



INITIAL BULLETIN

Yichang, China

24-25 Sept., 2024

5th

INTERNATIONAL SYMPOSIUM ON DAM SAFETY

**Yichang, China
24-25 September, 2024**

Organized By:

Chinese National Committee on Large Dams (CHINCOLD)
Spanish National Committee on Large Dams (SPANCOLD)
Brazilian Dam Committee (CBDB)
U.S. Society on Dams (USSD)

Supported By:

Changjiang Water Resources Commission
China Three Gorges Corporation
Yichang Municipal People's Government
China Three Gorges University
Changjiang Survey, Planning, Design and Research Co., Ltd.
Changjiang River Scientific Research Institute
CTG Association for Science and Technology
Others to be decided

Website: <https://isds2024.glbmedcon.com/>





INVITATION

Chinese National Committee on Large Dams (CHINCOLD), Spanish National Committee on Large Dams (SPANCOLD), Brazilian Dam Committee (CBDB), and U.S. Society on Dams (USSD) have the honor to invite professionals to the 5th International Symposium on Dam Safety, which will be held on 24-25, Sept. 2024 in Yichang City, China.

In the recent years, extreme weather events caused by climate change have brought severe challenges to the dam safety in all countries. Quality, safety and environmental friendly should be taken as the core values of construction and operation of dams and reservoirs, to realize the integration of the economic, social, ecological and safety benefits. China has more than 97,000 reservoirs, of which over 90% are embankment dams. China has organized a special study on improving the flood control capacity of the reservoirs, to improve the safety of new and existing medium and low embankment dams through promotion of innovative concepts and new technologies, such as cemented material dams.

Following those successful and fruitful Symposiums held in Changsha (China) in 2017, Salvador(Brazil) in 2019, Canary Islands (Spain) in 2021, and Charleston (USA) in 2023, the 5th International Symposium on Dam Safety will provide a platform for practitioners, engineers, researchers, scientists, managers and decision makers from all over the world to exchange ideas, technology and strategies on dam safety. The participants will have the occasion to visit some famous projects in China in operation or under construction.



VENUE

Yichang as the host city

At the west of China's Hubei province, Yichang is located at the joint of the middle and upper reaches of the Yangtze River. For a long time, it has been renowned as the "gateway to the Three Gorges" and the "throat between Sichuan and Hubei". Yichang is where the Three Gorges Project and the Gezhouba Project are located, which makes Yichang a "world hydropower city". It covers an area of 21,000 km² and has a population of 4.1379 million.

The rivers in Yichang all belong to Yangtze River Basin. Yichang has 183 rivers with the valley area of over 30 km² and the whole length of 5,070 km, 128 rivers with the valley area of over 50 km² and the whole length of 4,320 km, 28 rivers with the valley area of over 200 km² and the whole length of 1,974 km, 6 rivers with the valley area of over 1,000 km² and the whole length of 939 km and 4 rivers with the valley area of over 3,000 km² and the whole length of 668 km.



Hotel information

Three Gorges Hotel is located in No. 29 Qiushi Road, Yichang Military District, adjacent to the Party School of Yichang Municipal Committee and Olympic Sports Center, about 10 minutes' drive from CBD business District, Wanda Plaza, Three Gorges Visitor Center and other entertainment and tourism projects, about 30 minutes' drive from Yichang high-speed Railway East Station, about 40 minutes' drive from Three Gorges International Airport and Three Gorges Dam, convenient transportation. The surrounding landscape is close to each other and the scenery is pleasant.

Address: No. 29 Qiushi Road, Yichang Military District, Yichang City, Hubei Province, China





PROGRAM

- | | |
|---------------------------|-------------------|
| ● Registration | 23 Sept., 2024 |
| ● International Symposium | 24-25 Sept., 2024 |
| ● Post study tour | 26-28 Sept., 2024 |

TOPICS

- Digital-empowered safe construction and management of reservoirs and dams
- Improvement technologies of safe and resiliency in long-term for reservoirs and dams
- Safety prevention and control of reservoirs, dams and basins in extreme conditions
- Roles of the reservoirs and dams to promote the green and sustainable development of regional economy
- Others

LANGUAGE

The official languages of the Symposium are English and Chinese. Simultaneous translation will be provided for the symposium.

CALL FOR PAPERS

English papers are now invited on the related topics. Please submit your papers via email to chincold-en@vip.126.com.

IMPORTANT DATES

- | | |
|--|--------------|
| ● Full paper submission deadline | 31 Jul. 2024 |
| ● Notification from paper review process | 15 Aug. 2024 |
| ● Deadline for early bird registration | 20 Aug. 2024 |
| ● Deadline for presentation submission | 31 Aug. 2024 |

TECHNICAL EXHIBITION

During the Conference, a technical exhibition related to the hydropower and dams will be organized. Organizations and companies are welcomed to display their supplies and services to delegations from all over the world. Those who are interested in the exhibition are kindly invited to contact the secretariat for further details.



USSD
U.S. National Committee of ICOLD



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24-25 September, 2024

INTERNATIONAL MILESTONE HIGH CONCRETE DAM PROJECT

With further development of urbanization and modernization, as well as increasing concerns about the impacts of climate change, the role of dams and reservoirs is fundamental. These infrastructures greatly promote economic and social development, play important roles in flood control, water supply, energy security and food security.

In order to recognize major achievements of high concrete dam technology, raise public awareness on technique progress and strategic importance of reservoirs and dams, Chinese National Committee on Large Dams (CHINCOLD) and United States Society on Dams (USSD) would like to jointly organize appraisal of the 4th International Milestone High Concrete Projects, following the past successful and fruitful awards in the year of 2011, 2016, and 2022 respectively.

