



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



# 92<sup>nd</sup> ICOLD Annual Meeting & International Symposium

ON

## DAMS FOR PEOPLE, WATER, ENVIRONMENT AND DEVELOPMENT

**Bharat Mandapam  
ITPO, Pragati Maidan  
New Delhi, India**

**29th September - 3rd October, 2024**

27 - 28 September 2024,  
Reserved for ICOLD Board Meeting

### FINAL BULLETIN

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# Welcome to 92<sup>nd</sup> ICOLD Annual Meeting & International Symposium

ON

## DAMS FOR PEOPLE, WATER, ENVIRONMENT AND DEVELOPMENT

29<sup>th</sup> September - 3<sup>rd</sup> October, 2024

Bharat Mandapam, ITPO, Pragati Maidan, New Delhi, India

### INCREDIBLE INDIA

“India is the one land that all men desire to see, and having seen once by even a glimpse would not give up that glimpse for the shows of all the rest of the globe combined...” - **MARK TWAIN**



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## Invitation from the President, Central Board of Irrigation & Power (CBIP)

Ghanshyam Prasad,  
Patron, ICOLD 2024,  
Chairperson, Central Electricity Authority and  
Ex-officio Secretary to Govt. of India

Dear Colleagues and Friends of ICOLD,

It is with immense pleasure and pride that I extend a warm welcome to all participants of the ICOLD International Symposium on Dams for People, Water, Environment, and Development. This prestigious event, taking place at Bharat Mandapam' in September 2024, brings together experts and stakeholders from over 65 member countries to deliberate and exchange invaluable experiences on various critical themes.

The Indian Committee on Large Dams (INCOLD) and the Central Board of Irrigation and Power (CBIP) have worked tirelessly to make this symposium a significant platform for addressing key issues in dam engineering and construction, dam safety management, environmental and social aspects, and much more. Their dedication and contribution are commendable, and I extend my deepest appreciation to both organizations for their steady efforts.

The themes of this symposium ranging from dam rehabilitation and improvement to integrated reservoir management and the role of dams in renewable energy and climate change adaptation are of paramount importance to India. The outcomes of our discussions here will undoubtedly advance the sector, promoting sustainable development and technological innovation in dam construction and management.

India has made remarkable strides in the power sector, aiming to meet the growing energy demands through sustainable and renewable sources. Dams play a crucial role in this development by providing hydroelectric power, which is a clean and renewable energy source. They also contribute to grid stability and energy storage, essential for integrating other renewable energy sources like solar and wind power. Moreover, the strategic management of water resources through dams supports agricultural productivity and drinking water supply, further bolstering the socio-economic growth of our Nation. This will also accelerate the development of hydro pumped storage plants which in turn would help in large scale integration of solar and wind in the grid leading to faster energy transition.

This gathering is not just an opportunity to share knowledge but also to build lasting collaborations that will benefit us all. As we evolve with modern technology and adapt to new challenges, the insights gained from this symposium will be instrumental in shaping the future of dam engineering and water resource management.

I invite all concerned professionals, researchers, and policymakers to join this significant event global repute. Let us work together to forge a path towards a more sustainable and resilient future for our communities and the environment.

Looking forward to your active participation and fruitful deliberations.

Warm regards,

**Ghanshyam Prasad**  
Patron, ICOLD 2024, President CBIP and  
Chairperson, Central Electricity Authority and  
Ex Officio Secretary to Govt. of India



## Invitation from President ICOLD

Michel Lino,  
President,  
International Commission on Large Dams  
(ICOLD)

Dear Colleagues and Friends of ICOLD,

I am thrilled to extend a heartfelt invitation on behalf of the International Commission of Large Dams (ICOLD) to our esteemed 106 National Committees. It is with great pleasure that we invite you to send delegates and accompanying persons to the highly anticipated 92nd Annual Meeting of ICOLD, scheduled to take place in the vibrant capital city of India, New Delhi, from 29th September to 3rd October, 2024.

New Delhi offers a captivating opportunity to immerse yourself in the country's rich culture, heritage, and warm hospitality. As a hub of ideas and innovation, the city provides the perfect backdrop for this event, bringing together experts & professionals from around the world. Furthermore, October in India presents delightful weather conditions, setting the stage for an enjoyable and unforgettable experience.

The diligent Indian National Committee on Large Dams (INCOLD) will be hosting the 92nd Annual Meeting and International Symposium of ICOLD, offering an exceptional program in a captivating setting. Building upon the successes of previous gatherings organized by INCOLD, including Congresses in 1951 and 1979, as well as the Annual Meeting in 1998, we eagerly anticipate a remarkable and unforgettable ICOLD 2024 92nd Annual Meeting and International Symposium.

The theme of the ICOLD 2024 International Symposium is "**Dams for People, Water, Environment & Development**" emphasizing the critical role of dams in sustainable development and environmental protection. The event will feature a diverse range of technical sessions, plenary talks, and panel discussions, providing an excellent platform for participants to share experiences, insights, and best practices while fostering mutual learning. Alongside the technical program, there will be ample opportunities for networking and socializing, including cultural events, technical tours, and social activities, enabling you to immerse yourself in the local culture and experience the warm hospitality of the host country.

India holds a prominent position as a strong and longstanding member of ICOLD, boasting an impressive track record of over 6300 dams, with approximately 411 dams currently under construction. The nation stands as a global leader in the development of vital water infrastructure, spearheading significant projects such as the Bhakra, Koldam, Tehri Dam, Bichom Dam and Subansiri Lower projects, as well as the World Bank-supported Dam Rehabilitation Improvement Projects (DRIP). These modern water infrastructure endeavors, supported by INCOLD, have made substantial contributions to the sustainable growth of India's agriculture, water supply, and power sectors, effectively meeting the escalating demands of a dynamic nation.

With utmost confidence, we assure you that the 2024 Annual Meeting & International Symposium will be a resounding success. We encourage you to mark your calendars and join us in New Delhi, India, in September 2024. I am looking forward to your presence at this prestigious event.

Yours sincerely

**Michel Lino**  
President, ICOLD



## Invitation from the President, INCOLD

R.K. Vishnoi,  
President, Indian Committee on Large Dams (INCOLD) &  
Chairman & Managing Director, THDC India Ltd.

Dear ICOLD Members, Colleagues, Ladies and Gentleman,

Greeting from the Indian Committee on Large Dams (INCOLD)!

It is an honor for Indian Committee on Large Dams (INCOLD), to extend a cordial invitation to you and your companion to attend the 92nd ICOLD Annual Meeting of the International Commission on Large Dams and take part in the Symposium on 'Dams for People, Water, Environment & Development, scheduled from 29th September to 3rd October, 2024 in India at New Delhi. As President INCOLD, I would also like to Invite all the Departmental Heads, Seniors Professionals & Young Engineers dealing with Dams related activities in India to this prestigious event.

India ranks 3rd globally in terms of number of dams in the World and has built around 6300 dams which include Shivasamudram, Bhakra, Tehri, Indra Sagar, Hirakud, and many more mega projects and around 411 dams which include Subansiri Lower, Vishnugad Pipalkoti etc. are under construction stage. India has made commendable progress in building Dams in the past decades and is also helping neighboring Countries in building dams which include Arun-III HEP, West Seti in Nepal and many more other projects. India has also undertaken the world's largest dam rehabilitation and improvement project (DRIP) for its existing Dams.

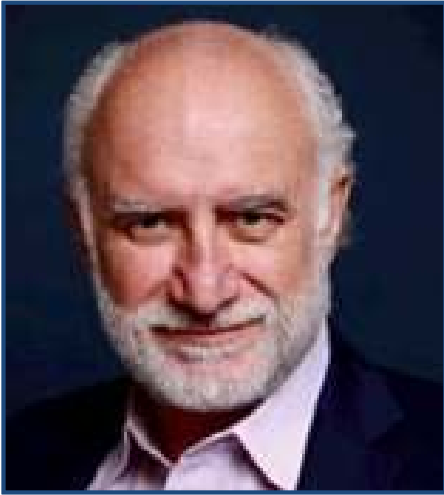
The 92nd ICOLD Annual Meeting & Symposium will provide a forum where Policy makers, researchers, engineers, managers, stakeholders, and manufacturers, contractors, working in the field of Energy & Water Resources Management are going to exchange views and experiences to acquaint about the latest innovation, on various aspects of Integrated Reservoir Management, Climate Change adaptation, challenges in Dam Construction and their solution, etc. and other issues related to dam safety.

It will be a pleasure for us to meet and welcome all the delegates in New Delhi, India for the above important event.

Warm Regards

**R.K. Vishnoi**

President, INCOLD



## Invitation from the Secretary General, ICOLD

Mr. Michel de Vivo,  
Secretary General,  
International Commission on Large Dams  
(ICOLD)

On behalf of the International Commission on Large Dams (ICOLD), I have the distinct pleasure of inviting our esteemed members along with their accompanying persons to New Delhi (India) for participation in the 92nd Annual Meeting of ICOLD & International Symposium, scheduled to take place at New Delhi (India) from 29th September to 3rd October 2024.

I believe that this overall programme is going to provide a forum for the exchange of knowledge and experience on the subject amongst Policy makers, Dam owners, dam professionals, institutions, scientists, and industry from all over the world who are expected to participate in this event.

I am looking forward to the presence of most of the associated individuals and member countries of ICOLD and request them all to mark their calendars for their participation in ICOLD 92nd Annual meeting & international symposium.

