



88th Annual Meeting
INTERNATIONAL COMMISSION ON LARGE DAMS
&
Symposium on
SUSTAINABLE DEVELOPMENT OF DAMS AND RIVER BASINS
APRIL 4-10, 2020 - NEW DELHI, INDIA



Organised by

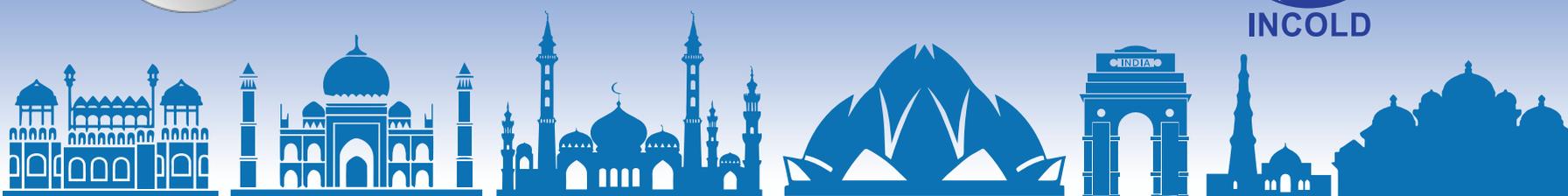


www.icold2020.org

Hosted by



INCOLD



THE HOST

The INCOLD is proud to host the 88th Annual Meeting of the International Commission on Large Dams in India's capital city, New Delhi. INCOLD has a long tradition of collaboration with other National Committees of ICOLD and participation in the development of large Dams as well as leading guidance for engineers and other professionals.

All the engineers and other professionals contribute their expertise to develop large dams for irrigation and other multipurpose uses along with power generation with eco-friendly measures. India is 3rd in terms of number of large dams after USA and China. In terms of irrigation India ranks 2nd worldwide having largest irrigated land area. The ground system is the largest, covering – 160 million ha of cultivated land in India with 39 million ha irrigated by ground water, 22 million ha by irrigated canals. About two third of cultivation in India is still depending on monsoon. India is the 7th largest producer of hydroelectric power in the world. As on 31.12.2018, India's installed utility-scale hydroelectric capacity is 45,399 MW or 13.10 % of its total utility power generation capacity.

India's state-of-art technology being illustrated by constructing large dams like Bhakra, Tehri, Sardarsorvar and many more mega projects. The Participation in ICOLD 2020 shall encourage the Indian experts as well as global experts from Dam industry to share their experiences among similar community. This event will provide an excellent opportunity to know recent trends in Dam industry.

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Please visit our website for up-to-date information including registration, sponsorship, exhibition hall and submission of abstracts.



Dear ICOLD members, colleagues, ladies and gentlemen,

On behalf of Directors and central office of International commission of large dam it is an honor for me to invite our national committees to send delegates and their accompanying persons to the **88th annual meeting of ICOLD**. The meeting will be held from **4th to 10th April, 2020** in the New Delhi, Capital of India.

INCOLD, the National committee of India has prepared an excellent program in the exciting venue for the meeting. India has 5264 dams and 437 dams are under construction including Mega Projects such as Bhakhra and Tehri Dams. Indian Dam industry has contributed significantly in growth of agriculture and power requirements of the Nation. India has successfully organised ICOLD Congress in 1951 & 1979 and annual ICOLD meeting in 1998 organized.

The various technical committees of ICOLD will organize workshops to deliberate on recent advances and challenges being faced by Dam industry. The delegates of 88th Annual meeting will have the chance to participate in the Symposium “Sustainable development of Dams and River basins” which will focus on Numerical analysis of Dam safety, Roller compacted concrete Dams, instrumentation of Dams, flood management and handling of extreme events, Life extension techniques and strategies for rehabilitation of trailing Dams, sedimentation management in reservoir for sustainable development, reservoir triggered seismicity in Himalayas- issues and challenges. Furthermore current issues will be addressed in workshops of ICOLD technical committees. The outcome of ICOLD 88th Annual Meeting and Symposium will certainly be indispensable for Dam industry.

In view of our challenge to further development of sustainable Dams & River Basins and urgently addressing the issue of climate change. I encourage you to come to 88th Annual Meeting not only to discuss the various emerging professional issue but also to meet the ICOLD family. I am sure that INCOLD will arrange a high quality technical content for the meeting alongwith attractive social and accompanying persons programme.

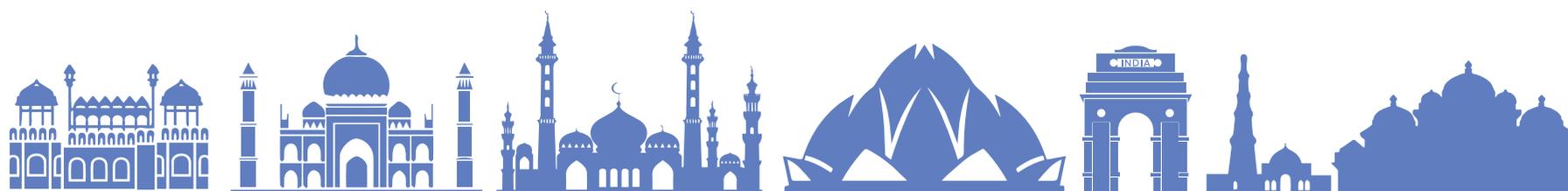
I’m looking forward to welcoming the ICOLD Family old-members as well as new-comers in April, 2020 at New Delhi, India.

MICHEL F ROGERS
President of International commission
on Large Dams 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. Every year, ICOLD holds an Annual Meeting and Symposium in a selected country.

ICOLD membership consists of the National Committees of more than 100 countries. The Indian 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.





Dear Members, Colleagues, Ladies and Gentleman,

The Indian National committee of Large Dam (INCOLD) has prepared an excellent program in exciting venue for the 88th Annual Meeting of ICOLD. India have built 5264 dams and 437 dams are under construction using state of art which includes Bhakra, Tehri, Sardar Sarovar and many more mega projects. The Dam industry in India has contributed significantly for meeting the growing water and power demand of the country, still India is facing increasing pressure on water resources due to population growth, urbanization and creeping effect of climate change.

The 88th INCOLD meeting will provide an excellent platform for researchers, scientist, engineers, policy makers and Young professionals working in field of water resources management around the world. This meeting will definitely act as confluence of brilliant minds and provide an interactive platform to share path breaking ideas on the theme "Sustainable development of Dams and river basins". Furthermore, current issues will be addressed in special workshops including the workshop of ICOLD technical committees. The outcome of the ICOLD 88th Annual meeting will certainly contribute significantly to the long term mission of dam Industry.

In view of our challenge to further develop this century's dams and reservoirs worldwide and combating the climate change effects. I invite you to come to 88th Annual meeting to discuss emerging professional issues along with meeting ICOLD family to discuss various issues. I assure that INCOLD will ensure high quality technical content for this meeting and attractive social and accompanying person program. Besides visiting excellent technological examples of dams and hydropower projects the delegates will also have the opportunity to discover beautiful and impressive tourist sites in New Delhi and other parts of India during the different tours.

I am looking forward to welcoming the ICOLD family and Delegates

DEVENDRA KUMAR SHARMA

**President
INCOLD**

