



जल शक्ति मंत्रालय
जल संसाधन, नदी विकास और गंगा संरक्षण विभाग
भारत सरकार
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
GOVERNMENT OF INDIA



विद्युत मंत्रालय
MINISTRY OF
POWER

Second Information Bulletin



Curtain Raiser for ICOLD 2024 Event

***National Workshop
on***

“Dam Repair & Rehabilitation - Deciding, Design & Safety Criteria”

29th Feb 2024 - 01st Mar 2024

(Thursday & Friday)

CBIP Conference Hall, New Delhi



**Organized
by**



**In association
with**



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INTRODUCTION

Dam repair and rehabilitation are critical processes undertaken to restore the functionality, safety, and longevity of existing dams. Over time, dams may experience various issues such as aging infrastructure, structural damage, erosion, or changes in hydrological conditions, which necessitate intervention to ensure their continued operation and safety.

Design criteria for dam repair and rehabilitation involve evaluating the structural integrity of the dam and identifying necessary modifications or reinforcements. Safety criteria play a crucial role in ensuring the dam's ability to withstand extreme events and prevent potential failures. Safety considerations encompass both the structural integrity of the dam and its hydraulic performance. Evaluating factors such as seismicity, flood potential, and erosion susceptibility aids in establishing safety requirements for the dam. It involves assessing the adequacy of spillways, outlet works, emergency action plans, instrumentation systems, and monitoring protocols. Additionally, incorporating measures to manage risk factors like seepage, slope stability, and embankment settlement is crucial for maintaining the dam's long-term safety.

The design and safety criteria for dam repair and rehabilitation are influenced by various guidelines and standards developed by regulatory bodies, such as dam safety agencies, ministries, engineering associations, and international organizations. These guidelines provide a framework for engineers to follow and ensure that the repairs and modifications are carried out in a manner that meets the required safety levels.

In conclusion, deciding the design and safety criteria for dam repair and rehabilitation involves a comprehensive evaluation of the dam's condition, understanding its original design, and considering site-specific factors and potential risks. By adhering to industry standards and regulations, professionals can make informed decisions to restore the dam's functionality, enhance its safety, and ensure its long-term sustainability.

INCOLD in association with CBIP, in the series of its workshop as Curtain Raiser for ICOLD 2024 event in India in October 2024, with the aim to discuss the various issues connected with the subject is organizing its Fifth workshop on "Dam Repair & Rehabilitation- Deciding, Design & Safety Criteria", 29th Feb 2024 - 01st Mar 2024, at CBIP Hall, New Delhi.

ABOUT THE INCOLD

The Committee for International Commission on Large Dams, (INCOLD) is the Indian Committee interacting with ICOLD Central Office in Paris and helps in dissemination, in India, of information about new developments in dam engineering, besides projecting India's expertise at international level through participation in various events of ICOLD. Indian experts are many a time invited to officiate as members of ICOLD Committees on specialized topics. Presently Indian representatives are members in 19 technical committees out of 27 committees of ICOLD. INCOLD is honoured for hosting the 92nd annual meeting and international symposium at New Delhi.

TOPIC BEING COVERED BUT NOT LIMITED TO:

Deciding Criteria

- Aging and Residual Life Assessment of Dams.
- Performance Evaluation.
- Safety Assessment.
- Cost-Benefit Analysis.
- Environmental Impact.
- Regulatory Compliance.
- Risk Assessment and Management.
- Emergency Preparedness.
- Technological Advances.
- Augmentation: Virtual Reality Platform & underwater Robotics Inspection.

Design Criteria:

- Structural Stability.
- Seismic Considerations.
- Hydraulic Analysis.
- Material Selection.
- Monitoring Systems.

Safety Criteria:

- Operational Safety.
- Long-Term Maintenance.
- Public Safety.
- Emergency Preparedness.
- Sustainability.

PRESENTATIONS BY EXPERTS:

The Eminent Dam Industries experts including Academia have been invited to deliver expert lectures during the workshop. The professionals who desire to present the case studies or presentation on the above subject are also welcomed. Speakers are requested to send their presentation /case studies / papers to the organizers in advance positively by 20th February 2024.

OFFICIAL LANGUAGE

English will be the official language of the Workshop.

DATES AND VENUE

The workshop will be held on 29th February - 01st March 2024, at CBIP Malcha Marg, New Delhi.

SUBMISSION OF TECHNICAL PAPERS/PRESENTATION/CASE STUDIES

Experts who desire to submit technical papers, presentation or case studies on above topics or any other related topics are welcome to submit the same by 20th February, 2024.