**Mr. Michel de Vivo**

Secretary General, ICOLD

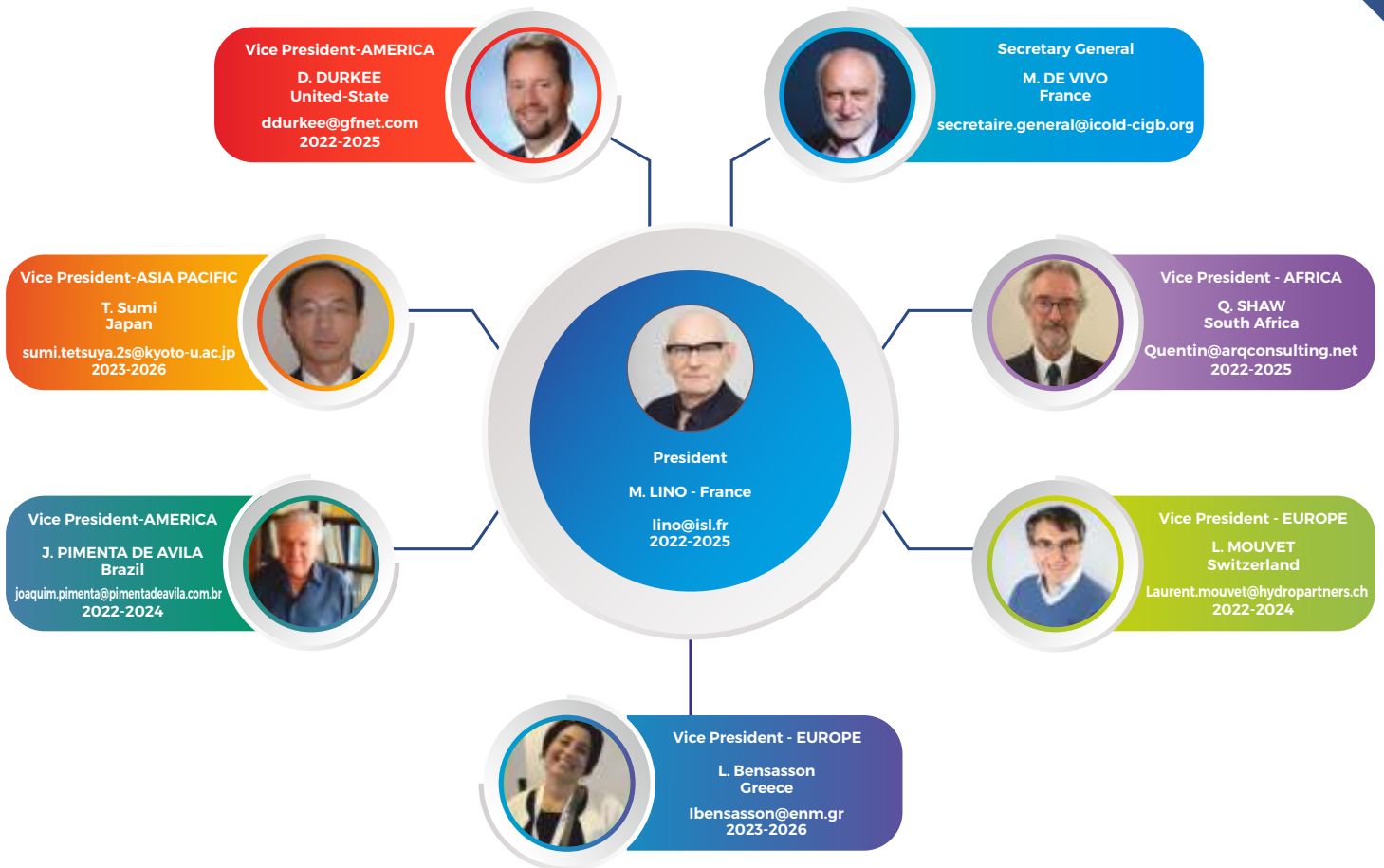
## ABOUT ICOLD

The International Commission on Large Dams (ICOLD) is a non-governmental international organization which provides a forum for exchange of knowledge and experience in dam engineering. ICOLD is a leader in setting standards and guidelines to ensure that dams are built and operated safely, efficiently and economically, and are environmentally sustainable and socially equitable. ICOLD was founded in 1928 with Head quarter at Paris. Every year, ICOLD holds an Annual Meeting and Symposium in a selected country.

ICOLD membership consists of the National Committees of 106 countries. The Indian National Committee on Large Dams (INCOLD) is the National Committee representing India.

Technical Committees of ICOLD are the heart of the organization. Membership on each Committee is determined by the needs of the Committee and the countries that choose to be represented. An important part of the annual ICOLD event is the opportunity for all delegates to observe the meetings and workshops of the Technical Committees and interact with experts from other countries.

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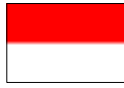
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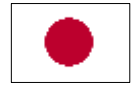
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SYRIA



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THAILAND



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UGANDA



UKRAINE



UNITED KINGDOM



URUGUAY



USA



UZBEKISTAN



VENEZUELA



VIETNAM



ZAMBIA



ZIMBABWE

## ICOLD TECHNICAL COMMITTEES

On **29th September 2024 (Sunday)**, the **ICOLD Technical Committee workshops** will be held. They aim to present and discuss the content of new work for technical committees in their start-up phase or to present the results of technical committees at the end of their mission. The Workshops are open for all delegates & no pre-registration is necessary. The programme of ICOLD TC workshops and meeting is available on the event website. **Workshops are included in the registration fee for the Annual Meeting.**

On **30th September 2024 (Monday)**, **ICOLD Technical Committee Meetings** will be held. All the Delegates are welcome to participate in the technical committee meeting as observer. No pre-registration is necessary. The program schedule of these meetings is available on the event website .

## TECHNICAL COMMITTEES

<b>A.</b>	Computational aspects of analysis and design of dams (2023-25)	<b>N.</b>	Public awareness and education (2021-24)
<b>B.</b>	Seismic aspects of dam design (2023-26)	<b>O.</b>	World register of dams and documentation (2021-24)
<b>C.</b>	Hydraulics for dams (2021-25)	<b>P.</b>	Cemented material dams (2020-25)
<b>D.</b>	Concrete dams (2021-24)	<b>Q.</b>	Dam surveillance (2023-24)
<b>E.</b>	Embankment dams (2023-27)	<b>RE.</b>	Resettlement due to reservoirs (2021-24)
<b>F.</b>	Engineering activities with the planning process for water resources projects (2014-25)	<b>S.</b>	Flood evaluation and dam safety (2020-24)
<b>G.</b>	Environment (2020-25)	<b>TRS.</b>	Tropical residual soils (2023-26)
<b>H.</b>	Dam safety (2021-24)	<b>T.</b>	Prospective and new challenges for dams and reservoirs in the 21st century (2023-27) (ad hoc committee)
<b>HWS.</b>	Historical water structures (Water Heritage) (2021-24)	<b>U.</b>	Dams and river basin management (2021-24)
<b>I.</b>	Public safety around dams (2022-25)	<b>V.</b>	Hydro mechanical equipment (2023-26)
<b>J.</b>	Sedimentation of reservoirs (2023-26)	<b>X.</b>	Financial and advisory (ad hoc committee)
<b>K.</b>	Integrated operation of hydropower stations and reservoirs (2023-27)	<b>Y.</b>	Climate change (2023-24)
<b>L.</b>	Tailings dams & waste lagoons (2023-27)	<b>Z.</b>	Capacity building and dams (2021-24)
<b>LE.</b>	Levees (2018-24)	<b>ZA1.</b>	World Deceleration on the Role of Dam in the Energy Transition climate change (2023-25) (ad hoc committee)
<b>M.</b>	Operation, maintenance and rehabilitation of dams (2023-26)	<b>ZA2.</b>	Gender Diversity and inclusion (2023-25) (ad hoc committee)
<b>ZX2.</b>	Young Engineers	<b>ZX4.</b>	Joint members for Committee E and M

On 30th September (Monday evening) the regional club meetings (4 nos.) will be held. The meetings are organised to facilitate the exchange of knowledge and experience between the regional countries. All the delegates are welcome to join their respective regional club meetings.

## Program at a Glance

Day	General Program	Technical Exhibition	Social Program	Workshops & Short Courses
Pre Conference Tours				
Friday, 27th September, 2024	<ul style="list-style-type: none"> <li>• Meeting of ICOLD Board</li> </ul>		<ul style="list-style-type: none"> <li>• Dinner of ICOLD Board &amp; INCOLD Representatives</li> </ul>	<ul style="list-style-type: none"> <li>• ICOLD Committees L &amp; Q - Short Course</li> </ul>
Saturday, 28th September, 2024	<ul style="list-style-type: none"> <li>• Meeting of ICOLD Board</li> <li>• Meeting of ICOLD Board &amp; Chairman of Technical Committee</li> <li>• Meeting of ICOLD Board &amp; Local Organizing Committee</li> </ul>		<ul style="list-style-type: none"> <li>• Dinner of ICOLD Board, Local Organizing Committee, Chairman of ICOLD Technical Committee &amp; Accompanying Persons</li> </ul>	
Sunday, 29th September, 2024	<ul style="list-style-type: none"> <li>• ICOLD Technical Committee Workshops,</li> <li>• Young Professional Forum Workshop</li> <li>• Young Professional Meeting</li> <li>• Workshop on "World Declaration on the Role of Dam in the Energy Transition &amp; Climate change"</li> </ul>	<ul style="list-style-type: none"> <li>• Opening of Technical Exhibition</li> </ul>	<ul style="list-style-type: none"> <li>• Welcome Reception</li> </ul>	
Monday, 30th September, 2024	<ul style="list-style-type: none"> <li>• ICOLD Technical Committees Meetings</li> <li>• Regional Club Meetings</li> </ul>	<ul style="list-style-type: none"> <li>• Exhibition all day</li> </ul>	<ul style="list-style-type: none"> <li>• ICOLD Board Specific Reception</li> <li>• European Club Network Event</li> </ul>	
Tuesday, 1st October, 2024	<ul style="list-style-type: none"> <li>• International Symposium Opening Ceremony</li> <li>• Press conference</li> <li>• Symposium continued</li> <li>• Workshop on "Derna &amp; Bu Mansur Dam Failure - Libya"</li> <li>• Workshop on "African Regional Initiative"</li> <li>• Francophone Delegates Meeting</li> <li>• Poster Session</li> </ul>	<ul style="list-style-type: none"> <li>• Exhibition all day</li> </ul>	<ul style="list-style-type: none"> <li>• Cultural Evening</li> </ul>	<ul style="list-style-type: none"> <li>• INCOLD Workshop</li> </ul>
Wednesday, 2nd October, 2024	<ul style="list-style-type: none"> <li>• International Symposium</li> <li>• Poster Session</li> </ul>	<ul style="list-style-type: none"> <li>• Exhibition half Day</li> <li>• Excursion Tour</li> </ul>	<ul style="list-style-type: none"> <li>• ICOLD Board Specific Reception</li> <li>• Social Night &amp; Networking event for Young Professional</li> </ul>	<ul style="list-style-type: none"> <li>• INCOLD Workshops</li> </ul>
Thursday, 3rd October, 2024	<ul style="list-style-type: none"> <li>• General Assembly</li> </ul>		<ul style="list-style-type: none"> <li>• Closing Ceremony &amp; Farewell Dinner</li> </ul>	<ul style="list-style-type: none"> <li>• INCOLD Workshops &amp; Short Course by CDA</li> </ul>
Pre Conference Tours				

Note : Local City tours/sightseeing & Accompanying Persons tours/activities are also designed.

# Symposium Theme

## Dams for People, Water, Environment and Development



### Integrated Reservoir Management (Basin Approach)

- Synchronous operation of multiple dams in the same river basin - flood control, storage optimization,
- optimization of hydropower generation, etc.
- Data Acquisition, Data Sharing, monitoring and decision making for Integrated Reservoir Management.



