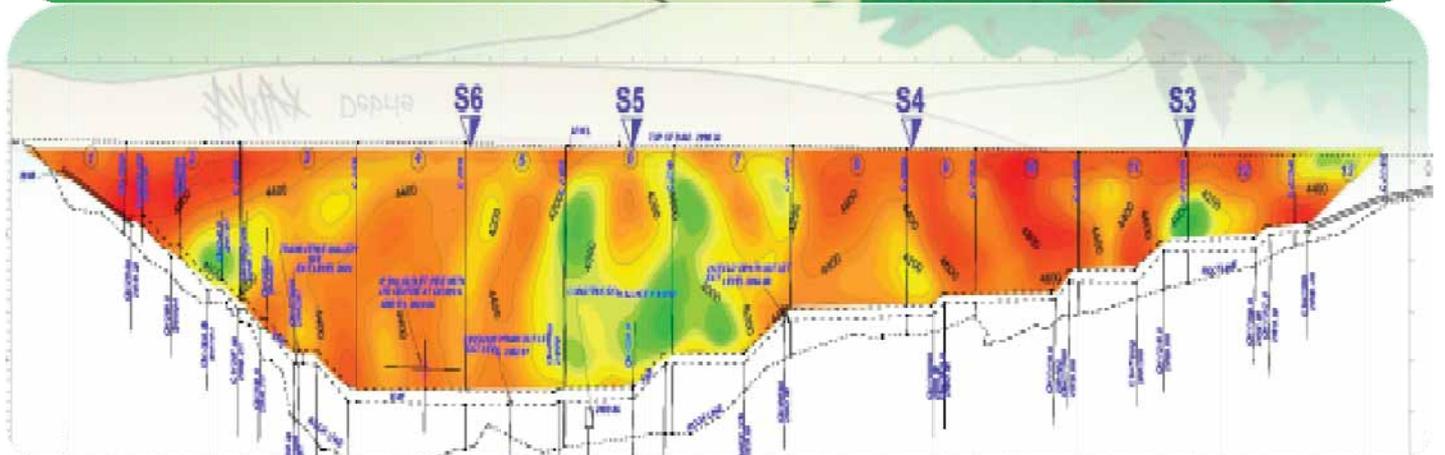
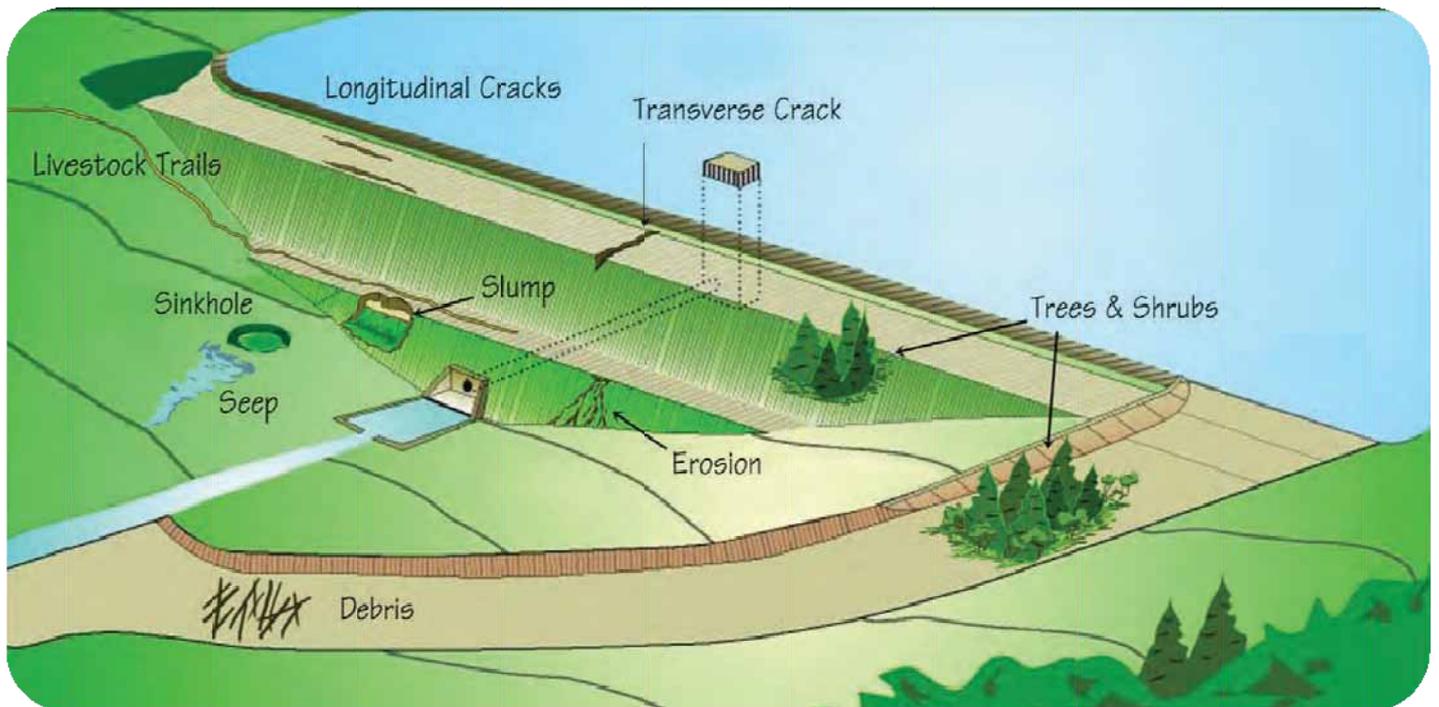


