

# 2012 Catalogue

**Water Resources and Hydropower**

**Electric Power Engineering**

**Education**

**Architecture**

**Culture**

## Water Resources and Hydropower

### Managing Water Resources for People's Livelihood and Sustainable Development

- Unique perspective to review and summarize the process of water development in China in recent years
- An authoritative book to understand and master new ideas of Chinese water management

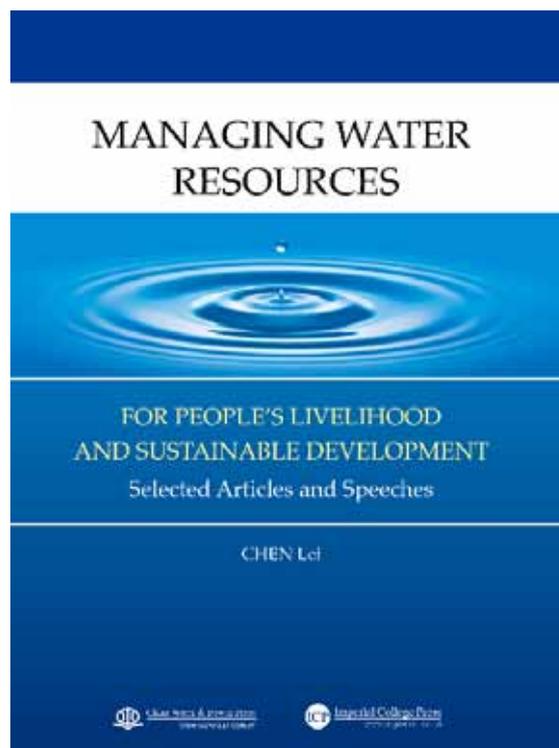
This book compiles some selected speeches and articles of Minister CHEN Lei delivered and published since February 2008. These speeches and articles reflect Minister CHEN Lei's thinking on how to manage water resources in a vast and fast developing country. The book also sheds light on the prevalent water-related problems in China, the strategies to deal with them and a vision for future development.

2012.2

Hardcover

¥ 498.00

Water Resource



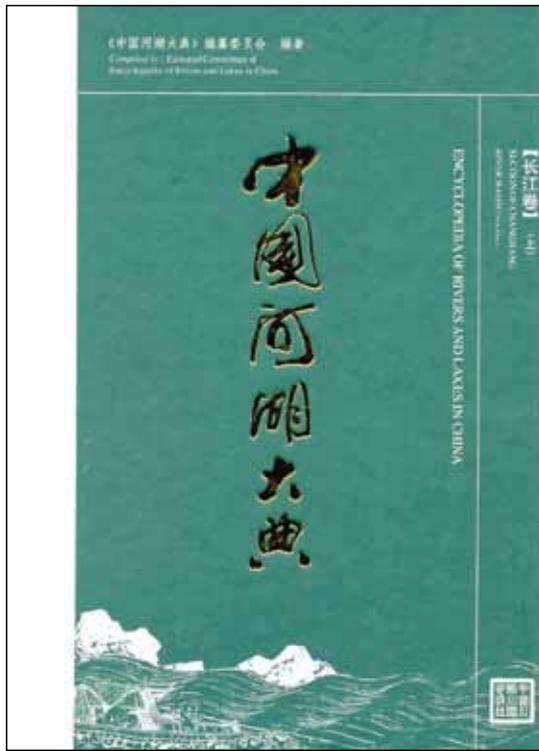
## Encyclopedia of Rivers and Lakes in China

- A handy reference book with systematic, accurate and authoritative data
- For water conservancy practitioners and interested persons
- Presided by Ministry of Water Resources and compiled by river (lake) basin authorities and provincial (autonomous region) water conservancy departments
- Mainly consists of hydrological and water resources data of contemporary rivers and lakes within China
- Truly and scientifically reflecting the historic and present status of rivers and lakes

An Encyclopedia of Rivers & Lakes in China is a tome reference book of significant practical value and historic meaning. This book mainly consists of hydrological and water resources data of contemporary rivers and lakes within China, enriched and supplemented with information of water projects construction. It systematically and roundly collects and assembles the natural status, historical, geographic and ecological environments, agricultural development condition, human cultures, economy and society condition etc. in river and lake basin areas, truly and scientifically reflecting the history and present status of rivers and lakes; it is called modern Commentary on Waterways Classic.

This Book lists the names of rivers and lakes as lemmas, upon which further description is compiled and illustrated with water system graphs; it can be used as a handy reference book with its systematic, accurate and authoritative data for water conservancy practitioners and interested persons at home and abroad.

