

## 著作类成果

### 中国水利史经典著作——《中国水利史纲要》、《中国科学技术史（水利卷）》、《京杭运河史》、《中国大运河遗产构成及价值评估》、《都江堰史》

#### 【创新性】

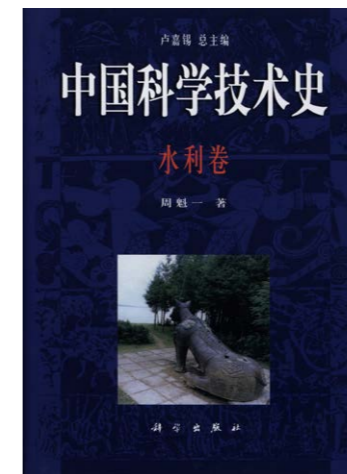
《中国水利史纲要》全面系统论述了大禹治水至 1949 年中国水利发展的脉络。提出了中国水利发展六个阶段历史框架，重点分析了防洪治河、农田水利、航运等的发展情况。《中国科学技术史（水利卷）》是中国第一部系统的水利科技史专著，全书以水利基础科学、传统技术为经纬，论述了中国古代水利科学及水利工程技术的发展。《京杭运河史》是第一部专业论述京杭运河水利工程体系及历史演变的学术专著，全面系统地叙述了京杭运河兴建、发展、衰败以及成败得失。《中国大运河遗产构成及价值评估》首次从文化遗产角度对中国大运河进行了系统研究，提出其遗产构成体系及基本特征，并评估了其遗产价值。《都江堰史》对都江堰进行了全面系统地专题研究，包括：自然与社会背景、工程沿革、工程体系、管理维护与用水等。

#### 【影响力】

《中国水利史纲要》初步确立了中国水利史研究的学科理论，奠定了中国水利史研究的基础，获国家图书一等奖。《中国科学技术史（水利卷）》是第一部从科技史角度系统研究中国古代水利的学术专著，是最具影响力的水利通史研究专著，于 2007 年获第三届郭沫若中国历史学奖三等奖。《京杭运河史》、《中国大运河遗产构成及价值评估》、《都江堰史》，是最具世界影响力古代水利工程的专题研究著作，是古代水利工程史和水利工程遗产专题研究的经典范例，为都江堰、中国大运河申报世界文化遗产提供了学术研究基础和直接支撑。

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《都江堰史》：谭徐明

受奖单位：减灾中心（水利史）



CLASSICS OF WATER RESOURCES HISTORY IN CHINA--  
THE OUTLINE OF WATER RESOURCES HISTORY IN CHINA;  
HISTORY OF SCIENCE AND TECHNOLOGY IN CHINA (WATER CONSERVANCY  
VOLUME) ;  
THE HISTORY OF THE BEIJING-HANGZHOU CANAL;  
HERITAGE COMPOSITION AND VALUE ASSESSMENT OF THE GRAND CANAL  
OF CHINA;  
THE HISTORY OF THE DUJIANGYAN IRRIGATION SYSTEM

#### 【Innovation】

< The outline of water resources history in China > expounds comprehensively and systematically Chinese water conservancy development from the Era of Dayu controlling Floods to 1949. It presents a historical framework with six-stage, emphases on the analysis of the development of flood prevention and river regulation, irrigation and drainage and shipping. < History of science and technology in China (water conservancy volume)> is the first systematic book describing Chinese water resources in science and technology history. It discusses the development of water resources science and engineering technology in ancient China on the basis of water conservancy basic sciences and traditional technologies.< The History of the Beijing-Hangzhou Canal > is the first professional academic book that expounds the water conservancy engineering system and historical evolution of the Beijing-Hangzhou Canal. It gives a systematic and comprehensive introduction to the construction, development, decline of the Beijing-Hangzhou Canal, and its successes and failures.

Main Contributor : The Essential History of Water Conservancy in China: Yao Hanyuan; Science and Technology in China (Water Conservancy Volume): Zhou Kuiyi; The History of the Beijing-Hangzhou Canal: Yao Hanyuan; Heritage Composition and Value Assessment of the Grand Canal of China : Tan Xuming, Wang Yinghua, Li Yunpeng, Deng Jun; The History of the Dujiangyan Irrigation System: Tan Xuming

Award-winning Unit : Research Center on Flood and Drought Disaster Reduction (Department of Water Resources History)

#### 【Influence】

< The outline of water resources history in China > establishes preliminarily the theory of and foundation for researching on water resources history in China. It wins the First-class Prize of National Book Award. < History of science and technology in China (water conservancy volume)> is the first academic book that studies systematically ancient China's water conservancy from the perspective of the history of science and technology, and is the most influential book that studies the general history of water resources. It won the Third-class Prize of the Third Guo Moruo Chinese History Award in 2007. <The History of the Beijing-Hangzhou Canal, <Heritage Composition and Value Assessment of the Grand Canal of China> and <The History of the Dujiangyan Irrigation System> are the most internationally influential books in researching on ancient water resources projects and are classic examples in researching on ancient water resources engineering history and water resources engineering heritage, and provide academic research foundation and direct support for the Dujiangyan Irrigation System and the Grand Canal of China application for being a world cultural heritage.