### Dams and Renewable Energy

- Economic contribution of dam based renewable energy
- Pumped storages hydropower
- Dam based renewable energy and sustainability



### Dam Safety Management and Engineering

- Dams- perceptions and realities of risk
- Risk Informed Dam Safety Management – The Systems Approach
- Whether there should be uniform criteria for design of new dams and safety assurance of existing dams - logical issues, benefits, limitations, consequences, etc.
- Dealing with hazard and risks in the context of developing societies
- Dam safety real time safety assessment, inspection and monitoring
- Resilient dams for safe communities



### Dams and People

- Multiple uses of dams and reservoirs in consideration of water security, flood control and allied benefits
- Long term impacts of dams on water security and economy of communities
- Economic opportunities associated with dams, reservoirs and hydropower plants for local communities
- Tourism opportunities with dams and reservoirs



### Dams and Climate Change Adaptation

- Adaption measures - Revision in Design flood, Dam hydrology and spillways; Case Studies
- Optimizing reservoir operation in consideration of water security, protection of communities from flooding, river ecology and addressing conflicting interests of stakeholders
- Global guidelines and national approaches
- Occurrences of extreme events and their causes



### Dam Engineering and Construction

- Advances in analysis and design
- Challenges in construction of dams and their solutions
- Advances in spillways and energy dissipation arrangements
- Addressing Challenges related to dam foundations
- Roller Compacted Dams
- Tailing Dams



### Evolving with modern technology for construction of dams

- Advanced materials for construction of dams
- Building Information Modelling (BIM) and use of Drones for efficient construction progress monitoring of dams
- Integration of conventional construction equipment with Robotic technology for building dams in time and cost effective manner



## Dam Rehabilitation and Improvement

- Diagnostic analysis and Rehabilitation of aging dams
- Residual life assessment of dams
- Underwater robotic inspection for health assessment of dams.
- Digital asset management by use of augmented and virtual reality platforms for safety of dams
- Advanced materials for rehabilitation and improvement of dams



## Environmental and Social Aspects

- Ecological considerations in planning, design, construction and operation of dam and hydropower projects
- Environmental enhancement during heightening and upgradation
- Stakeholder involvement in environment management of dam and hydropower projects
- Sustainable development through dams and hydropower

# WORKSHOP

## Venue : Bharat Mandapam, ITPO

The Indian Committee on Large Dams (INCOLD) is offering the seven workshops and a special session on “Innovative Financing of Dam Projects for High Penetration of Renewable Energy” from 1st October - 3rd October, 2024 during the ICOLD event. The workshop will be organized in association of ICOLD international experts, National Dam Safety Authority, India (NDSA), Central Water Commission, India (CWC) & World Bank to update the knowledge of professionals working with Govt. as well as private agencies who are involved with the development of dam engineering. These workshops will provide an opportunity to the participants for dissemination of the international state of the art and good practices by interacting with world renowned experts who will be sharing their experiences while delivering lectures and presenting the Case studies.

Workshops are included in the registration fee for the Annual Meeting and it is possible to register for these workshops in addition to participation in the event, registration is mandatory

The schedule is as under :

### Workshop 1-Application of Geosynthetics in Dam Engineering

#### Half day Session

**Date: 02.10.2024 (09:00 – 13:00 hrs)**

The application of geosynthetics in dam engineering is gaining significant traction in emerging India as well as around the world due to their versatility, cost-effectiveness, and performance benefits. In dam engineering, they serve various functions, including reinforcement, filtration, drainage, and erosion control.

Important dam projects in India like Tehri Dam, Sardar Sarovar Dam, Indira Sagar Dam etc. have successfully incorporated geosynthetics, demonstrating their effectiveness and benefits. As India continues to invest in its infrastructure, the use of geosynthetics will likely become even more prevalent, contributing to safer, more efficient, and more sustainable dam engineering practices.

#### The workshop will cover the following topics:

- Repairs of dam components subjected to dynamic loads with application of geosynthetics.
- Geosynthetics Application in sediment management of Dam Reservoir and regulated rivers.
- Long-Term Performance of Polyethylene Geomembrane for Efficient Water Conservation.

## **Workshop 2- Seismic response Analysis of dam –Numerical Analysis**

### **Full day Session**

**Date: 03.10.2024 (09:00 – 17:00 hrs)**

Seismic response analysis like Seismic Hazard Assessment, Ground Motion Analysis, Dynamic Analysis, Structural Assessment and Mitigation and Design Considerations for a dam involves studying the dynamic behaviour of the dam under earthquake conditions to assess its stability, integrity, and potential for failure.

Numerical analysis of a dam involves using computational methods and techniques to evaluate the behaviour, performance, and safety of the dam structure. It is commonly applied in some key areas like Structural Analysis, Seepage and Hydraulic Analysis, Slope Stability Analysis, Earthquake Response Analysis and Dam Break Analysis.

#### **The workshop will cover the following topics:**

- Seismic Design Criteria of Large Dams and Selection of Ground Motion parameters.
- Methods Of Seismic Analysis Of Large Concrete And Embankment Dams.
- Finite Element Modeling and Stress Analysis of Concrete Gravity Dams.
- Quantification of seismic wave scattering considering site-specific SPT borehole data-based non-uniformity and seismic absorbing boundary conditions.
- Seismic Design of Dams including Embankments.
- Preparing Dam Foundation in Seismically Active Zone

The second half of the workshop session (14:00 – 17:00 hrs.) will be organized by MIDAS. The topics that will be covered during the workshop include:

- Seismic analysis of a concrete gravity dam - hydrodynamic forces as Westergaard's added mass and sloshing fluid medium using Midas FEA-NX software
- Crack propagation in the dam under seismic loading using the concrete smeared crack model using Midas FEA-NX software

## **Workshop 3- Design of Tailings Dams for Closure**

### **Half day Session**

**Date: 02.10.2024 (13:00 – 17:00 hrs)**

INCOLD in collaboration with ICOLD Technical Committee “L” is organizing half day session on “Design of Tailing Dams for Closure at Bharat Mandapam, ITPO on 2nd October, 2024

A thought-provoking workshop looking to seriously consider how to “design for closure” and meet the intent of new Standards and Guidelines with keynote addresses from leading international practitioners and workshop discussions to help guide future ICOLD guidance on this issue.

#### **The workshop will cover the following topics:**

- Closure Fails - legacy closure issues
- Assessing closure options - making informed decisions
- Alternative Processing/reprocessing
- Tailings Reuse - what are realistic opportunities for reprocessing tailings
- Landform Design - Building a landform from scratch
- Landform and cover considerations
- **For more information contact [david.brett@ghd.com](mailto:david.brett@ghd.com), [contact@incold.co.in](mailto:contact@incold.co.in) or visit our website: [www.icold2024.org](http://www.icold2024.org)**

## **Workshop 4- Risk Informed Dam Safety**

### **Half day Session**

**Date: 02.10.2024 (09:00 – 13:00 hrs)**

INCOLD in association with National Dam Safety Authority is hosting a half day workshop on the “Risk Informed Dam Safety”. Risk-informed procedures are used to assess the safety of Reclamation structures, to aid in making decisions to protect the public from the potential consequences of dam failure, to assist in prioritizing the allocation of resources, and to support justification for risk reduction actions where needed. Risk assessment for dam safety decision-making integrates the analytical methods of traditional engineering analyses and risk-based analysis along with the sound professional judgment of engineers, review boards, and decision-makers in determining reasonable actions to reduce risk at Reclamation facilities.

### **The workshop will cover the following topics:**

- Dam Health Monitoring Dam Health Monitoring by Analysis & Interpretation of Dam Instrumentation Data Management.
- Cementitious grouting of Masonry dams.
- Dam Safety and Protocol for Enhancing Climate Resilience of Existing and New Dams.
- fragility analysis of concrete gravity dams
- Structural Health Monitoring Dams & Water Retaining Bodies under DRIP Project

## **Workshop 5- Dam Repair & Rehabilitation – Deciding, Design & Safety Criteria**

### **Half day Session**

**Date: 01.10.2024 (14:00 – 17:00 hrs)**

INCOLD in association with Central Water Commission (CWC) is hosting a half day workshop on the “Risk Informed Dam Safety”. 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.

### **The workshop will cover the following topics:**

- Dam Break Analysis (DBA) and Emergency Action Plan (EAP), a Case Study-Driven approach with Government Processes Re-Engineering for Enhancement & Potential Improvement under Dam Rehabilitation and Improvement Program (DRIP) with compliances to the Dam Safety Act 2021 in India
- Earthquake Vulnerability & Risk Assessment of Dams.
- Climate Change Response Strategies for Dam Authorities.
- Development of a Stilling Basin with Diverging Side Walls.
- Performance Evaluation, Safety Assessment, Cost-Benefit Analysis, Augmentation: Virtual Reality Platform & underwater Robotics Inspection.

## **Workshop 6- Sedimentation Management in Reservoirs for Sustainable Development**

### **Full day Session**

**Date: 03.10.2024 (09:00 – 17:00 hrs)**

Effective sedimentation management in reservoirs is essential for sustainable development, ensuring that reservoirs can continue to provide critical services such as water supply, flood control, and hydroelectric power. By combining engineering solutions, innovative technologies, policy frameworks, and community involvement, sustainable sediment management can be achieved, contributing to the long-term viability of water resources and the overall health of ecosystems.

### **The workshop will cover the following topics:**

- Spatial Interpolation of Sediment Yield Estimated from Reservoir Siltation Data of India
- Reservoir Sedimentation using Remote Sensing and GIS.
- Exploring the efficacy of Magnitude Frequency Analysis in managing reservoir sedimentation.

## **Workshop 7- Pumped Hydro Power Storage – The Need to Support High Penetration of Renewable Energy.**

### **Full day Session**

**Date: 03.10.2024 (09:00 – 17:00 hrs)**

A full day workshop on “PSH-for meeting energy storage need to support high penetration of RE in Indian Grid” on 3rd October, 2024 during the ICOLD 2020 event is proposed so that world community can deliberate and some doable action may be undertaken by all stakeholders. The underlying drivers of PHS deployment i.e. technical, economic, market, and policy drivers have caused decision-makers to invest in the large scale energy storage provided by PHS in other countries and how such investment can be encouraged in India. Quantifying the value of unique range of possible flexibility capabilities provided by hydropower and how the cost is to be distributed between different stakeholders. As hydropower developments are multipurpose activity, value of hydropower and reservoir to society in terms of water management services should be evaluated and accounted for.

### **The workshop will cover the following topics:**

- Design and Engineering Considerations.
- Construction and Project Management.
- Integration of Pump Storage with Renewable Energy.
- Economic and Financial Analysis.
- Future Perspectives and Research Directions.

## **Workshop 8-“World Declaration on the Role of Dam in the Energy Transition & Climate change”**

**Session Duration - 01:30 hrs.**

**Date: 29.09.2024 (17:00 – 18:30 hrs)**

## **Workshop 9 - “Derna & Bu Mansur Dam Failure - Libya”**

**Session Duration - 01:30 hrs.**

**Date: 01.10.2024 (14:00 – 15:30 hrs)**

## **Workshop 9 - “African Regional Initiative”**

**Session Duration - 01:30 hrs.**

**Date: 01.10.2024 (15:30 – 17:00 hrs)**



## **Special Session on “Innovative Financing of Dam Projects for High Penetration of Renewable Energy”**

### **Full day Session**

**Date: 03.10.2024 (09:00 – 17:00 hrs)**

During the ICOLD 2024 event a Special session on “Innovative Financing of Dam Projects” will be organized by ICOLD to have presentations from ICOLD, World Bank, Asian Development Bank, Africa Development Bank, REC and Power Finance Corporation followed by panel discussions about the modalities and various aspects of financing the dam projects (new dams as well as rehabilitations). The broad topics likely to be covered up during the session are key elements in dam projects financing including leverage financing from private sector, Donor agencies and contractual options for project implementation.