## Water Resources and Hydropower

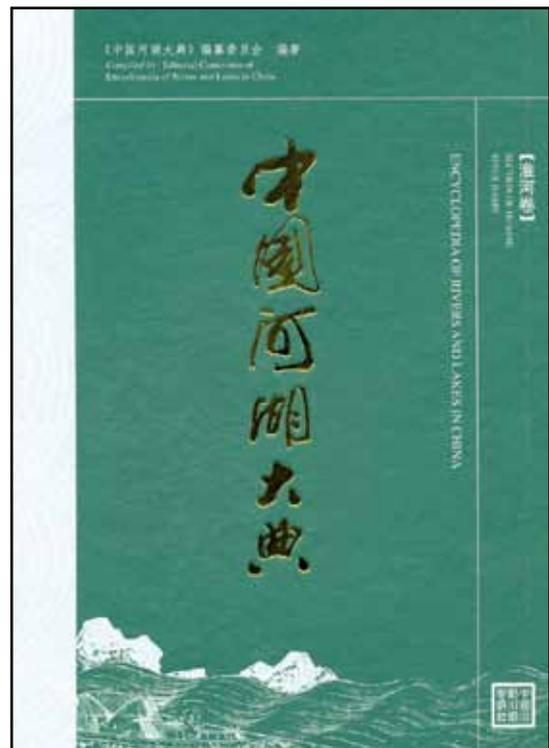


### Encyclopedia of Rivers and Lakes in China—Section of Yangtze River Basin

2010. 09  
 ISBN: 978-7-5084-6512-8  
 210mm×285mm  
 1176 pages  
 ¥ 580.00  
 Hardcover  
 River

### Encyclopedia of Rivers and Lakes in China—Section of Huaihe River Basin

2010. 01  
 ISBN: 978-7-5084-7953-8  
 210mm×285mm  
 336 pages  
 ¥ 258.00  
 Hardcover  
 River

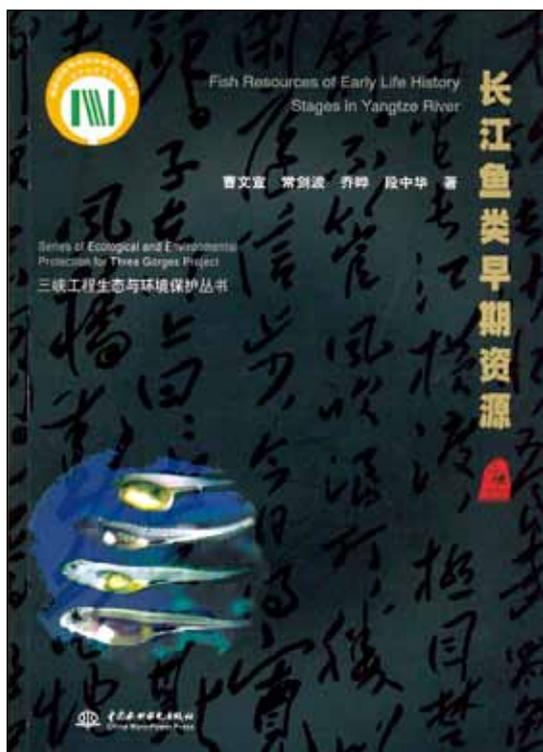


### **Series of Ecological and Environmental Protection for Three Gorges Project**

- Sponsored and organized by Office of State Council Three Gorges Project Construction Committee
- The latest scientific research
- Illustrated by precious pictures and accurate monitoring data
- An important reference for researchers in the fields of biology, ecology and environment protection

Sponsored and organized by Office of State Council Three Gorges Project Construction Committee, this series assemble the latest scientific research in field of ecological and environmental monitoring, water pollution control, agro-ecological environment and geological disasters, etc., illustrated by precious pictures and accurate monitoring data.

## Water Resources and Hydropower

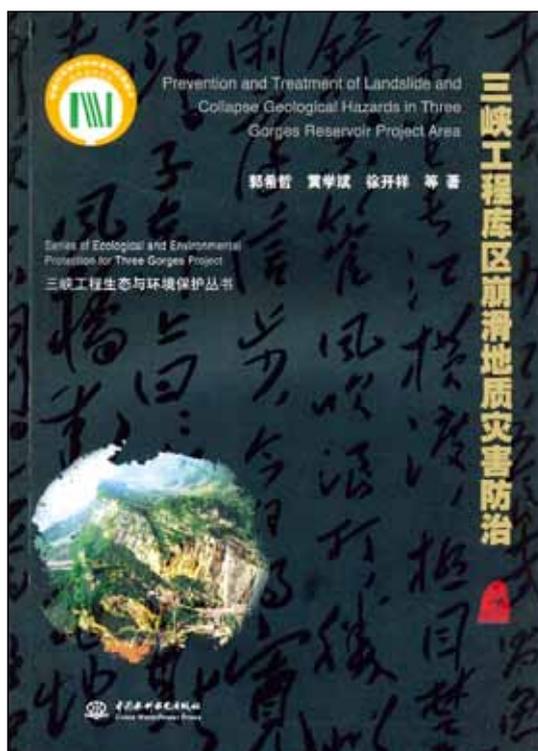


### Fish Resources of Early Life History Stages in Yangtze River

2007. 12  
 ISBN: 978-7-5084-4381-2  
 787mm×1092mm  
 292 pages  
 ¥ 118.00  
 Paperback  
 Research

### Prevention and Treatment of Landslide and Collapse Geological Hazards in Three Gorges Reservoir Project Area

2007. 11  
 ISBN: 978-7-5084-2871-0  
 787mm×1092mm  
 356 pages  
 ¥ 158.00  
 Paperback  
 Research