REGISTRATION FEE

The registration fee payable, per delegate, including authors of papers, for participation in the Workshop is as follows:

	Fees	
	Members	Non-Members
Members of INCOLD / CBIP	INR 10,000/-	INR 12,000/-

GST @18% will be charged extra on Registration Fee.

After making the payment online in respect of the event, the details like UTR/Organization name to be furnished immediately.

The registration fee covers the cost of registration kit, lunch and tea in-between the technical sessions.

Notes : 1. Participants will have to make their own arrangement for travel, boarding and lodging, etc.

2. Last date for receipt of Registration Form is 24th February 2024. Spot registration facility will also be available, provided prior information is received.

SPONSORSHIP OPPORTUNITY

The Workshop provides an effective opportunity for organisations/companies to sponsor/support the Workshop under following categories:

Category	Amount	Benefits
Sponsor	INR 2,00,000#	<ul style="list-style-type: none">• Complimentary registration upto five representatives• Distribution of promotion literature among the participants through the registration kit• Table top display of products/services• Company name and logo on Information Bulletin, banners, etc
Co-Sponsor	INR 1,50,000#	<ul style="list-style-type: none">• Complimentary registration upto three representatives• Distribution of promotion literature among the participants through the registration kit• Company name and logo on Information Bulletin, banners, etc
Supporter	INR 1,00,000#	<ul style="list-style-type: none">• Complimentary registration upto two representatives• Company name and logo on Information Bulletin, banners, etc

#GST @18% (as per Reverse charge Mechanism)

PAYMENTS

The fee can be paid by cheque to be drawn in favour of "Committee for International Commission on Large Dams, India" or by bank transfer to the following account:

Bank Details for arranging Payment:

Name of Bank: Canara Bank, Delhi Diplomatic Enclave, 7/48, Malcha Marg, Chanakyapuri, New Delhi 110021

• Account No. 0157101031509 • MICR Code No. 110015007

• Account Holder Name: "THE COMM FOR INCOLD"

• IFSC Code: CNRB0000157 • Swift Code: CNRBINBDFS

SECRETARIAT

All correspondences relating to the Workshop should be addressed to:

Mr. A.K. Dinkar, Secretary

Central Board of Irrigation & Power, Malcha Marg, Chanakyapuri, New Delhi 110 021, India

Contact Persons: Mr. K.K. Singh, Director (WR)

Mr. Kamal Kumar (M : 8826434222) Mr. Pradeep Kumar Singh (M : 9557814691)

Phone : +91-11- 2611 1294/2687 5017, Fax : +91-11-2611 6347

E-mail: kksingh@cbip.org; kamal@cbip.org; pradeepsingh@cbip.org; contact@incold.co.in; Website:www.icold2024.org



Curtain Raiser for ICOLD 2024**National Workshop****on****Dam Repair & Rehabilitation -
Deciding, Design & Safety Criteria****29th February - 01st March 2024, (Thursday & Friday)****CBIP Conference Hall, New Delhi****REGISTRATION FORM**

(To be filled in block letters preferably typed)

1. Name of Participant _____
(Surname) (First Name) (Prefix Prof./Dr./Mr./Mrs./Ms.)

2. Designation: _____

3. Name of Organisation: _____

4. Mailing Address: _____

City _____ State _____

Country _____ PIN _____

Phone _____ Fax _____ E-mail _____

5. Payment details:

Bank Details for arranging Payment:

Name of Bank: Canara Bank, Delhi Diplomatic Enclave, Malcha Marg, Chanakyapuri, New Delhi 110021

• Account No. 0157101031509 • Account Holder Name: "THE COMM FOR INCOLD"

• MICR Code No. 110015007 • IFSC Code: CNRB0000157 • Swift Code: CNRBINBDDFS

Dated _____

Signature _____

Registration Form duly filled in, together with necessary payments to be mailed to : contact@incold.co.in**Contact Persons: Mr. K.K. Singh**, Director (WR) E-mail: kksingh@cbip.org**Mr. Pradeep Kumar Singh** E-mail: pradeepsingh@cbip.org; (M : 9557814691)**Mr. Kamal Kumar** E-mail: kamal@cbip.org (M : 8826434222)

Central Board of Irrigation & Power, Malcha Marg, Chanakyapuri, New Delhi 110 021, India

Fax: +91-11-2611 6347

Note:

- Seats are limited. Participants are requested to register as soon as possible.