## **SPECIAL WORKSHOP & SHORT COURSES**

**Venue : CBIP, Malcha Marg, Chanakyapuri, New Delhi**

**Apart from the above workshop, INCOLD is organizing following workshops & short courses in collaboration with CDA & ICOLD Technical Committees: -**

### **Course on “Surveillance and Monitoring for Tailings and Embankment Dams”**

**Date: 27th – 28th September 2024 (09:00-17:00 hrs.)**

ICOLD Technical Committees L and Q have combined to present this short course of interest to engineers, dam operators and dam owners wanting to develop effective surveillance and safety management for tailings and embankment dams. The 2-day course guides attendees from Potential Failure Mode Assessment (PFMA), through visual inspection practice, instrumentation selection, state of the art existing and new technologies and design and interpretation of surveillance data. The course includes presentations from leading international practitioners and panel discussions, with attendees involved in a practical training exercise. Attendees will take part in a surveillance system design exercise with the best design as judged by the presenters receiving a prestigious ICOLD award.

- **Registration for this short course is additional to the general ICOLD 2024 registration fee.**
- **For more information contact [david.brett@ghd.com](mailto:david.brett@ghd.com), [contact@incold.co.in](mailto:contact@incold.co.in) or visit our website: [www.icold2024.org](http://www.icold2024.org)**

### **Workshop: Bulletin 194 - Tailings Dams Safety**

#### **Half day Session**

**Date: 03.10.2024 (08:00 – 13:00 hrs.)**

Having dedicated valuable time into the development of the first comprehensive ICOLD bulletin related to good design and good governance of tailings facilities, the ICOLD Technical Committee L on Tailings Dams has embarked on a journey to get the content of the bulletin out to designers of tailings facilities, operators, and regulators.

For more information contact [herve.wakitambo@wsp.com](mailto:herve.wakitambo@wsp.com), [contact@incold.co.in](mailto:contact@incold.co.in) or visit our website: [www.icold2024.org](http://www.icold2024.org)

## **CDA Short Course on “Tailings Dam Breach Analysis” (TDBA)**

### **Half day Session**

**Date: 03rd October, 2024 (13:00- 18:00 hrs.)**

The Tailings Dam Breach Working Group (WG) who prepared the bulletin is giving a training course on the use and application of the bulletin. The objectives of the course are:

- Promote the science of Tailings Dam Breach Analyses and build awareness on the risk of tailings dam failures.
- Present and promote the use of the bulletin.
- Provide training to dam safety professionals on TDBA to undertake such studies for their sites and or projects.
- Share experiences and collect comments from participants to advance current state of practice for TDBA.

The course will focus on the tailings dam specific issues and challenges that are critical to capture in such studies, which become more apparent from some of the recent catastrophic tailings dam failure, including Brumadinho dam failure in 2019 in Brazil.

- Registration for this short course is additional to the general ICOLD 2024 registration fee.
- For more information contact Mamun.AIMamun@tetrattech.com, contact@incold.co.in or visit our website: [www.icold2024.org](http://www.icold2024.org)

**Note: In addition to above, ICOLD Committee L - Tailings and Waste Lagoons are planning a pre-conference site visit. For more information contact Mamun.AIMamun@tetrattech.com, contact@incold.co.in or visit event website: [www.icold2024.org](http://www.icold2024.org)**

## YOUNG PROFESSIONALS



INCOLD invite all the young professionals of the ICOLD & Hydropower family to New Delhi, India, and be part of this magnum opus event of ICOLD i.e. Dams for People, Water, Environment & Development. The INCOLD Young Professionals Forum (YPF) has experienced exponential growth in participation, making it one of the most active forums within ICOLD. The upcoming ICOLD 2024 event will provide a unique learning opportunity for early-career professionals worldwide. The program is designed to integrate young professionals into all aspects, with specific events and initiatives tailored to their development.

India, home to the world's largest young population, ranks third globally in the number of large dams and is spearheading one of the world's largest Dam Rehabilitation schemes. This positions India as a leader in combining experience, engineering expertise, and youthful energy.

Attendees at ICOLD 2024 are encouraged to participate in Technical Committee meetings, workshops, the Symposium, and other events. This engagement will allow them to interact with global technical experts and contribute to the development of leading practices. ICOLD 2024 promises to be an enriching experience, fostering the growth and integration of young talent in the field of dam engineering and rehabilitation.

### The Young Professional program will include:

- ICOLD Young Professionals Forum
- Networking event for young professionals
- Young professional paper award & poster award
- Young Professional Mentorship opportunities
- Information booth in Exhibition Hall
- **Young Professionals Forum Meeting:** Join the 12th Annual Meeting of the Young Engineers Forum, a valuable opportunity to connect and engage with other young professionals in ICOLD. All ICOLD members aged 40 and under have the right to vote at this meeting.
- **Networking Event for Young Professionals:** Welcome to a delightful evening on Wednesday, October 2nd, exclusively for young professionals, held in the exhibition hall at ITPO New Delhi. The cost is included in the registration fee.
- **Young Professional Paper & Poster Award:** The INCOLD committee will present awards for the best paper and best poster presented by a young professional at the Symposium.

**Note: for the purposes of registration delegates are to be 35 years of age or under as of the 1st September, 2024. However, participation in the ICOLD Young Professionals Forum, and their activities, 40 years of age and under**

Don't miss this extraordinary opportunity to advance your career and contribute to the future of dam engineering. Join us at ICOLD 2024!

## REGISTRATION FEE

Registration Category		Registration Fees	
		Early Bird rate	Normal Rate
		Until 31st May 2024	
<b>OTHER COUNTRIES</b>	ICOLD Member Countries (Full Registration)	USD 1350	USD 1500
	ICOLD Non-Member Countries (Full Registration)	USD 1530	USD 1700
	Young Delegates & Research Student (Age 35 & Younger) (Full Registration)	USD 675	USD 750
	Only ICOLD Symposium	USD 675	USD 750
	Only INCOLD Workshop – 8 Nos.	USD 675	USD 750
	Accompanying Person	USD 500	USD 500
<b>SAARC COUNTRIES</b>	SAARC Delegates (Full Registration)	₹ 31,500	₹ 35,000
	Young Delegates & Research Student (Age 35 & Younger) (Full Registration)	₹ 15,750	₹ 17,500
	Only ICOLD Symposium	₹ 18,000	₹ 20,000
	Only INCOLD Workshop- 8 Nos.	₹ 18,000	₹ 20,000
	Educational Institutions – Symposium & Workshop	₹ 18,000	₹ 20,000

### Payment & Correspondence

All Registration & activity fees are subject to tax (\*GST @ 18 %)

The payments for the event including registration fee, sponsorship, space booking for exhibitor, etc. are to made to INCOLD 2024 by the following methods:

- Registration fees will be accepted in USD/INR by Credit card (VISA, Master Card or American

Express) through website [www.icold2024.org](http://www.icold2024.org) or

- By Bank Transfer as per details given below: -

Name of the Account: **INCOLD 2024** | Account No. – **1736002100013853**

Bank Name & Branch: **Punjab National Bank, Chanakyapuri, New Delhi**

IFSC Code: **PUNB0173600** | MICR Code: **110024100** | Swift Code : **PUNBINBDDCG**

Pan No. of INCOLD : **AABAT3238R** | GST No. of INCOLD : **07AABAT3238R2ZY**

**Note: No other method of payment is acceptable. Bank Charges if any shall be borne by Participants.**

## **Registration fee Member and Non-member (Full Delegate Registration)**

### **Includes:**

- Admission to the Annual Meeting, ICOLD symposium, INCOLD Workshops and ICOLD Technical Committee Workshops
- Symposium Proceedings (Digital)
- Access to Technical Exhibition from 29th September to 2nd October, 2024
- Coffee breaks and lunches from 29th September to 3rd October, 2024
- Social programme
- Delegate bag name badge and conference materials

## **Registration fee Symposium/Workshops only**

### **Includes:**

- Admission to the Symposium/workshops
- Access to Technical Exhibition from 1st – 2nd October, 2024 (Registered for Symposium)
- Coffee breaks, lunches, access to technical exhibition and Social activities for symposium only from 1st – 2nd October, 2024 and for workshops only from 2nd – 3rd October, 2024
- Delegate bag, name badge and conference materials

## **Registration fee Young Professional and Research Students**

The Young Professional fee applies if you are 35 years of age or under as of 1st September, 2024. To register as Young Professional you must be able to provide proof of age upon registration on-site.

### **Includes:**

- Admission to the Annual Meeting, ICOLD symposium, INCOLD Workshops and ICOLD Technical Committee Workshops
- Admission to the Young Professional Forum meeting
- Symposium Proceedings (Digital)
- Access to Technical Exhibition from, 29th September to 2nd October, 2024
- Coffee breaks and lunches from, 29th September to 3rd October, 2024
- Social programme
- Networking event for Young Professionals
- Delegate bag, name badge and conference materials

## **Registration fee Accompanying person**

### **Includes:**

- Access to the opening ceremonies of the Symposium
- Coffee breaks and lunches from 29th September to 3rd October, 2024
- Social programme and city tour

## **REGISTRATION CANCELLATION**

A refund of registration fees less a USD 100.00 (+ tax) administration charge will be processed for requests submitted in by email to the ICOLD 2024 Annual Meeting/ Symposium Secretariat not later than 28 August, 2024.

After 28th August, 2024, registration fees are non-refundable.

# SOCIAL EVENTS

## Welcome Reception

**Date: Sunday, September 29**

**Time: 19:30-22:00**

**Venue: Exhibition hall (no. 14 GF) at the venue ITPO, Pragati Maidan, New Delhi**

**Theme: A Symphony of Rhythm**

Experience the rich tapestry of Indian instrumental music, a captivating blend of rhythm, melody, and tradition. A performance featuring a variety of traditional Indian instruments, each with its unique sound and cultural significance.

Price: Included for delegates, exhibitors, and accompanying persons. Pre-registration is mandatory. Mingle and meet with old and new colleagues during the welcome reception and opening of the exhibition at the conference venue.