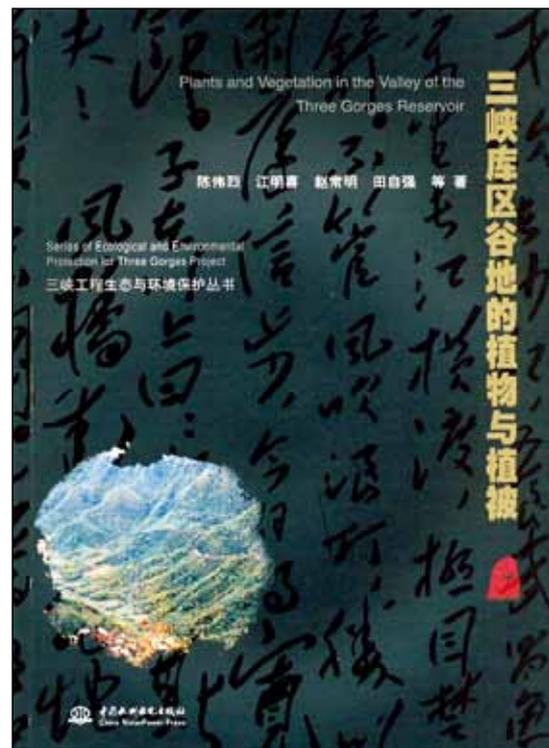


## Plants and Vegetation in the Valley of Three Gorges Reservoir

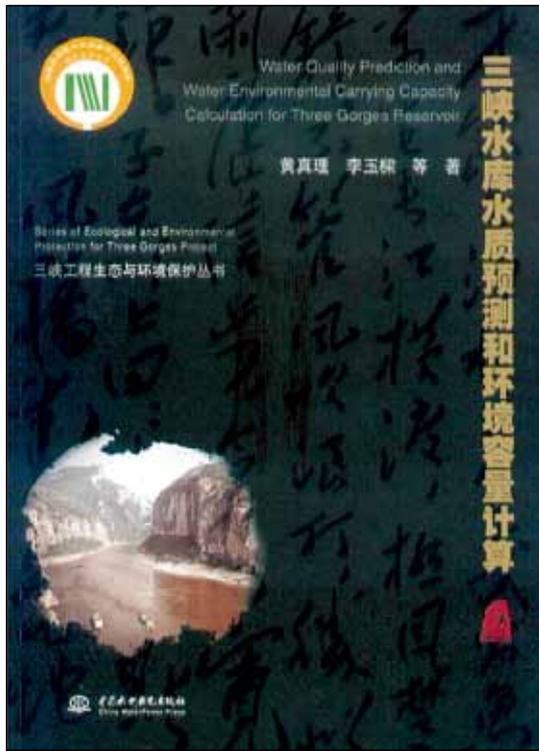
This book summarized the theoretic and practical researches that have been conducted by the authors over the past 20 years on plants and vegetation types of the valley in Three Gorges area. The data included all the plant species and vegetation types of both sides of the valley below an elevation of 800 meters. The book had detailed descriptions on the plant species diversity, flora, major vegetation types, plants and vegetation on the riverbed, rare and endangered plant species, current status of plant species that were submerged after the building of Three Georges Dam and the measures that should be taken to rescue them. Throughout the book, we presented plot data on typical vegetation types, list of plant species below an elevation of 800 meters, and many precious photographs of plant communities that were taken before the building of Three Georges Dam. These historical records are very useful for future studies on the vegetation in this region.

## Plants and Vegetation in the Valley of Three Gorges Reservoir

2008. 01  
ISBN: 978-7-5084-3662-3  
787mm×1092mm  
200 pages  
¥ 88.00  
Paperback  
Research



## Water Resources and Hydropower

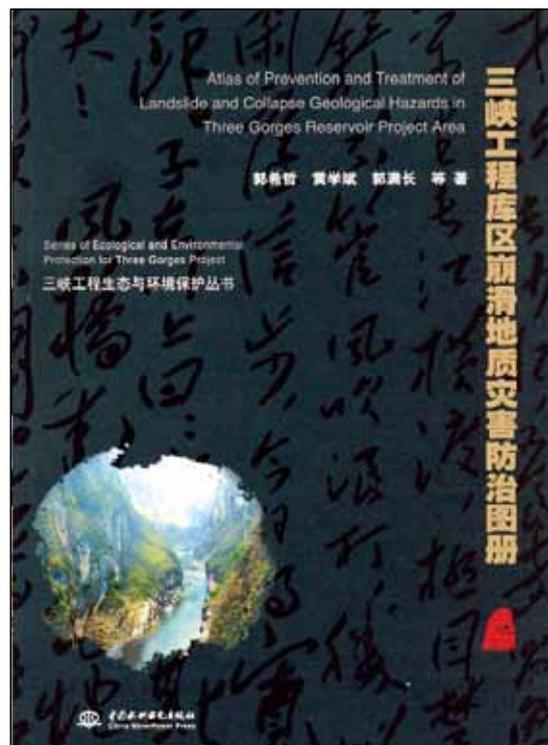


### Water Quality Prediction and Environmental Carrying Capacity Calculation for Three Gorges Reservoir

2006. 01  
 ISBN: 7-5084-1914-6  
 787mm×1092mm  
 604 pages  
 ¥ 188.00  
 Paperback  
 Research

### Atlas of Prevention and Treatment of Landslide and Collapse Geological Hazards in Three Gorges Reservoir Project Area

2008. 01  
 ISBN: 978-7-5084-4235-8  
 787mm×1092mm  
 256 pages  
 ¥ 108.00  
 Paperback  
 Research

