

# Initial Bulletin

## International Symposium on Modern Technologies and Long-term Behavior of Dams

Zhengzhou, China  
September 27–29, 2011

### **Sponsors:**

Chinese National Committee on Large Dams  
Yellow River Conservancy Commission of the Ministry of Water Resources  
Xiaolangdi Dam Project Construction and Management Bureau  
Others

### **Organizers:**

China Institute of Water Resources and Hydropower Research  
Tsinghua University

### **Co-Sponsors:**

Japan Commission on Large Dams  
Korean National Committee on Large Dams  
Yellow River Institute of Hydraulic Research  
Henan Water & Power Consulting Engineering Co., Ltd.  
North China University of Water Resources and Electric Power  
Others

## Invitation

Developing countries such as China, Iran and Turkey are being at the heart of dam construction and hydropower development in the world. Many challenging problems, arising in the dam construction, are well solved, while the summary and integration of those pathbreaking technologies is lagging. On the other hand, many early built dams in the world have been operated for years, some over 50 years or even 100 years, and hence some problems like aging and cracks begin to appear, which urgently need to be solved. To provide a platform for engineers and scientists to present and exchange their successful experiences in dam construction, management and rehabilitation, Chinese National Committee on Large Dams (CHINCOLD) and other relevant organizations would like to sponsor an International Symposium on Modern Technologies and Long-term Behavior of Dams to be held in Zhengzhou, China during September 27-29, 2011.

The symposium will be a combined event of the 7<sup>th</sup> East Asian Dam Conference (EADC) and the 3<sup>rd</sup> International Conference on Long Term Behavior of Dams (LTBD). The EADC is a regional conference jointly sponsored by CHINCOLD, Japan Commission on Large Dams (JCOLD), and Korean National Committee on Large Dams (KNCOLD), which aims to promote the technical exchange and cooperation among East Asian countries in the field of dam technology. Since the 1<sup>st</sup> EADC in Xi'an China in 2004, it has been successfully held for 6 times by turns in China, Japan, and Korea. The LTBD conference is an international conference jointly sponsored by Chinese and Austrian universities, which aims to provide the opportunity for professionals to exchange their experiences and the latest developments related to the design, performance and rehabilitation of earth, rockfill and concrete dams. Up to now, it has been held for 2 times. The combination of the 7<sup>th</sup> EADC and the 3<sup>rd</sup> LTBD conference as "International Symposium on Modern Technologies and Long-term Behavior of Dams" will enrich the contents of symposium and enlarge the scale of participants.

It is great honor for the Organizing Committee to invite you to participate in the symposium, which will provide a forum for sharing of experiences by engineers, development planners, managers, manufacturers, environmentalists, consultants, academicians, users and others. We sincerely hope that this symposium will contribute significantly to promoting the worldwide spread of successful experiences in dam construction, management and rehabilitation.

We are looking forward to welcoming you in Zhengzhou China in September 2011.

## Welcome to Zhengzhou

Zhengzhou is the capital city of Henan province, China, which serves as the political, economic, technological, and educational centre of the province, as well as being a major transportation hub for Central China. The city lies on the southern bank of the Yellow River, about 760 km south of Beijing.

As one of the Eight Great Ancient Capitals of China, Zhengzhou maintains abundant cultural heritage that reflects its glorious history as well as the culture of Henan Province. It is one of the earliest residential areas of the Ancient China, and is hence called the cradle of Chinese ancient civilization with her long history. It was once the first acknowledged capital city in the history of China named Bo in the Shang Dynasty and this brings the history of Chinese capitals 300 years earlier. It has been a place of strategic importance since that. Like a resplendent pearl, she stands nearby the Yellow River, the mother river of Chinese civilization, shining gloriously.

There are more than 150 tour attractions of various types in Zhengzhou, characterized by beautiful natural scenery, heavy historical flavor, the origin of culture and the Chinese Kung fu. Among them, the world's famous Shaolin Temple is regarded as the holy land of Chinese Buddhism as well as the cradle of Shaolin Kung-fu.

The Grand Sight of Yellow River, the Yellow River tour area and the Huayuankou tour area reveal a marvelous picture to tourists - the rich culture and the glorious history of the Yellow River and her colorful folk customs. The Native Place of Emperor Huangdi shows tourists a land which gave birth to Chinese civilization. Other famous attractions of Zhengzhou include the Song Mountain (a World Geopark recognized by UNESCO), the Henan Museum, the Zhengzhou Confucius Temple, and so on. For anyone interested in Chinese ancient history and culture, Zhengzhou is one city that should not be missed.

The Symposium will be held in the YINGBIN HOTEL OF THE YELLOW RIVER located in Zhengzhou City of Henan province, China.

Address:

YINGBIN HOTEL OF THE YELLOW RIVER HENAN

No.1, Yingbin Rd., Zhengzhou, Henan

Tel:+86 371 66778888

Website: <http://www.yingbinhotel.com>

## Call for Papers

You are invited to submit abstracts of up to 400 words for the symposium. The symposium topics are listed in this announcement. The abstracts should clearly state the purpose and the conclusion of the potential paper. Abstracts including the title of the paper, authors, affiliation, mailing address, e-mail, phone and fax number should be submitted by e-mail to [chincold@126.com](mailto:chincold@126.com).