The Welcome reception includes light finger food, beverage, and entertainment

## Cultural Evening

**Date: Tuesday, October, 01**

**Time: 19:30-22:00**

**Venue: Open Amphitheatre, Bharat Mandapam, ITPO, New Delhi**

**Theme: Regal India**

India, the land of magnificent palaces and imposing forts. The land of a resplendent cultural heritage. Royalty in India over the centuries and millennia and across the length and breadth of the country has been imbued with grandeur, glory and magnificence. Known for their benevolence, good governance and welfare, the illustrious rulers of the various kingdoms over the ages were great patrons of art and culture. Architecture, sculpture, painting, literature, music, dance, name an art form and they all blossomed under the patronage of Royalty. And it is this patronage over the ages that has bequeathed to us our great cultural heritage-the heritage of India.

Price: Included for delegates, exhibitors, and accompanying persons. Pre-registration is mandatory. Mingle with drinks, food and entertainment at Open Amphitheatre, Bharat Mandapam which is exclusive for ICOLD attendees this evening.

## Farewell Dinner

**Date: Thursday October, 03**

**Time: 19:00 - 22:30**

**Venue: Exhibition hall (no. 14 GF) at the venue ITPO, Pragati Maidan, New Delhi**

**Theme: "Bharat Rang" - Colors of India**

Drums of India with musical chanting - There will be a collage of a variety of rare Indian drums & drummers placed at various levels as a preset on stage when the guests arrive at the venue. The musical ensemble will begin after the guests settle down. After the musical prelude, the guests will be welcomed in a traditional Indian aarti. The stage should be cleared as the welcome formalities are being carried out.

Price: Included for delegates and accompanying persons. Pre-registration is mandatory.

The ICOLD 2024 Farewell Dinner includes dinner, beverages, and entertainment.

Dress code: Smart or traditional

# CONFERENCE TOURS

The delegates will have a guided bus city tour of New Delhi on 1st October (Tuesday). Key monuments visited are Humayun's Tomb, Red Fort, Delhi Lutyens and other places.

INCOLD has designated M/s ICE as the Official Professional Conference Organizer (PCO) for the ICOLD 2024 event to streamline conference tours. Delegates can book their various conference tours through the ICOLD 2024 PCO after completing their event registration. The PCO will exclusively manage tour bookings. Delegates may send their requirements and queries directly to the PCO at [tours.icold2024@icem.net.in](mailto:tours.icold2024@icem.net.in).

## PRE - CONFERENCE TOURS

### ENCHANTING KERALA : A JOURNEY THROUGH SOUTH INDIA'S DELIGHTS



Tour Code  
PRET01



Tour Duration  
5 Nights/6 Days



Tour Dates  
23-28 September 2024



Starting at Cochin,  
Ending at Delhi

#### TOUR HIGHLIGHTS:

- Witness the mesmerizing Kathakali Dance show, a 300-year-old classical dance form unique to Kerala.
- Explore the picturesque hill station of Munnar, known for its lush tea plantations and breathtaking vistas.
- Optional trekking adventure through the scenic Letchmi Hills, offering panoramic views of the surrounding landscape.
- Discover the wildlife treasures of Periyar National Park on a thrilling motorboat safari.
- Experience the magic of Kerala's backwaters aboard a traditional houseboat, cruising through serene canals and villages.
- Delve into the rich heritage of Cochin with visits to historic landmarks such as St. Francis Assisi Cathedral, St. Francis Church, and the iconic Chinese fishing nets.



### REGAL RETREATS: EXPLORING THE GOLDEN TRIANGLE DELHI, JAIPUR, AND AGRA



Tour Code  
PRET02



Tour Duration  
4 Nights/5 Days



Tour Dates  
24-28 September 2024



Delhi-Jaipur-Agra  
Delhi

#### TOUR HIGHLIGHTS:

- Delve into the labyrinthine lanes of Old Delhi, where centuries-old monuments like Raj Ghat and Jama Masjid stand as silent witnesses to India's storied past.

- Experience the grandeur of Jaipur, known as the 'Pink City', where magnificent forts like Amber Fort and architectural wonders like Hawa Mahal beckon with tales of valor and romance.
- Marvel at the astronomical prowess of Jantar Mantar and the opulence of City Palace, immersing yourself in Jaipur's rich cultural tapestry.
- Journey through the desert landscapes of Rajasthan, pausing to explore the abandoned splendour of Fatehpur Sikri en route to Agra.
- Stand in awe before the Taj Mahal, a timeless symbol of love and architectural brilliance, and delve into the history of the Mughal Empire at the majestic Agra Fort.
- Indulge in the flavors of India with authentic dining experiences, savoring the culinary delights of each destination.



## COASTAL CHARMS AND CULTURAL CAPITALS: MUMBAI, GOA, AND DELHI DISCOVERY



**Tour Code**  
PRET03



**Tour Duration**  
5 Nights/6 Days



**Tour Dates**  
23-28 September 2024



**Delhi-Mumbai-Goa**  
Delhi

### TOUR HIGHLIGHTS:

- Marvel at the architectural wonders of Mumbai, including the Gateway of India and Chhatrapati Shivaji Maharaj Vastu Sangrahalaya.
- Explore the UNESCO-listed Elephanta Caves, a collection of ancient cave temples dedicated to Lord Shiva.
- Discover the serene beauty and historic churches of Old Goa, including the Basilica of Bom Jesus and Se Cathedral.
- Immerse yourself in the vibrant culture of Panjim City and its colorful markets.
- Witness the grandeur of Delhi's landmarks, such as Raj Ghat, Jama Masjid, and India Gate.
- Experience the spiritual ambiance of Gurdwara Bangla Sahib and marvel at the towering Qutub Minar.





## TEHRI ODYSSEY: DISCOVERING INDIA'S SPECTACULAR HYDROELECTRIC HUB



Tour Code  
PRET04



Tour Duration  
2 Nights/3 Days



Tour Dates  
25- 27 September 2024



Delhi- Rishikesh  
Tehri- Delhi

### TOUR HIGHLIGHTS:

- Experience the tranquility of Rishikesh as you stroll across the legendary Laxman Jhula and visit the ancient Bharat Mandir temple.
- Attend the mesmerizing Aarti ceremony at Triveni Ghat, a sacred ritual that invokes spiritual blessings amidst the serene ambiance of the Ganges River.
- Journey to Tehri and marvel at the architectural wonder of the Tehri Dam, the highest dam in India and the fourth highest in the world, standing majestically at 260.5 meters tall.



## CHILLA BARRAGE CHARISMA: EXPLORING INDIA'S SERENE WATER CONSERVANCY

### TOUR HIGHLIGHTS:



Tour Code  
PRET05



Tour Duration  
3 Nights/4 Days



Tour Dates  
25-28 September 2024



Delhi- Rishikesh  
Haridwar-Delhi

- Explore the spiritual landmarks of Rishikesh, including Laxman Jhula and Bharat Mandir temple.
- Experience the enchanting Aarti ceremony at Triveni Ghat on the banks of the Ganges.
- Visit the Chilla Barrage, a key water conservancy project harnessing the power of the Ganges.
- Learn about the significance of the Chilla Barrage, which serves as a crucial mechanism for water storage, flood control, and irrigation along the Ganges River.
- Gain insights into the environmental impact of the barrage and its role in preserving the delicate ecosystem of the Ganges basin.
- Discover the spiritual sanctuaries of Haridwar, including Har-ki-Pauri ghat and Pareshwar Mahadev temple.



## MAJESTIC WATERS: UKAI DAM EXCURSION



Tour Code  
PRET06



Tour Duration  
Full Day



Tour Dates  
TBD



Delhi - Surat - Delhi

### TOUR HIGHLIGHTS:

- Scenic Drive: Enjoy a scenic 2.5-hour drive from Surat to Ukai, taking in the vibrant landscapes and rural beauty of Gujarat.
- Ukai Dam Visit: Explore the expansive Ukai Dam, a key hydroelectric and irrigation project. Learn about its construction, purpose, and its crucial role in the region's water management.
- Engineering Insights: Gain detailed insights into the engineering marvels and sustainable practices involved in the dam's development.
- Stunning Views: Marvel at the breathtaking views of the reservoir and surrounding greenery, perfect for photography and relaxation.
- Local Culture: Experience the warm hospitality and culture of Gujarat as you interact with locals during the excursion.



## GANGES SERENITY: OVERNIGHT SOJOURN IN VARANASI



Tour Code  
PRET07



Tour Duration  
3 Nights/4 Days



Tour Dates  
25-28 September 2024



Delhi- Rishikesh  
Haridwar-Delhi

### TOUR HIGHLIGHTS:

- Experience the enchanting Ganga Aarti ceremony at Dashashwamedh Ghat, where the sacred waters of the Ganges come alive with fervent devotion and celestial melodies.
- Embark on an early morning boat cruise along the majestic river, beholding the ancient Ghats and witnessing the spiritual fervor of pilgrims paying homage to the Sun God.
- Visit the revered Kashi Vishwanath Temple, also known as the Golden Temple, dedicated to Lord Shiva, and explore other notable landmarks including Bharat Mata
- Mandir, Durga Temple, and Tulsi Manas Mandir.
- Discover the cultural heritage of Varanasi at Banaras Hindu University, home to an impressive art gallery, and explore the historic mosque of Mughal Emperor Aurangzeb.



## POST- CONFERENCE TOURS

### SACRED SOJOURN: EXPLORING THE SPIRITUAL HEART OF AYODHYA



Tour Code  
POST01



Tour Duration  
2 Nights/3 Days



Tour Dates  
04-06 October 2024



Delhi- Ayodhya  
Delhi

#### TOUR HIGHLIGHTS:

- Explore the revered sites of Hanuman Garhi and Ram Janam Bhoomi, where the divine presence of Lord Rama is believed to reside and witness the sacred rituals of Aarti at Saryu Ghat and Ram Ki Paidi.
- Visit the historic Tulsi Bhawan, Nageshwarnath Temple, Dashrath Bhawan, Kanak Bhawan, and Guptarghat, each steeped in mythological lore and spiritual significance.
- Experience moments of tranquility and introspection as you stroll along the holy banks of the river Saryu and partake in rituals of devotion and prayer.
- Delight in the vibrant colors and cultural richness of Ayodhya's local market, where you can shop for souvenirs and immerse yourself in the vibrant tapestry of local life.
- Reflect on your spiritual journey as you bid farewell to Ayodhya and return to Delhi, carrying with you memories of profound faith and divine grace.



### TEHRI ODYSSEY: DISCOVERING INDIA'S SPECTACULAR HYDROELECTRIC HUB



Tour Code  
POST02



Tour Duration  
2 Nights/3 Days



Tour Dates  
04-06 October 2024



Delhi- Rishikesh  
Tehri- Delhi

#### TOUR HIGHLIGHTS:

- Experience the tranquility of Rishikesh as you stroll across the legendary Laxman Jhula and visit the ancient Bharat Mandir temple.
- Attend the mesmerizing Aarti ceremony at Triveni Ghat, a sacred ritual that invokes spiritual blessings amidst the serene ambiance of the Ganges River.
- Journey to Tehri and marvel at the architectural wonder of the Tehri Dam, the highest dam in India and the fourth highest in the world, standing majestically at 260.5 meters tall.