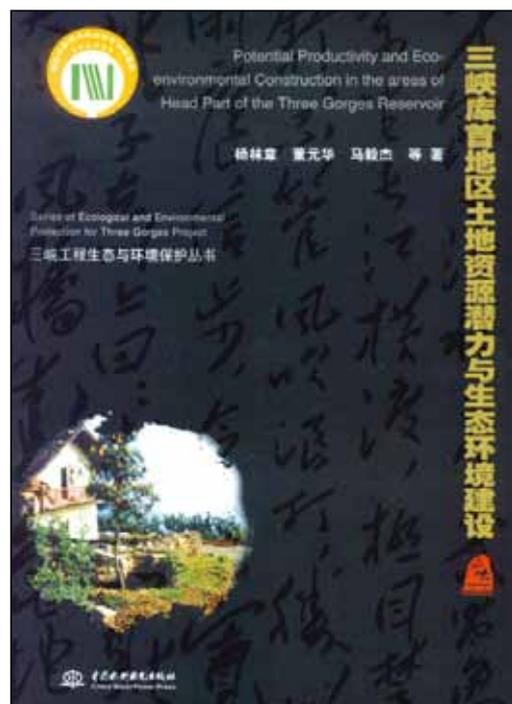


## Water Resources and Hydropower

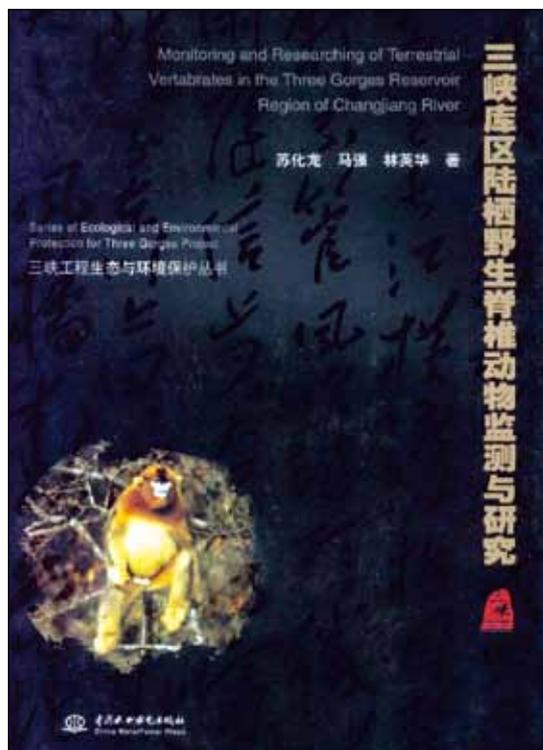
### Potential Productivity and Eco-environmental Construction in the Area of Head Part of the Three Gorges Reservoir

The monograph is focused on the region of head part of the Three Gorges Reservoir, but some attention given on the area of middle and end part of the Reservoir as well, based on our researches on rational utilization of land resource and construction of eco-environment in the reservoir area for nearly ten years. Firstly, we discussed the features, potential productivities and approaches for sustainable utilization or protection in natural resources, including land, forest and plant resources, and variety of vegetable and orange. Secondly, we dealt with the problems and countermeasures in eco-environment, including degradation of agricultural ecosystems, erosion of soil and water, construction of composite agro-ecosystems, and rational fertilization. Finally, we proposed the strategy on sustainable management of land resources and construction of eco-environment in the reservoir area, and gave an example of optimizing allocation of land resources and assessment of environmental carrying capacity in Zigui County.

**2007. 06**  
**ISBN: 978-7-5084-4096-5**  
**787mm×1092mm**  
**236 pages**  
**¥ 98.00**  
**Paperback**  
**Research**



## Water Resources and Hydropower

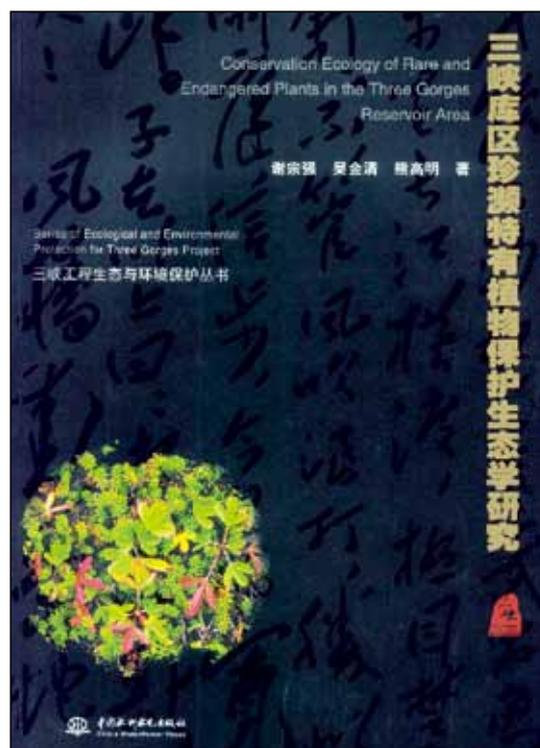


### Monitoring and Researching of Terrestrial Vertebrates in Three Gorges Reservoir Region of Yangtze River

2007. 01  
 ISBN: 978-7-5084-3698-2  
 787mm×1092mm  
 436 pages  
 ¥ 168.00  
 Paperback  
 Research

### Conservation Ecology of Rare and Endangered Plants in the Three Gorges Reservoir Area

2006. 12  
 ISBN: 7-5084-2721-1  
 787mm×1092mm  
 232 pages  
 ¥ 98.00  
 Paperback  
 Research



## Regional Water Rights

- Written for technician in the fields of water resource management, resource economics, and other professionals to study and research
- Written by the vice president of Hehai University, responsible for several research institutions
- High value guidance with accurate data, brainstorming and absorbing from experts

This book explores the theory of regional water rights system, establishes and demonstrates three theoretical hypotheses which are regional water right allocation, regional water rights trading price and the regional water rights asset management, and constitutes the management theoretical system of the region water rights in low, middle and advanced class. Based on the formation mechanism and factors of regional water rights trading price, the book proposes the pricing model for regional water rights, and firstly studies the regional water rights asset management. The book has a certain forward-looking.

