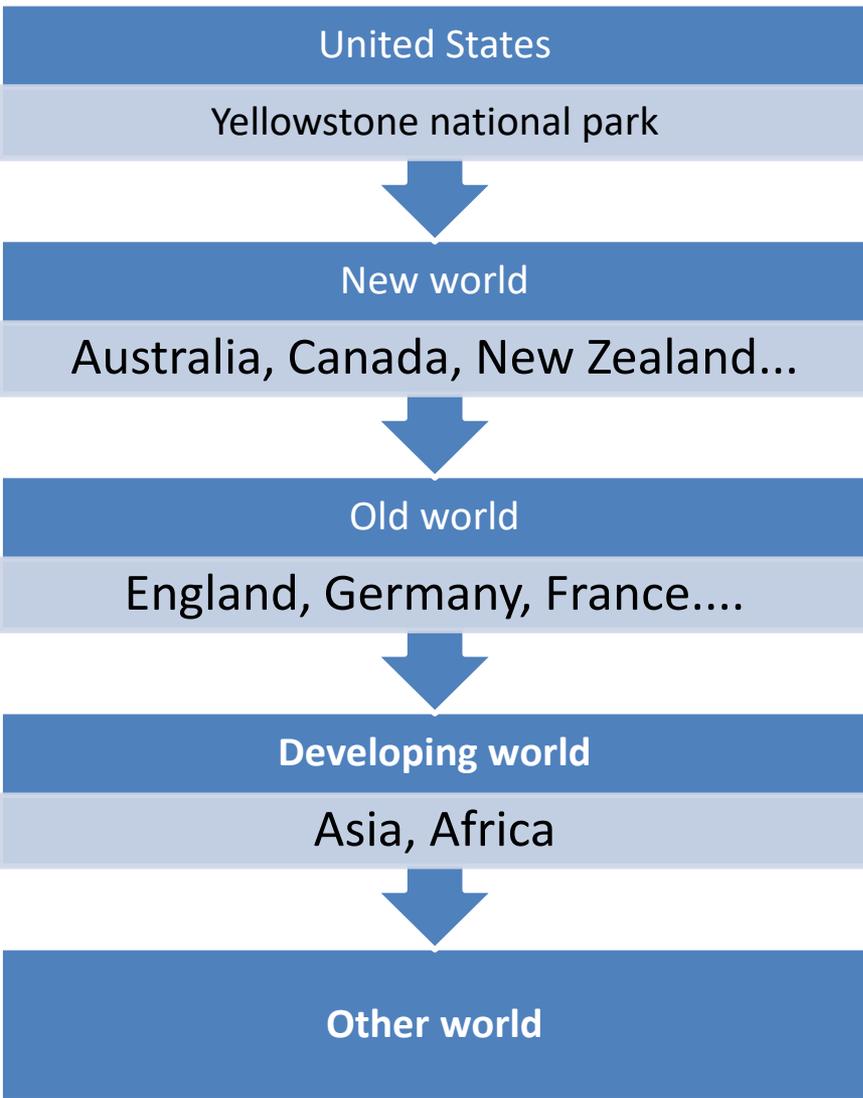
1984, Canada, CHRS, The Canadian Heritage Rivers System

1984, New Zealand, Wild and Scenic Rivers System

1993, Australia, Wild Rivers System



2. Protected River Systems of the world



2. Protected River Systems of the world



- **River protected system:**
- Governance
- Law + Conservation + Public participatic
- Governance without interfering with the natural rules.
- 无为而治。



2. Protected River Systems of the world



Protected river system:

of the **people**, by the **people**, for the **people**



content



1. China's River Chiefs

2. Protected River Systems of the world

3. Protected River System of China

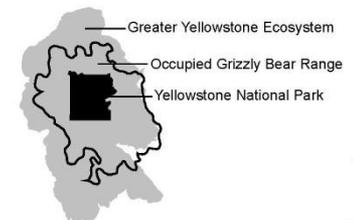
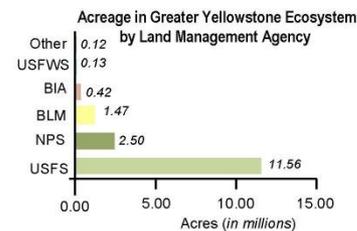
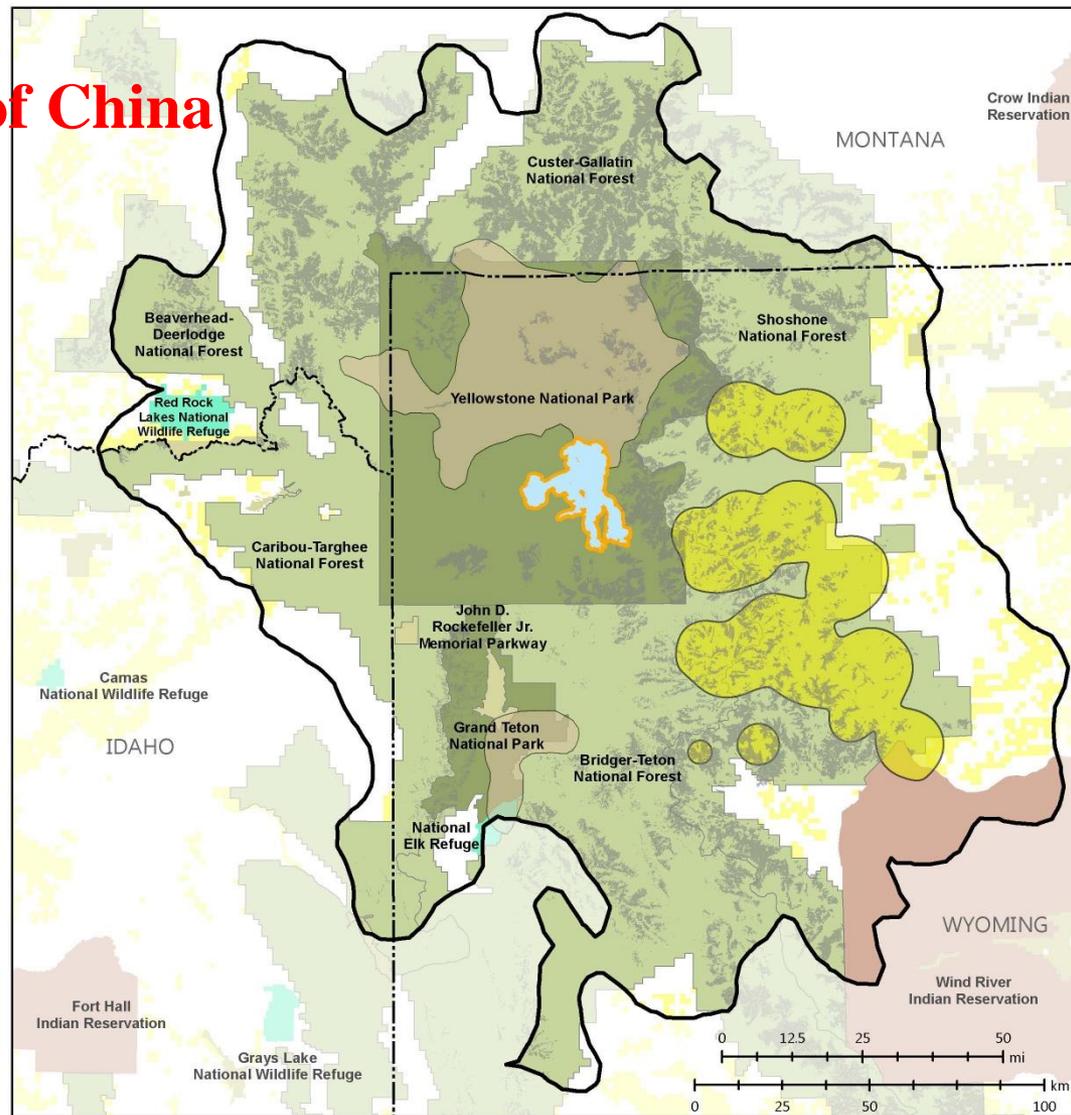
3. Protected River System of China

In the field of nature reserves, the U.S. has many good ideas, not just national parks system.

There are also,

National Forests,
MUSY,
Land ethics,
Community of life,
Wilderness,
WSRS,

○ ○ ○



3. Protected River System of China

- The relationship between people and water in China is too long, too magical, too complicated.
- The dragon is the rule of the river.
- Dragon shows people and water relations.
- The dragon (LONG) “龙” is the totem of the Chinese nation.
- 文化——龙的传人
- (Culture -- the descendant of the dragon)
- 政治(political)——龙袍加身
- 权力(power)——九龙治水
- 信仰(religion)——龙王爷





3. Protected River System of China



There are many “national parks” in China, including deserts, wetlands, mines, but no rivers;

These “national parks” are not approved by the Congress, but they are approved by different department.

3. Protected River System of China

In 2014, we first proposed the idea of "China's first national river" in Sichuan; In 2016, we compiled the Sichuan River Lake Park Plan; In 2015, 2016 Sichuan province has submitted a proposal about "National river" to People's Congress. In 2018; we participated in "the River & Lake Park local standards" in Sichuan;



四川省水利厅
四川省发展和改革委员会
四川省环境保护厅
四川省旅游发展委员会

文件

川水函[2016]1435号

四川省水利厅 四川省发展和改革委员会
四川省环境保护厅 四川省旅游发展委员会
关于印发《四川省水利风景区(河湖公园)建设发展规划(2016年-2025年)》的通知

各市(州)水务局、发展改革委、环境保护局、旅游局(委):

《四川省水利风景区(河湖公园)建设发展规划(2016年-

ICS 12.020
Z 84

DB51

四川省地方标准

DB51/T 2563—2018

四川省河湖公园评价规范

2018-07-23 发布

2018-08-01 实施



四川省质量技术监督局

发布

中华人民共和国第十二届全国人民代表大会
第三次会议代表建议、批评和意见

第 号

农业水利 资源环境 类

关于尽快启动四川省开展国家河流试点工作的建议

全国人大常委会办事机构批办意见:

单位编号	承 办 单 位	承办类别
0128	水利部	主办
0001	发改委	协办
	财政部	协办
0129	农业部	协办
0010	环境保护部	协办
0134	林业局	协办
	旅游局	协办
	扶贫办	协办
	住建部	协办

3. Protected River System of China



We hope to have our own national protected river system in China.



Thank you!

Email: leap58@yahoo.com