- Join us on this enlightening expedition to witness the convergence of engineering prowess and spiritual reverence amidst the serene landscapes of Uttarakhand.
- Reflect on your spiritual journey as you bid farewell to Ayodhya and return to Delhi, carrying with you memories of profound faith and divine grace.



## CHILLA BARRAGE CHARISMA: EXPLORING INDIA'S SERENE WATER CONSERVANCY



Tour Code  
POST03



Tour Duration  
2 Nights/3 Days



Tour Dates  
04–06 October 2024



Delhi- Rishikesh  
Delhi

### TOUR HIGHLIGHTS:

- Explore the spiritual landmarks of Rishikesh, including Laxman Jhula and Bharat Mandir temple.
- Experience the enchanting Aarti ceremony at Triveni Ghat on the banks of the Ganges.
- Visit the Chilla Barrage, a key water conservancy project harnessing the power of the Ganges.
- Learn about the significance of the Chilla Barrage, which serves as a crucial mechanism for water storage, flood control, and irrigation along the Ganges River.
- Gain insights into the environmental impact of the barrage and its role in preserving the delicate ecosystem of the Ganges basin.



## ENLIGHTENMENT TRAIL: TOUR TO BODH GAYA



Tour Code  
POST04



Tour Duration  
2Night / 3Days



Tour Dates  
04-06 October 2024



Delhi-Bodh Gaya  
Delhi

### TOUR HIGHLIGHTS:

- Chankamana (Jewel Walk): Explore the raised platform adorned with foot impressions of
- Buddha and visit the Tibetan monastery with the Wheel of Law.
- Bodhi Tree: Discover the ancient Bodhi Tree, where Prince Siddhartha attained enlightenment
- and became the Buddha, marking the beginning of Buddhism.
- Maha Bodhi Temple: Experience the serenity of this significant temple, home to a towering statue of Lord Buddha and revered as one of the most important Buddhist shrines.
- Bodhi Sarovar: Visit the tranquil pond where Buddha is
- believed to have bathed before his meditation,
- reflecting on the profound journey to enlightenment.
- The Museum: Delve into the rich history of Buddhism at
- the museum, housing a diverse collection of stone
- sculptures and artifacts managed by the Archaeological
- Survey of India.



## GANGES SERENITY: OVERNIGHT SOJOURN IN VARANASI



Tour Code  
POST05



Tour Duration  
1 Night/2 Days



Tour Dates  
04-05 October 2024



Delhi-Varanasi  
Delhi

### TOUR HIGHLIGHTS:

- Experience the enchanting Ganga Aarti ceremony at Dashashwamedh Ghat, where the sacred waters of the Ganges come alive with fervent devotion and celestial melodies.
- Embark on an early morning boat cruise along the majestic river, beholding the ancient Ghats and witnessing the spiritual fervor of pilgrims paying homage to the Sun God.
- Visit the revered Kashi Vishwanath Temple, also known as the Golden Temple, dedicated to Lord Shiva, and explore other notable landmarks including Bharat Mata Mandir, Durga Temple, and Tulsi Manas Mandir.
- Discover the cultural heritage of Varanasi at Banaras Hindu University, home to an impressive art gallery, and explore the historic mosque of Mughal Emperor Aurangzeb.



## REGAL RETREATS: EXPLORING THE GOLDEN TRIANGLE DELHI, JAIPUR, AND AGRA



Tour Code  
POST06



Tour Duration  
4 Nights/5 Days



Tour Dates  
TBD



Delhi-Jaipur-Agra  
Delhi

### TOUR HIGHLIGHTS:

- Delve into the labyrinthine lanes of Old Delhi, where centuries-old monuments like Raj Ghat and Jama Masjid stand as silent witnesses to India's storied past.
- Experience the grandeur of Jaipur, known as the 'Pink City', where magnificent forts like Amber Fort and architectural wonders like Hawa Mahal beckon with tales of valor and romance.
- Marvel at the astronomical prowess of Jantar Mantar and the opulence of City Palace, immersing yourself in Jaipur's rich cultural tapestry.
- Journey through the desert landscapes of Rajasthan, pausing to explore the abandoned splendour of Fatehpur Sikri en route to Agra.
- Stand in awe before the Taj Mahal, a timeless symbol of love and architectural brilliance, and delve into the history of the Mughal Empire at the majestic Agra Fort.
- Indulge in the flavors of India with authentic dining experiences, savoring the culinary delights of each destination.



### COMPLIMENTARY HALF DAY CITY TOUR



Tour Duration  
Half Day (First Half)



Tour Dates  
01 October 2024

### TOUR HIGHLIGHTS:

The half day sit-back orientation tour of Old and New Delhi would take you around to enjoy the essence of Delhi as a city that has witnessed rise and falls of many Empires which have left behind plethora of monuments that reflects the grandeur and glory of the bygone ages.

We would begin the tour with Old Delhi, viewing gigantic Red Fort, located near the bank of river Yamuna followed by Rajghat - a memorial of Mahatma Gandhi where he was cremated after his assassination in 1948. The narrow roads of Old Delhi would connect us to Kartavaya Path, where we would see 42 meter high India Gate – a war memorial for the soldiers, who lost their life during The World War I. Further, our drive would take us to secretariat buildings - North and South block which houses PM office and other ministries with President House standing in the middle.



## EXCURSION TOURS

### AGRA DISCOVERY: JOURNEY THROUGH HISTORY AND HERITAGE



Tour Code  
SDT-01



Tour Duration  
Full Day



Tour Dates  
02 October 2024

#### TOUR HIGHLIGHTS:

- Discover the rich cultural heritage of Agra, where centuries-old traditions blend seamlessly with modern life.
- Explore the architectural wonders of the city, including the iconic Taj Mahal and the majestic Agra Fort.
- Experience the vibrant atmosphere of Agra's bustling markets, filled with a plethora of handicrafts, textiles, and local delicacies.



### SOCIAL TOURS - LOCAL SIGHTSEEING

- A variety of local tours, including those for accompanying persons, have been arranged for delegates to explore and enjoy Delhi and its surroundings. In addition to these tours, there is much to discover in and around New Delhi.

### DELHI DUALITY: A JOURNEY THROUGH OLD AND NEW



Tour Code  
LOCALT-01



Tour Duration  
Full Day



Tour Dates  
03 October 2024

#### TOUR HIGHLIGHTS:

- Marvel at the towering Qutab Minar, a UNESCO World Heritage Site, and the ancient iron pillar at the Qutub Complex.
- Explore the magnificent Humayun's Tomb, a masterpiece of Mughal architecture and a precursor to the Taj Mahal.
- Admire the architectural splendor of Jama Masjid and Red Fort.

- Drive past iconic landmarks such as India Gate, Rashtrapati Bhavan, and Parliament House, symbols of India's democratic heritage.
- Immerse yourself in the vibrant atmosphere of Chandni Chowk, a bustling market where centuries-old traditions come to life.



## DELHI HERITAGE TRAILS: EXPLORING THE SOUL OF OLD DELHI



**Tour Code**  
LOCALT-02



**Tour Duration**  
Half Day



**Tour Dates**  
03 October 2024

### TOUR HIGHLIGHTS:

- Drive past the iconic Red Fort, a symbol of India's rich architectural heritage.
- Visit Jama Masjid, the largest mosque in India, and admire its magnificent architecture.
- Explore Chandni Chowk on a rickshaw ride or a guided walking tour, immersing yourself in its bustling lanes and vibrant markets.
- Discover the traditional craftsmanship and culinary delights of Chudiwali Gali and Parathe Wali Gali.
- Experience the cultural richness and historical significance of Old Delhi, a treasure trove of heritage and tradition.
- To know detailed itinerary and pricing for tours please send us your query to ICOLD 2024 Professional Conference Organizer (PCO)





# ACCOMPANYING PERSON ACTIVITIES

## FLAVORS OF INDIA: HANDS-ON KEBAB WORKSHOP



Tour Code  
AP01



Tour Duration  
Half Day (First Half)



Tour Dates  
30 September 2024

### TOUR HIGHLIGHTS:

- Introduction to Kebabs: Delve into the rich history and cultural significance of kebabs, spanning various cuisines and regions around the world.
- Ingredient Showcase: Explore a vibrant array of ingredients, from succulent meats to crisp vegetables, and learn tips for selecting the finest quality produce.
- Spice Blending: Discover the art of spice blending as you create aromatic marinades and seasonings that enhance the flavor profile of your kebabs.
- Skewering Techniques: Master the art of skewering with precision and finesse, learning how to thread your chosen ingredients onto skewers for perfect kebabs.
- Grilling Mastery: Fire up the grill and learn techniques for achieving the perfect char and caramelization, ensuring your kebabs are cooked to perfection.
- Presentation and Garnishes: Explore creative presentation techniques and learn how to garnish your kebabs with vibrant herbs and sauces for an eye-catching finish.



## HARMONY WITHIN: YOGA FOR MIND, BODY, AND SPIRIT



Tour Code  
AP02



Tour Duration  
Morning



Tour Dates  
01 October 2024

### TOUR HIGHLIGHTS:

Immerse yourself in the timeless tradition of Yoga, an ancient practice deeply rooted in Indian culture, designed to harmonize mind, body, and soul. Delve into the profound benefits of yoga, renowned for its ability to cultivate inner peace, reduce stress, and enhance overall well-being. Join us for a rejuvenating outdoor session led by an expert

instructor, where you'll learn balancing techniques and mindfulness practices

to invigorate your spirit and awaken your senses in the tranquil embrace of the morning.

Join us for a transformative experience and awaken your inner peace through the ancient wisdom of yoga.

To know the detailed itinerary and pricing for this tour please send your query on the below email ID along with details of the number of pax interested in the tour



## DELHI HANDICRAFTS HAVEN: A SHOPPER'S DELIGHT



Tour Code  
AP03



Tour Duration  
Half Day (Second Half)



Tour Dates  
30 September 2024

### TOUR HIGHLIGHTS:

- Explore the vibrant shops of Delhi, renowned for their rich assortment of Indian handicrafts, offering a glimpse into the country's cultural heritage.
- Indulge in a treasure trove of handcrafted delights, ranging from delicate textiles and intricate jewelry to ornate home decor items, showcasing the unparalleled craftsmanship of local artisans.
- Experience the joy of shopping for authentic Indian handicrafts, each piece a testament to the artistic prowess and cultural diversity of India.



Kindly Contact :

[tours.icold2024@icem.net.in](mailto:tours.icold2024@icem.net.in) for Customized tours options

- Please note that PCO reserve the right to cancel any conference tour if there are insufficient bookings. Additionally, security restrictions may apply to some tours.

## HOTELS ACCOMMODATION

Limited accommodation has been reserved by official PCO in various hotel on special rates for release as per the requirement of participants. INCOLD has designated M/s ICE as the Official Professional Conference Organizer (PCO) for the ICOLD 2024 event to streamline hotel reservations and conference tours. Delegates can book their accommodations and various conference tours through the ICOLD 2024 PCO after completing their event registration. The PCO will exclusively manage hotel reservations and conference tour bookings. Delegates may send their requirements and queries directly to the PCO at [hotels.icold2024@icem.net.in](mailto:hotels.icold2024@icem.net.in).