**2011. 01**  
**ISBN: 978-7-5084-8319-1**  
**175mm×245mm**  
**376 pages**  
**¥ 38.00**  
**Paperback**  
**Water Management**



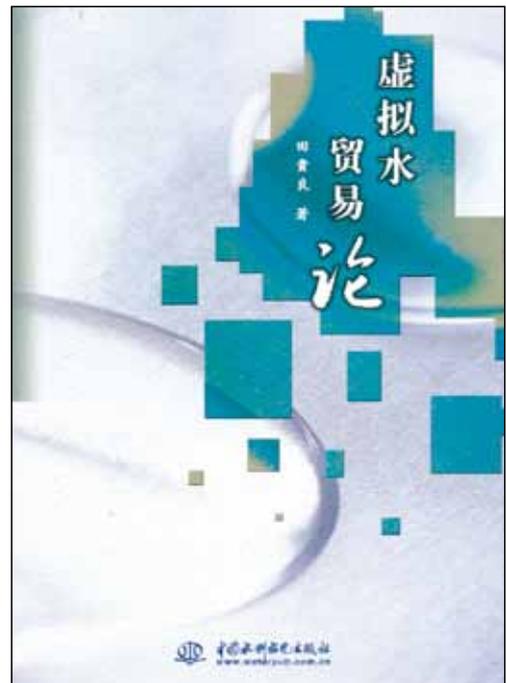
## Water Resources and Hydropower

### Virtual Water Trade

- A reference book for people majoring in water resource management, industrial economics, the relevant departments and research workers, etc.
- Written by experts and teachers with many years research and teaching experience
- A certain significance to the sustainable development of the region not only theoretically but also practically

This book explores the frontiers of economics of water resources—virtual water trade theory. The book includes three major theoretical hypotheses which are the establishment of virtual water trade theory of sustainable development, comparative advantage and economic growth. Based on water input-output analysis framework, the book builds a balance analysis model of the virtual water and regional virtual water trade, evaluates the suitability of regional virtual water trade by indicator, guides the water optimization of industrial structure by the theory of virtual water trade, chooses the water typical dry area of Yellow River Basin—Ningxia Hui Autonomous Region to study, and designs corresponding compensation mechanism by river and industrial.

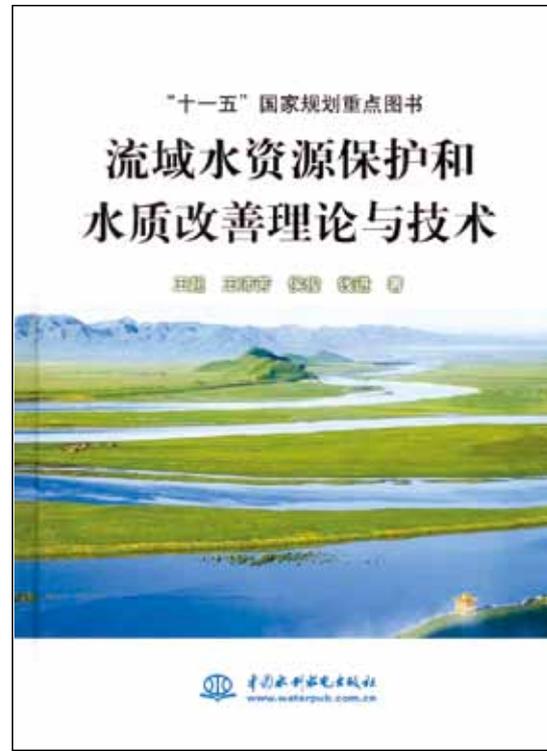
**2010. 10**  
**ISBN: 978-7-5084-8024-4**  
**175mm×245mm**  
**200 pages**  
**Paperback**  
**¥ 28.00**  
**Water**



### Theory and Technology of Water Resources Protection and Water Quality Improvement

- Written for technician in the fields protection of water resources and water quality improvement, watershed water system planning, ecological restoration, ecological research and management of water conservancy construction, etc.
- Written by one of the senior national expert in water conservation and water management, Chinese Academy of Sciences
- A national planning key books
- Advanced knowledge and ideas, high academic value

Based on watershed integrity, this book analyses the main factors of river basin water resources protection, puts forward the general and innovative ideas, scientifically plans the collaborative program of watershed planning and protection of water resources, and proposes the technical approach of reduction of pollutants, sources retain purification system and regional integrated control. Based on the analysis of dynamic characteristics of the river, the book formulates the engineering solutions of ecological restoration of river water combined with ecological functions and water quality improvement, gives the technical measures and design requirements of river ecosystem restoration and water quality improvement project, analyses the engineering theory and methods of the inter-regional or inter-basin water transfer drainage projects, and analyses and develops the information systems of river basin water resources protection and management.