The milestone projects are representative of the main achievements in dam projects until now, and they are also the basis for the new projects. The experiences of them can be used as a valuable reference for the future developments.

The recommended High Concrete dam project should fulfill the following requirements :

- The project is well known in the world. Its innovation of dam design and construction is significant, which can be used for reference by other projects
- The project has been completed and been in good operation for more than 3 years
- During the dam construction and management, measures have been taken to improve the environment and resettlement
- The project has achieved great benefits in hydropower generation, flood control, irrigation, water supply and etc. and has played important roles in promoting the social and economic development of the dam area
- The relevant innovative achievements have been well applied in 2 or more projects, and achieved great social, economic and ecological benefits.

The Organizing Committee of the 5th International Symposium on Dam Safety would like to invite experts and countries to recommend some projects as candidate of International Milestone High Concrete Dam Projects.

The application documents for the nominated project can be download at <https://www.chincold-smart.com/bjchincoldfiles/downloads/Attachment.doc> and shall be submitted by email before 31 July to chincold-en@vip.126.com.

More information on the awarded International Milestone RCC Dam Projects could be visited at: <http://www.chincold-smart.com/en/awards/projects-awards/list/1>

POST STUDY TOURS

Post study tour is planned to be arranged after the conference with duration of 3 days. Participants will have a technical visit to the Three Gorges Project, Gezhouba Project, Geheyan Project, Shuibuya Dam, and Danjiangkou Project. Participants will also enjoy the nature scenic spots and historic sites in Hubei Province.

- **Three Gorges Project** is a key project to the development and management of the Yangtze River basin. It has the largest installed capacity in the world with a total installed capacity of 22.5GW. Ecological and environmental protection has been emphasized, especially the protection of rare and endemic fish species in the Yangtze River.
- **Gezhouba Project** is the first large-scale hydropower station on the Yangtze River. The construction began in May 1971, and was completed in December 1988 as a dam with a maximum dam height of 47m and a total storage capacity of 1.58 billion m³ with a total installed capacity of 2.715 million kilowatts. The first 170,000 kilowatt unit was put into operation on July 30, 1981.
- **Geheyan Project** is located on the main stream of Qingjiang River. It is a concrete gravity arch dam with a maximum dam height of 151m. The total reservoir capacity is 3.12 billion m³. The installed capacity of the hydropower station is 1.2 million kW and the annual generating capacity is 3.04 billion kW. The construction began in January 1987, the first unit generated electricity in June 1993, and was completed in 1995.
- **Shuibuya Dam** is located in Badong County, the middle reaches of the Qingjiang River, with a maximum dam height of 233m, which is the highest concrete faced rockfill dam that has been built in the world.
- **Danjiangkou Project** was built in 1967. As the water source project for the middle route of the South to North Water Diversion Project, the Danjiangkou Dam was designed to be raised by 14.6m. The dam height is 117m and crest length, 3442m, resulting in a corresponding increase in storage capacity of 11.6 billion m³. This is the largest dam raise project in China, which was started in Sept. 2005 and completed in Sept. 2013.





REGISTRATION FEES

The Registration Form is enclosed in the last of this bulletin.

Type of participant	Before 20 Aug. 2024	After 20 Aug. 2024
Participant	US \$ 650	US \$ 700
Young Professional (Under the age of 40)	US \$ 350	US \$ 400
Accompanying person	US \$ 350	US \$ 400
Post study tours	US \$ 650	
Technical Exhibition	US \$ 3,000	

Please note that the fee includes the tax.

- **The Participant fee includes:**

- ✧ Documentation and access to the sessions of the Symposium
- ✧ Working lunches
- ✧ Coffees in the morning and afternoon breaks
- ✧ Opening session
- ✧ Social event

- **The Accompanying person fee includes:**

- ✧ Credentials for the accompanying person
- ✧ City Tour
- ✧ Social event related
- ✧ Accompanying person program

- **Post study tours fee includes:**

- ✧ Local transport
- ✧ Hotel
- ✧ Meals
- ✧ Entrance ticket
- ✧ Tours are subject to change, if minimum number of delegates are not met

- **Technical Exhibition fee includes:**

- ✧ One Exhibition stand
- ✧ One free participant registration

Registration will be confirmed after the total payment has been received. Total payment in the registration form could be by bank transfer to the following account:

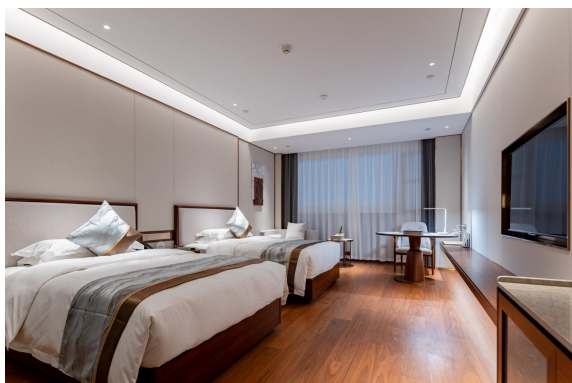
- Name of organization: Chinese National Committee on Large Dams
- Bank: Industrial and Commercial Bank of China, Shijitan Branch
- Account No.: 0200 09632900 0193 808
- Swift Code: ICBKCNBJBJM

*CHINCOLD **don't** afford any incurred transfer fee

ACCOMMODATION

It is suggested to book the hotel accommodations via CHINCOLD since there is negotiation between the Three Gorges Hotel and CHINCOLD. The delegates pay the accommodation fees at the hotel when check in.

Room type	Fee per night (including tax) (US)
King Bed Room	80
Double Bed Room	100
Suite	140



CORRESPONDENCE ADDRESS

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Email: chincold-en@vip.126.com

Website:

<https://isds2024.glbmedcon.com/>

Registration online:

<https://isds2024.glbmedcon.com/>