### Taj Mahal, New Delhi



Taj Mahal, New Delhi, is a luxury 5-star deluxe hotel that has recently undergone a complete renovation, preserved its timeless appeal while incorporating contemporary charm. Situated in the heart of the city, the hotel offers a unique vantage point with views of the leafy boulevards of Lutyens Delhi, adding to its status as an iconic landmark in the historic part of the capital.

**Distance from Airport : 19 Kms**

**Distance from Bharat Mandapam/ ITPO : 5 Kms**



### Le Meridien, New Delhi



The 5-star hotel is an epitome of world-class architecture, cuisine, design and fashion. Located in the heart of the city, the iconic glass building of Le Meridien New Delhi has been recognized as one of the 100 Icons of Delhi. The hotel is readily accessible to city's important facilities and institutions. The shopping hubs Connaught Place and Janpath Market are within walking distance from the hotel. It's a perfect getaway for a business traveler who is also looking for some recreation nearby in the evening. The Le Meridien New Delhi can be summed as a Traveler's Paradise.

**Distance from Airport : 20 Kms**

**Distance from Bharat Mandapam/ ITPO : 4 Kms**



### Hyatt Regency, New Delhi



Escape to the capital of India and experience flagship luxury at Hyatt Regency Delhi. Located in the heart of New Delhi, the hotel provides easy access to Indira Gandhi International Airport, embassies, corporate hubs, iconic tourist attractions, and upscale shopping outlets. Enjoy award-winning fine dining, innovative spa and salon services, state-of-the-art fitness facilities, and exceptional hospitality throughout your stay.

**Distance from Airport : 15 Kms**

**Distance from Bharat Mandapam/ ITPO : 12 Kms**



## The Park, New Delhi



Explore Delhi with THE Park New Delhi, overlooking the stunning historic 18th century observatory Jantar Mantar. Stay close to the famous historic monuments including Jantar Mantar and India Gate, as well as shopping destinations, business districts and the President's Estate. Fall in love with the beautiful artworks at this art inspired hotel, themed on the five elements of nature. Celebrate life with the brand's glamorous entertainment spaces including the high energy bar Agni, poolside restaurant Aqua, specialty restaurant Fire known for its organic authentic Indian cuisine or cool and contemporary Mist offering Italian, Mediterranean and Indian plates.

**Distance from Airport: 20.6 Kms**

**Distance from Bharat Mandapam/ITPO: 4.7 Kms**



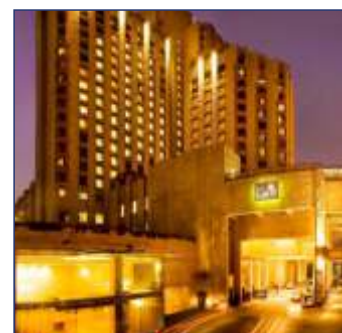
## The LaLiT, New Delhi



The LaLiT New Delhi reflect the ambiance of a private urban residence with amenities of the finest hotels in the city. The LaLiT New Delhi offers one of the most spacious accommodations in the city - beautifully appointed, subtly luxurious and infused with the inimitable LaLiT style and sensibility.

**Distance from Airport : 22 Kms**

**Distance from Bharat Mandapam/ ITPO : 3.5 Kms**



## Eros Hotel, New Delhi



Eros Hotel New Delhi Nehru Place is known for consistently delivering the finest Indian Hospitality experience for over last 25 years. It offers contemporary design and comfort paired with Old World hospitality charm. Facing the magnificent Lotus Temple, this hotel defines indulgence at a whole new level. In spite of being surrounded by the hustle and bustle of mainstream urban life, the hotel boasts an ambiance that speaks of harmony and elegance.

**Distance from Airport : 22 Kms**

**Distance from Bharat Mandapam/ ITPO : 10 Kms**



## Royal Plaza, New Delhi



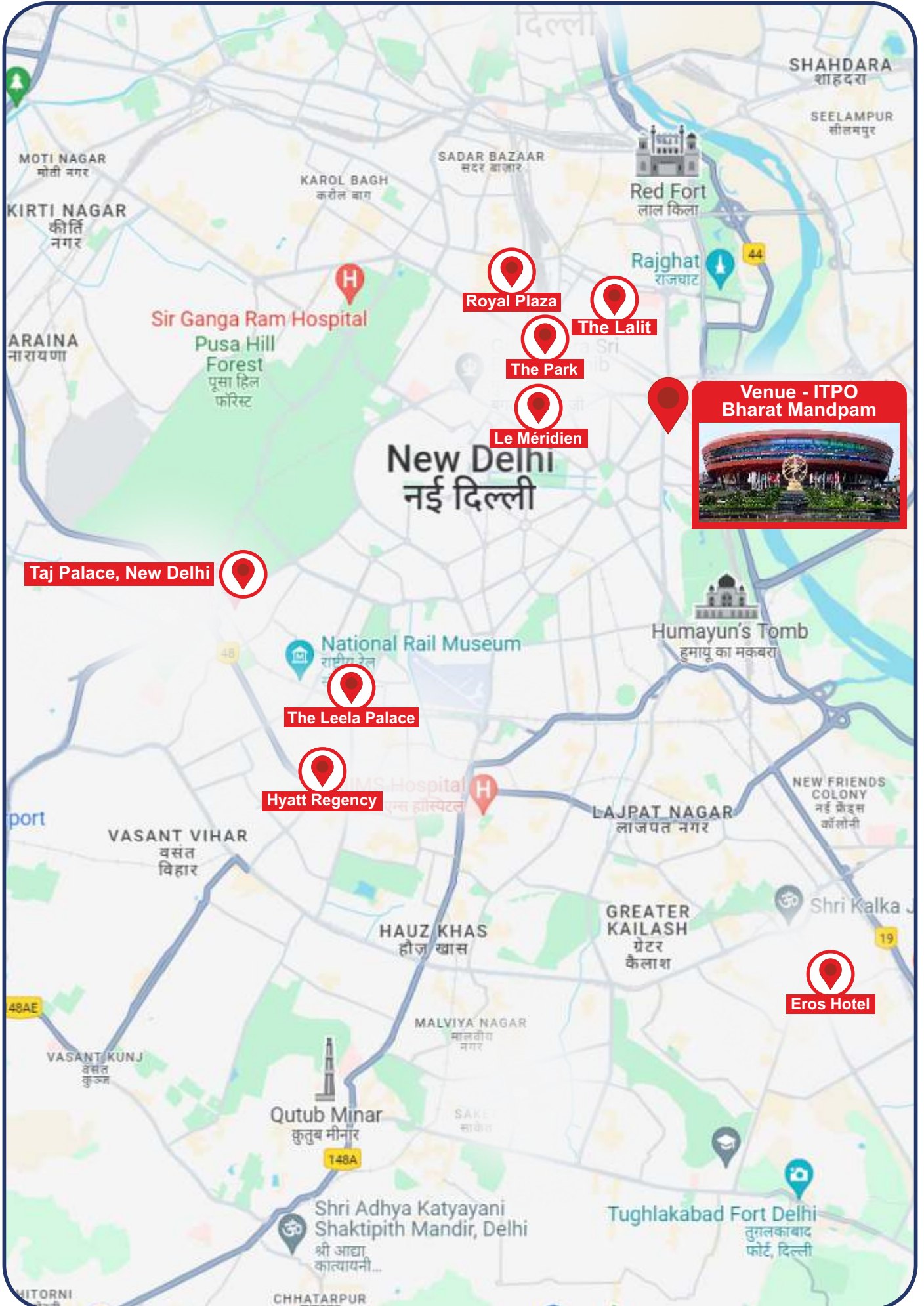
The recently renovated modern deluxe rooms, top quality service and amenities make us the preferred destination both for business and leisure travellers alike. The architecture at the property is Inspired from the Renaissance period which is imminent in its multiple frescos and exquisite marble sculptures.

**Distance from Airport : 20 Kms**

**Distance from Bharat Mandapam/ ITPO : 4 Kms**



# ACCOMMODATION



# EXHIBITION

The central hub of ICOLD 2024 will be a multifunctional Exhibition where products & services of interest to the dam community will be on display. Delegates will visit the exhibition for refreshments, presentations, poster displays & networking.

## Business Opportunity

- Opportunities to showcase your products & services to a broad audience of attendees across all segment of the market.
- Qualified lead generation for new business results
- Branding opportunities to optimize exposure for your company, products & services.
- Cost-efficient networking platform to meet the key players, interact with existing customers & build critical new contacts to grow your business & expand your results.

## The Exhibition will feature:

- All exhibitors in the same hall.
- All ICOLD 2024 activities in the same facility.
- Complimentary food & beverages for delegates in the same facility

## Booth Package

- Booth Package 9m<sup>2</sup> (3 m X 3 m)
- If you do not wish to build your stand, the booth Package is an excellent choice! We will then take care of the basic needs, such as wall panels, electricity, carpeting and complementary furnishings

### For 3 X 3 m Space

**Exhibitor (Space only)**

USD 5600 / INR 4.60 lacs

**Exhibitor (with stand)**

USD 6700 / INR 5.50 lacs

**\*GST extra @ 18%**

## Booth Package with stand includes following services :

- White-Walled Panels
- One Table
- Two Chairs
- Three Spot Lights
- One Plug Point
- One Fascia With Exhibitor's Name
- One Dustbin
- Two exhibitor badges (providing access to the exhibition, coffee and lunch breaks, and the welcome reception and cultural evening from 29th September to 2nd October, 2024.
- For social functions Separate charges are applicable.

### **Booth Package with Stand:-**

- Two exhibitor badges are provided, granting full access to the Symposium, Exhibition, ICOLD Technical Committee Workshops, and INCOLD Exclusive Workshops during the ICOLD 2024 event. This includes coffee and lunch breaks, as well as entry to the Welcome Reception and Cultural Evening from September 29th to October 2nd, 2024.