**2011. 03**  
**ISBN: 978-7-5084-8452-5**  
**184mm×260mm**  
**504 pages**  
**¥ 120.00**  
**Hardcover**  
**Water Resource**

## Water Resources and Hydropower

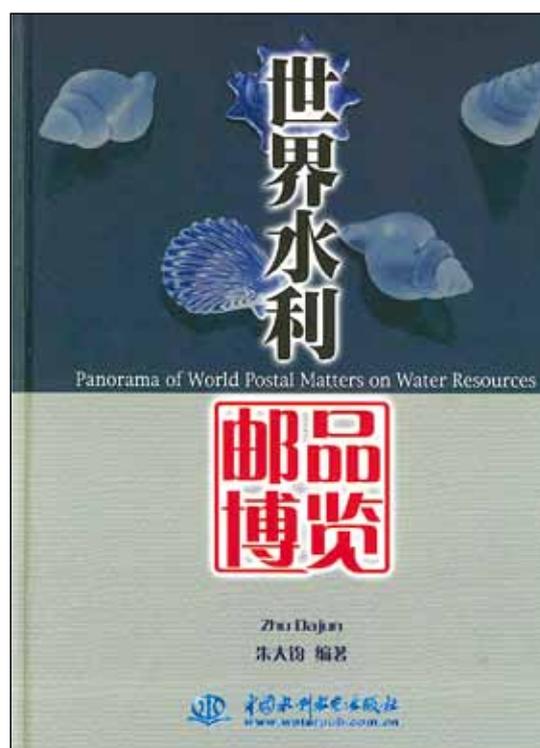
### World Water Stamp Expo

- Written for stamp collectors, water and water conservancy stamp lovers
- Introduced the stamp knowledge about water and water conservancy worldwide
- With strong points of readability and visibility

This book collects more than 2,200 pieces of water theme tickets, letters, films, stamps and other philatelic products of nearly 200 countries and territories. It describes the brilliant achievements of world water resources and development and shows the richful meaningness of a small stamp.

This book has a unique perspective in words with a lot of stamps and information. It is valuable for its ideology, intellectuality, arts and collections. For readers, it is a successful combination of stamp and water culture.

2002. 12  
 ISBN: 7-5084-1396-2  
 184mm×260mm  
 328 pages  
 ¥ 298.00  
 Hardcover  
 Water



### **A Typical Design Atlas for Small and Medium Water Conservancy and Hydropower Project**

- Written for the person of small and medium water conservancy and hydropower engineering design, construction and operation and maintenance, students and teachers, primary management of water resources and hydropower
- Several institutes of design and research participate in the preparation, many academicians and experts as consultants
- Introduced the new concept of ecological and environmental design, presented and collected the new design of the modern concept about water around the world
- Included typical, common projects, integrated and summarized the traditional water conservancy and hydropower engineering and modern ecological theory
- A good reference materials for design and teaching

## Electric Power Engineering



2007. 10

ISBN: 978-7-5084-4851-0

420mm×297 mm

164 pages

¥ 170.00

Paperback

Hydraulic engineering

### Hydroelectric Water Diversion Structures Volume: Pressure Pipe

This book focuses on pressure piping design drawings of water diversion structures in the small and medium hydropower stations. The book selects more than 30 typical designs including exposed pipe, underground pipe, exposed&underground pipe, concrete pipe, etc. The book not only introduces the pressure pipeline engineering geology, pipeline structure, the amount of major projects and engineering characteristics by words, but also simplifies, refines, reviews and standardizes the construction drawings for these projects. The book shows an accurate, clear and standardized drawings to the readers.



2007. 10

ISBN: 978-7-5084-4854-1

420mm×297 mm

224 pages

¥ 210.00

Paperback

Hydraulic engineering

### Retaining Structures Volume: Rubber Dam and Flap Dam

This book introduces the relatively new type of gate—rubber dam and flap dam. The book classifies the dam in accordance with the purposes, types, materials and layout characteristics, selects 41 designs which conform to the water eco-design and sustainable development concept. The book not only introduces the project overview, hydrogeology, structural type, project characteristics and operation of the dam by words, but also simplifies, refines, reviews and standardizes the construction drawings for these projects. The book shows an accurate, clear and standardized drawings to the readers.

## Electric Power Engineering



2007. 10

ISBN: 978-7-5084-4855-8

420mm×297 mm

244 pages

¥ 240.00

Paperback

Hydraulic engineering

### Sluice Volume

This book introduces the sluice, classifies the sluice by over flow, foundation type, discharge characteristics and operational requirements. The book selects 35 designs which conform to the water eco-design and sustainable development concept. The book not only introduces the project overview, design conditions, design requirements and design features of the sluice by words, but also simplifies, refines, reviews and standardizes the construction drawings for these projects. The book shows an accurate, clear and standardized drawings to the readers.



2007. 10  
 ISBN: 978-7-5084-4856-5  
 420mm×297 mm  
 265 pages  
 ¥ 260.00  
 Paperback  
 Hydraulic engineering

## Pumping Station Volume

This book introduces the pumping station. The book selects 34 designs, which conform to the water eco-design and sustainable development concept, for project examples and small pumping stations on features, pump, flow and pump chamber, drying methods, in-out water method, type and layout of the foundation approach. The book not only introduces the project overview, station body structure, design requirements and design features of the pumping station by words, but also simplifies, refines, reviews and standardizes the construction drawings for these projects. The book shows an accurate, clear and standardized drawings to the readers.