Detailed instructions for preparing the full paper will be sent to the authors of the accepted abstracts. All papers will be reviewed by the members of the Organizing Committee and the Technical Committee. Accepted papers will be published in the conference proceeding.

Important Dates

31 March 2011 Deadline for abstracts

10 April 2011 Acceptance of abstracts

31 May 2011 Deadline for full papers

10 June 2011 Acceptance/revision of papers

30 June 2011 Final acceptance of papers

## Main Topics

- ★ Methods of Design and Analysis for Dams
- ★ Environment-friendly Technologies for Dam construction
- ★ Long-term Operation and Maintenance of Dams
- ★ Dam Rehabilitation and Upgrade
- ★ Dam Safety Assessment and Risk Management
- Reservoir Management

## Technical Tour and Post Study Tour

Technical and Post-study tours will be organized during and after the conference respectively. Participants taking part in the technical tour will visit the dike of Yellow River, laboratories and the exhibition of Digital Yellow River. Those who will take part in post-study tours will not only visit the dams completed or under construction including Xiaolangdi project, Baoquan Pumped Storage Power Plant, Sanmenxia Project and etc., but also enjoy the beautiful scenes of Henan Province.

Details of technical and Post-study tours will be available in the Second Bulletin.





Xiaolangdi Project  
Earth Core Rockfill Dam  
H=160m  
Installed Capacity: 1800MW



Baoquan Pumped Storage Power Project  
Upper Reservoir: Rockfill dam with asphalt concrete, H=94.8m  
Lower Reservoir: Masonry Dam, H=95m  
Installed Capacity: 1200MW



Sanmenxia Project  
Concrete Gravity Dam  
H=106m  
Installed Capacity: 400MW

## Language

The official languages of the conference are English and Chinese. Simultaneous interpretation will be provided for the assembly meetings of conference.

## Pre-Registration and Further Information

Pre-registration is required when submitting the abstract. The formal registration form will be distributed with the Second Announcement of the conference, according to the return message or the pre-registration.

Further information will be issued on the web: <http://www.chincold.org.cn>

## Registration Fees

Registration fees (in US Dollars)

NO.	Registration	Participation	Nights to stay in China	Registration Fee		
				3 stars hotel	4 stars hotel	5 stars hotel
1	Symposium only	Participant	3	650	750	850
		Accompanying person	3	450	450	450
2	Symposium Technical tour	Participant	4	880	1000	1200
		Accompanying person	4	600	600	600
3	Symposium Technical tour Post Study tour	Participant	7	1400	1600	1750
		Accompanying person	7	900	900	900

Note: 1) Registration fee includes hotels, meals and inland transportation during the symposium.

The fees for hotels, meals and transportation from other cities to Zhengzhou or from Zhengzhou to other cities before and after the symposium are not included.

2) Deadline of the registration: 31<sup>st</sup> August 2011.

## Technical Exhibition

A major technical exhibition will take place alongside the symposium. The exhibition provides a unique opportunity of bringing your organization or company to the attention of international delegates. Exhibition space is sold in units of  $2 \times 2 \text{ m}^2$  (multiple units are available for large displays or groups of organizations and companies wishing to form a national pavilion). Organizations and companies interested in stands are kindly requested to contact the secretariat of the symposium for further details.



## Correspondence Address

All pre-registration forms, abstracts and correspondence concerning on the International Symposium on Modern Technologies and Long-term Behavior of Dams should be sent to Secretariat as the following;

Ms. Yao ZHANG

Secretariat of the International Symposium on Modern Technologies and Long-term Behavior of Dams

Chinese National Committee on Large Dams

Room 1260, IWHR Building A, A1 Fuxing Rd., Beijing 100038, P.R. China

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Website: <http://www.chincold.org.cn>

# International Symposium on Modern Technologies and Long-term Behavior of Dams

*September 27-29, 2011, Zhengzhou, China*

## Pre-registration Form

Please complete and return before June 1 , 2011.

Please type or write in legible letters.

Last name \_\_\_\_\_ Given name \_\_\_\_\_

Title: Prof. ☐ Dr. ☐ Mr. ☐ Ms. ☐

Affiliation \_\_\_\_\_

Mailing address \_\_\_\_\_

\_\_\_\_\_ City \_\_\_\_\_ Country \_\_\_\_\_ Zipcode \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

For the following, please tick appropriate:

☐ I am planning to attend the Conference

☐ I am planning to attend the post study Tour

☐ I am planning to submit a paper, paper title: \_\_\_\_\_

☐ Please keep me informed about the Conference

Signature \_\_\_\_\_ Date \_\_\_\_\_

Please return to:

Secretariat of the International Symposium on Modern Technologies and Long Term Behavior of Dams

Chinese National Committee on Large Dams

Room 1260, IWHR Building A, A1 Fuxing Rd., Beijing 100038, P.R. China

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