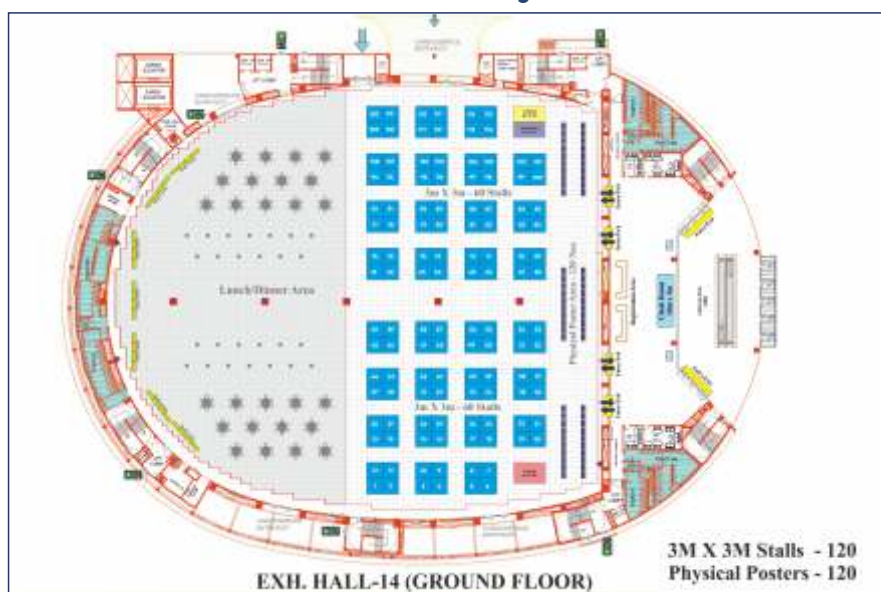
### **Booth Package with Space only:**

- One exhibitor badges are provided, granting full access to the Symposium, Exhibition, ICOLD Technical Committee Workshops, and INCOLD Exclusive Workshops during the ICOLD 2024 event. This includes coffee and lunch breaks, as well as entry to the Welcome Reception and Cultural Evening from September 29th to October 2nd, 2024

### **Booth Package with space only included following services :**

- The Space only option offers you a unique chance to create and build your own stand.
- Please note when booking this service just one table and two chair are included.
- All other services can be booked separately, this information will be provided upon request.
- One exhibitor badges (providing access to the exhibition, coffee and lunch breaks, and the welcome reception and cultural evening from 29th September to 2nd October, 2024
- The number of exhibit spaces is limited
- For social functions Separate charges are applicable.

## **Exhibition Layout**



Please be assured that the booth allocation will be done on first-come, first basis and the organizer reserves the right to alter the layout as may seem appropriate for the smooth conduct of the exhibition. The size of the booth will remain intact.

## **Explore Exceptional Sponsorship Prospects at ICOLD 2024!**

Elevate your company's global presence by seizing exclusive sponsorship opportunities at the upcoming ICOLD 2024 event, set against the vibrant backdrop of India. This annual event serves as a remarkable platform for international exposure, offering you unparalleled visibility.

Participating and collaborating in this prestigious international gathering stands to bring significant advantages to your company. Beyond fostering industry growth, your involvement as a dam owner, service provider, supplier, or regulator will contribute to enhancing the sector as a whole.

By becoming a sponsor, you unlock avenues to showcase your company's services and actively contribute to the event's success & connect with a vast dam community, including dam owners, service providers, material suppliers, industry expats, regulators and professionals around the globe.

### **Sponsors Opportunities**

Sponsors are assured of full visibility with printing of their names on main Banners/signage and other publicity materials related to the event. The sponsoring companies besides promoting their products/services to a focused audience, networking with experts during tea/coffee and lunch intervals and will have the privilege of sending delegates exempted from payment of registration fee for participation in the event. More details about the Sponsorship fee, benefits and payment of sponsorship fee etc. are given in the Table 1.



## SPONSOR OPPORTUNITIES

Opportunities Available	Diamond Sponsor	Platinum Sponsor	Gold Sponsor	Silver Sponsor	Bronze Sponsor	Supporter/ Kit, Lunch or Dinner Sponsor	Young Professionals Social Event Sponsor	Workshop Sponsor
<b>Investment</b>	USD 37,000 (₹30LAC)	USD 31,000 (₹25LAC)	USD 25,000 (₹20LAC)	USD 19,000 (₹15LAC)	USD 13,000 (₹10LAC)	USD 6,100 (₹5LAC)	USD 3,700 (₹2LAC)	USD 2,500 (₹2LAC)
<b>Privileges</b>	4 Delegates & 1 Double booth or 12 Delegates	2 Delegates & 1 Double booth or 10 Delegates	2 Delegates & 1 Single booth or 6 Delegates	1 Delegates & 1 Single booth or 4 Delegates	4 Delegates	3 Delegates	X	X
<b>Exclusive Event Sponsor with Space for pop-up banner</b>	Welcome Reception or Cultural Evening or Farewell Banquet	X	X	X	X	X	X	X
<b>Logo on Home Page of ICOLD 2024 website</b>	✓	X	X	X	X	X	X	X
<b>Speaking Opportunity</b>	✓	X	X	X	X	X	X	X
<b>Event Specific recognition Logo on Promo Materials</b>	✓	✓	X	X	X	X	✓	✓
<b>Logo on Slide at Opening plenary</b>	Logo	Logo	X	X	X	X	X	X
<b>Targeted email to registered delegates</b>	2 Time	1 Time	X	X	X	X	X	X
<b>Use of ICOLD 2024 logo on promo Materials</b>	✓	✓	✓	✓	✓	✓	X	X
<b>Sponsor Recognition sign at booth</b>	✓	✓	✓	✓	✓	✓	X	X
<b>Logo on Mobile App</b>	✓	✓	✓	✓	✓	✓	X	X
<b>Inset in Delegate Bag</b>	✓	✓	✓	✓	✓	✓	X	X
<b>Logo in sponsor page of ICOLD 2024 website link to corp.website</b>	✓	✓	✓	✓	✓	✓	✓	✓
<b>Logo on On-site Signage</b>	✓	✓	✓	✓	✓	✓	✓	✓
<b>Logo on Sponsor Page of Final Bulletin</b>	✓	✓	✓	✓	✓	✓	✓	✓
<b>Sponsor Ribbon</b>	✓	✓	✓	✓	✓	✓	✓	✓

MORE THEN 1500 NATIONAL AND INTERNATIONAL DELEGATES, TOGETHER AT ONE PLATFORM

18% GST will be charged extra

## ABOUT THE VENUE

The Bharat Mandapam Conference Centre is a distinguished venue situated in the heart of New Delhi, where the fusion of innovation and elegance takes center stage. The state-of-the-art facilities seamlessly integrate modern technology with traditional charm, creating an ideal setting for conferences. With spacious and well-equipped conference halls, the venue caters to a range of needs, accommodating both intimate seminars and large-scale conferences. The strategic location ensures easy accessibility for participants, complemented by lush surroundings that foster a serene ambiance conducive to productive discussions and networking.



## CONFERENCE VENUE BHARAT MANDAPAM - IECC



## Language

The main language that will be used during the conference is English. Simultaneous interpretation between English and French will be provided during the following sessions:

General Assembly on Thursday 03rd October, 2024

## Currency

The official currency of India is Indian Rupee (INR)

1 USD (\$) = 83.3 INR (May 2024)

## On-site Registration

The Conference Registration desk is located in Exhibition Hall No. 14 (GF) at ITPO, Pragati Maidan. You do not need to register for the exhibition as the Conference badge gives you full access to it.

Registration opening hours: 08:00 – 16:00 Hrs each day of Event.

To collect your badge on-site you need to bring the email confirmation (electronically in the phone works fine) has been sent to you in advance, containing the bar code. Delegate badges must be worn at all times to gain access to the conference sessions, exhibition and social events.

## Cloakroom

There are cloakroom facilities in the registration area. The organisers cannot be held responsible for damage to or loss of their personal property howsoever caused.

Cloakroom opening hours: 08:00 – 16:00 Hrs each day of Event

## No smoking policy

Smoking is prohibited inside any building, venue, hotels, buses, etc.

## Lost-and-Found

Lost-and-Found will be collected in the registration desk.

## Insurance

The Organisers cannot be held responsible for accidents to participants or for damage to or loss of their personal property howsoever caused.

## Weather

In September, Delhi experiences warm weather with temperatures ranging from 25°C to 30°C

## Electricity

India's electrical supply and outlets (sockets, wall plugs) of 220 Volts and 50 Hertz (cycles per second).

## Visa

Visit to India requires visa.

Individual official letter of invitation will be provided in order to obtain visa authorization.

MHA & MEA clearances will be provided by INCOLD Secretariat

## Distance from Airport

The Indira Gandhi International Airport (Delhi Airport) is approximately a 45 minutes drive from ICOLD 2024 venue. Various modes of transportation are available to reach the venue i.e. Taxi, Metro, Busses

**Symposium & Technical Session:** - All the technical session including workshop & Meeting of ICOLD Technical Committees, Symposium, INCOLD workshops will take place at various room at Bharat Mandapam, ITPO.

**Exhibition:** The Exhibition will take place in Hall No. 14 (GF). The conference participants have automatically access to the exhibition.

Exhibition opening hours is during conference hours.

# OUR PARTNERS

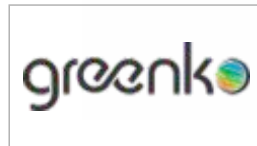
## CO-ORGANIZER



## STATE PARTNER



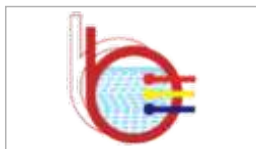
## DIAMOND SPONSOR



## PLATINUM SPONSOR



## SILVER SPONSOR



## BRONZE SPONSOR



## SUPPORTER



## LUNCH SPONSOR



## MEDIA PARTNER





### **INCOLD Appeal**

Looking forward to the world Dam professionals and ICOLD family to join 92nd ICOLD Annual Meeting and Symposium in big way at New Delhi, India, to enjoy the Indian hospitality.

#### **Secretariat Office :**

Mr. A.K. Dinkar, Secretary General, INCOLD and Secretary, CBIP  
Mr. K.K. Singh, Treasurer, INCOLD and Director (WR), CBIP

#### **ICOLD 2024 Annual Meeting/ Symposium Secretariat Indian Committee on Large Dams (INCOLD)**

Plot No. 4, Institutional Area, CBIP Building, Malcha Marg, Chanakyapuri, New Delhi, India - 110 021

Ph. 91-11-26115984/26116567 Fax: 91-11-26116347

E-mail: [contact@incold.co.in](mailto:contact@incold.co.in) | [admin@icold2024.org](mailto:admin@icold2024.org)

For information, please contact:

Mr. K.K. Singh, Treasurer, INCOLD and Director (WR), CBIP  
Email: [kksingh@cbip.org](mailto:kksingh@cbip.org), M: 91-9650998871

Mr. Vishan Dutt, Adviser, CBIP, Email: [vishandutt@cbip.org](mailto:vishandutt@cbip.org), M: 91-9811431554

Mr. Manish Singh, Manager, Email: [manishsingh@cbip.org](mailto:manishsingh@cbip.org)



#### **PROFESSIONAL CONFERENCE ORGANISER**

ICE - Integrated Conference & Event Management

For Exhibition : [exhibition.icold2024@icem.net.in](mailto:exhibition.icold2024@icem.net.in)

For Accommodation : [hotels.icold2024@icem.net.in](mailto:hotels.icold2024@icem.net.in)

For Tours : [tours.icold2024@icem.net.in](mailto:tours.icold2024@icem.net.in)