## Electric Power Engineering



2008. 02

ISBN: 978-7-5084-5268-5

420mm×297 mm

376 pages

¥ 280.00

Paperback

Hydraulic engineering

### Electrical Station Volume: First Electricity and Secondary Electricity

The book selects 5 typical designs which have run in the test of small and medium hydropower stations. The book describes the main electrical wiring diagram, the layout of electrical equipment, configuration diagram of secondary protection measure, unit control flow, LCU control schematics, generator protection of schematic wiring diagram, transformer protection principle wiring diagrams and schematic wiring diagram line protection on the designs of primary and secondary electrical design.



2010. 10

ISBN: 978-7-5084-8005-3

420mm×297 mm

220 pages

¥ 190.00

Paperback

Hydraulic engineering

## Retaining Structures Volume: Earth-rock Dam

This book contains 36 built embankment dam projects which are representative in China. It reflects the experience of small and medium water conservancy and hydropower project in earth-rock dam in China. For each project there is a certain description which illustrates the background of engineering, environmental conditions, hydrogeology, design standards, design requirements, technical parameters and characteristics, etc.

## Electric Power Engineering



2010. 10

ISBN: 978-7-5084-8006-0

420mm×297 mm

390 pages

¥ 290.00

Paperback

Hydraulic engineering

### Hydropower Electricity Volume: Hydraulic Echanics

This book contains 46 typical designs of small and medium sized hydropower project in hydraulic machinery. The book introduces the project overview, hydropower basic parameters, design requirements, scope, major equipment configuration and parameters of the projects by words and forms. The book presents a host of the station and its ancillary equipment, layout of auxiliary equipment, and power plant auxiliary equipment systems design by drawings. The book shows an acuurate, clear and standardized drawings to the readers.

### Design Perspective and Fast Performance

- Written for interior designer, architectural designer
- Based on advanced and high-level teaching experiences in the design drawing
- Teaching reference in the design drawing worldwide

This book is mainly for interior design perspective techniques of professional courses, staying close to the actual needs of students and close to the teaching practice sessions to clear and concise language, guiding to a variety of hand-drawn renderings of the methods and techniques step by step.



**2010. 05**  
**ISBN: 978-7-5084-7246-1**  
**210mm×297mm**  
**164 pages**  
**¥ 32.00**  
**Paperback**  
**Environmental Design**

### Landscape Design and Application

- Written for interior designer, landscape designer, architectural designer
- The theory of landscape design is introduced
- Further analyzed the design theory with a large number of case stud of Chinese landscape design

This book is focused on landscape design. The book introduces the basic principles of landscape design, the composition elements, rules, behavioral characteristics and factors of the landscape modeling. The book integrates theory with practice and is rich in content.



**2007. 09**  
**ISBN: 978-7-5084-4655-4**  
**190mm×210mm**  
**200 pages**  
**¥ 39.00**  
**Paperback**  
**Landscape Design**

## Education

### A Practical Course in Chinese Folk Art Patterns

- Written for students majoring in art design, painting, and lovers of folk art
- Cultivated the spirit of folk art patterns and aesthetic sense of art
- Enhanced the breadth of design thinking and the cultural connotation of designed works
- Integrated the traditional folk cultures with modern design teaching

Folk art pattern is the creation of Chinese Civilization, the source of modern art and design. The image of the spread of national culture and the foundation of national art. Based on the shape and color of the patterns, this book explains the folk art patterns made from different materials and of various media one by one. Concise and practical explanations of patterns and typical case study are useful for readers' reference and visual memory.



**2011. 03**  
**ISBN: 978-7-5084-8233-0**  
**210mm×297mm**  
**192 pages**  
**¥ 48.00**  
**Paperback**  
**Craft**

### Automobile Power Matching Techniques

- Written for professionals and students majoring in automobile and internal combustion engines, automotive engineering
- A reference book for automobile performance engineers
- Support from practical teaching experience

This book summarizes the history of the automobile. It explains the need and importance of automobile power matching. It focuses on the overall structure of car, driving principles, performance indicators and evaluation methods. It describes the working principle of vehicle engine and method of performance evaluation and analysis, power-train and vehicle control method, engine and power matching principle, the effective way to improve vehicle performance, and characteristics of automotive power source and the new trends.



**2005. 09**  
**ISBN: 978-7-5084-7189-1**  
**184mm×260mm**  
**268 pages**  
**¥ 29.00**  
**Paperback**  
**Education**

## System Identification

- A teaching material for system identification, modeling and parameter estimation of automation and cognitive science
- Written for students, teachers and scientists
- Written by an expert in this field with scientific research and teaching for years
- Systematic, comprehensive, and practical

System identification is the theory and method of system mathematical model. System identification, status estimation, and control theory constitute the modern control theory. The book systematically describes the basic principles, methods and applications of system identification and parameter estimation. A lot of case study and exercises of engineering applications and Matlab are included.



**2010. 12**  
**ISBN: 978-7-5084-8161-6**  
**184mm×260mm**  
**260 pages**  
**¥ 32.00**  
**Paperback**  
**Education**

## Intelligent Visual Sense

- A teaching material for students majoring in detection and control, automation and artificial intelligence, etc.
- A reference book for professionals
- Written by famous teachers in this field
- Written from the hot research topic

This book is based on the concepts and theory of the computer and signal processing. It describes the identification based on image information, understanding and technical principles and methods. The Chapter of basics systematically introduces the basic principles, methods, key techniques and algorithms of intelligent visual sense. The Chapter of Application majorly includes the practical and technical case study of basic theories and methods.



