



National Workshop on Tailing Dam Safety

12-13 October 2023, New Delhi
(Thursday & Friday)

*Curtain Raiser for ICOLD 2024
International Symposium in India, October 2024*



Organized by

in association with

ICOLD 2024 - Sponsors

Event Sponsor



INCOLD



ESTD 1927
New Delhi



ISRM (INDIA)



Event Supporter



INTRODUCTION

Tailing dam safety refers to the measures and practices implemented to ensure the safe design, operation, and maintenance of tailings dams. A tailings dam is a structure used to store the waste materials, known as tailings that are generated during mining operations.

Tailings dam safety involves several key aspects like Design and Construction, Monitoring and Surveillance, Operations and Maintenance, Emergency Preparedness and Response, Closure and Rehabilitation. Tailings dam safety emphasizes the need for a comprehensive approach that considers all stages of a tailings dam's life cycle, from design and construction to operation, maintenance, closure, and rehabilitation.

By implementing appropriate measures and adhering to best practices, we try to prevent accidents, minimize environmental impacts, and protect nearby communities and ecosystems from potential harm associated with tailings dam failures. Tailing dams worldwide contain billions of tonnes of mineral processing industry wastes. Most tailings dams are raised sequentially using the "upstream" construction method, following the level of the impounded tailings during the filling process.

INCOLD in association with CBIP and ISRM-India, 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 Third Workshop on "Tailing Dam Safety" on 12-13 October 2023, at Conference Hall, CBIP, 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 in October 2024.

TOPIC BEING COVERED BUT NOT LIMITED TO:

Tailing Dam Safety.

- Overview
- Emerging Trends
 - Planning for Tailing Dams
 - Disposal of Tailings
- Environmental aspects of Tailing disposal
- Design procedure of Tailing dam
- Challenges
- Opportunities in Tailing Dams
- Numerical Modelling for stability of Tailing Dams
- Case Studies.

PRESENTATIONS BY EXPERTS:

The Eminent Tailing 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 to the organizers in advance positively by 6th October 2023.

OFFICIAL LANGUAGE

English will be the official language of the Workshop.

DATES AND VENUE

The workshop will be held on 12-13 October 2023, (Thursday & Friday) at Conference Hall, CBIP, Malcha Marg, New Delhi.

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/ISRM	10,000/-	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. The participants will have to make their own arrangements for stay. No financial support will be provided by the organizers.

The last date for receipt of the registration form is 10th October 2023.

Spot registration facilities will also be available, provided the prior information is received. Seats are limited. Participants are requested to register as soon as possible.

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 of 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 of 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 of upto two representatives• Company name and logo on Information Bulletin, banners, etc.

#GST @18% as per reverse charges 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: CNRBINBDDFS

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. Pradeep Kumar Singh (M : 9557814691); Mr. Manoj Kumar (M : 7982104577)

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

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

KEY SPEAKER

BRYAN ULRICH LLC



Mr. Bryan an award-winning, board-certified geotechnical engineer with more than three decades of experience with engineering, project management, design and construction, analysis, and site investigations of mining-related work, including numerous plant-site projects. He has participated in all geotechnical aspects associated with the design of tailings and heap leach facilities and has carried out numerous other geotechnical design efforts, including direct involvement with over 50 geotechnical site investigations.

He was on the organizing committee for South Africa’s first major conference on heap leaching and initiated the Elko Roundtable Discussion seminar series in Nevada, the proceeding of which has been published several times in Mining Engineering Magazine. He has received awards from both universities from which he had graduated and also served on the Minerals Engineering department’s Industrial Advisory Board for the New Mexico Institute of Mining and Technology. He has served on the organizing committee for the annual Tailings and Mine Waste conference and is a charter member of the ASDSO Tailings Dam

Regulatory Committee. In addition, he was the official book reviewer of the first proceeding of AGC’s Conference on Mine Closure and have authored more than three dozen technical articles and papers. He has various REGISTRATION/CERTIFICATIONS/TRAINING/AFFILIATION from Nevada, USA.(No. 16933), Colorado, USA.(No. 32886), Montana, USA. (No. 25260), Idaho, USA. (No. 15013), Wyoming, USA. (No. 13474), SME Registered Member (No. R03292350), Professional Mining Engineer, South Africa (No. 20000191). Currently he provides independent review board and third-party review services to mining clients.

Blog link: <http://www.bryanulrich.net/>

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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, 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: CNRBINBBDFS

Dated _____

Signature _____

Registration Form duly filled in, together with necessary payments to be mailed to

Mr. A.K. Dinkar

Secretary

Central Board of Irrigation & Power

Malcha Marg, Chanakyapuri, New Delhi 110 021, India

Fax: +91-11-2611 6347 E-mail: pradeepsingh@cbip.org; contact@incold.co.in

Note:

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