**2010. 03**  
**ISBN: 978-7-5084-7291-1**  
**184mm×260mm**  
**268 pages**  
**¥ 32.00**  
**Paperback**  
**Education**

## Architecture

### Pictorial Illustration of Chinese Traditional Architecture—Traditional Buildings

- Written for architecture lovers, researchers and workers
- Must-read guide books of architectural knowledge
- Analysis of Chinese traditional buildings

This series is a pictorial illustration of Chinese traditional architecture. It is easy to understand and pleasant to read. Readers can have a clear understanding of Chinese traditional buildings after reading this book.



2005. 09  
 ISBN: 7-5084-2412-3  
 190mm x 210mm  
 240 pages  
 ¥ 78.00  
 Hardcover  
 Architecture

### Pictorial Illustration of Chinese Traditional Architecture—Residential Buildings

- Written for architecture lovers, researchers and workers
- Must-read guide books of architectural knowledge
- Analysis of Chinese residential buildings

This series is a pictorial illustration of Chinese traditional architecture. It is easy to understand and pleasant to read. Readers can have a clear understanding of Chinese residential buildings after reading this book.

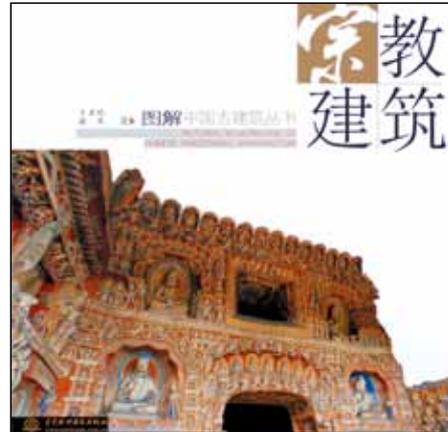


2005. 09  
 ISBN: 7-5084-2979-6  
 190mm x 210mm  
 240 pages  
 ¥ 78.00  
 Hardcover  
 Architecture

**Pictorial Illustration of Chinese Traditional Architecture—Religious Buildings**

- Written for architecture lovers, researchers and workers
- Must-read guide books of architectural knowledge
- Analysis of Chinese religious buildings

This series is a pictorial illustration of Chinese traditional architecture. It is easy to understand and pleasant to read. Readers can have a clear understanding of Chinese religious buildings after reading this book.



**2005. 09**  
**ISBN: 7-5084-2978-8**  
**190mm x 210mm**  
**240 pages**  
**¥ 78.00**  
**Hardcover**  
**Architecture**

**Pictorial Illustration of Chinese Traditional Architecture—Classical Chinese Gardens**

- Written for architecture lovers, researchers and workers
- Must-read guide books of architectural knowledge
- Analysis of Chinese traditional gardens

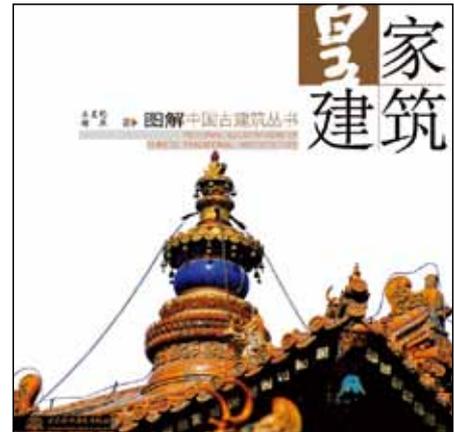
This series is a pictorial illustration of Chinese traditional architecture. It is easy to understand and pleasant to read. Readers can have a clear understanding of Chinese traditional gardens after reading this book.



**2005. 09**  
**ISBN: 7-5084-2963-X**  
**190mm x 210mm**  
**240 pages**  
**¥ 78.00**  
**Hardcover**  
**Architecture**

## Architecture

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**2005. 09**  
**ISBN: 7-5084-2908-7**  
**190mm x 210mm**  
**240 pages**  
**¥ 78.00**  
**Hardcover**  
**Architecture**

### **Pictorial Illustration of Chinese Traditional Architecture—Royal Buildings**

- Written for architecture lovers, researchers and workers
- Must-read guide books of architectural knowledge
- Analysis of Chinese royal buildings

This series is a pictorial illustration of Chinese traditional architecture. It is easy to understand and pleasant to read. Readers can have a clear understanding of Chinese royal buildings after reading this book.



**2007. 10**  
**ISBN: 978-7-5084-4592-2**  
**184mm×260mm**  
**236 pages**  
**¥ 98.00**  
**Paperback**  
**Handmade Paper**

### Chinese Handmade Paper for Painting and Calligraphy

- Written for creators, lovers, investors, collectors, and archaeological people of Chinese painting and calligraphy art, etc.
- Introduced the comprehensive knowledge and practical value of the Chinese painting and calligraphy paper
- First published book about a brief history of Chinese painting and calligraphy paper, rice paper, etc.

This book is a monograph of the history, manufacture, variety and application of Chinese painting and calligraphy paper. Some contents of the book are first published to the public, including handmade paper as beginning, history of Chinese painting and calligraphy paper, rice paper, calligraphy paper, Chinese painting and calligraphy paper identification, etc.



China Water & Power Press

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