Workshop Latest Investigations, Repair & Rehabilitation Technologies for Dams

October 4-5, 2018, New Delhi, India



In association with:



ICID-CIID

Organized by:



Introduction:

Dams in the country represent a major investment and huge benefits to population in terms of irrigation, power and flood control. Most of the big dams are very old and regular monitoring and maintenance of these dams is of utmost importance for continuing benefits.

Last decade has seen tremendous development in terms of tools and technologies for dam investigations, instrumentation, repair and rehabilitation.



Dam safety bill 2018 has been recently approved by the cabinet, which will have a significant impact on dam safety mechanism and how dams are maintained. The legislation will address all issues concerning dam safety including regular inspection of dams, emergency action plan, comprehensive dam safety review, adequate repair and maintenance funds for dam safety, instrumentation and safety manuals. The provisions of the bill also lays onus of dam safety on the dam owner and provides for penal provisions for commission and omission of certain acts.

The purpose of this workshop is to make the participant aware as to how various latest techniques are applicable to solve various issues related to dams. The interactive workshop will focus on specific issues of participating organizations.

Objectives:

In the event of a dam failure, the economic loss as well as the potential hazard to life and property could be enormous. With new dam construction becoming challenging due to various issues including environmental activism, it's becoming increasingly important to maintain and rehabilitate existing structures. The objective of the workshop is to make participants aware and educated about various technologies available for:



- Investigations of Dams
- Instrumentation in Dams
- Repair & Rehabilitation of Dams

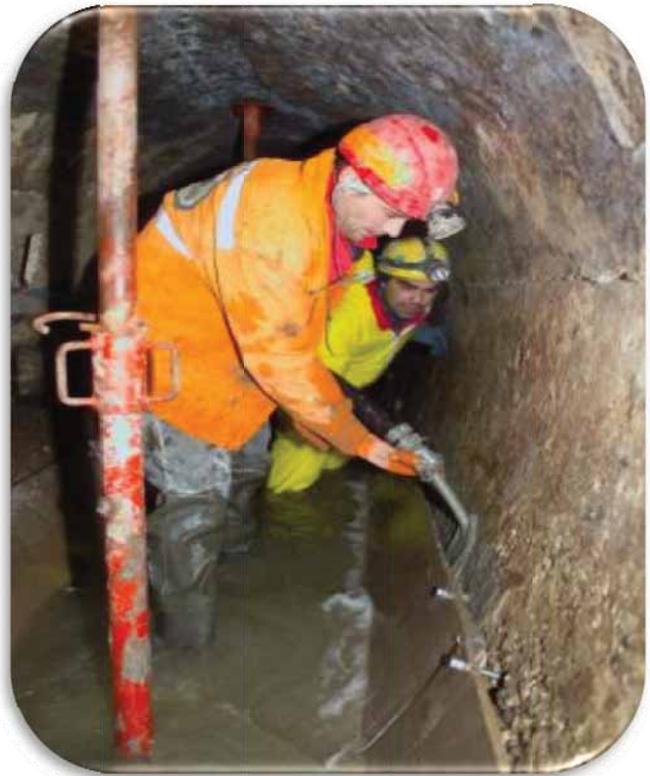
Who Should Attend?

The workshop is extremely useful for:

- Dam owners
- Dam consultants
- Hydropower companies
- Product/ Service providers for dams

Key Elements:

- Dam Safety Bill 2018 & its implications for dam owners
- **Latest Investigations Techniques**
 - Geotechnical
 - Geophysical
 - Under water (divers/ ROV)
 - Detailed investigations for corrosion, fixed parts, embedded parts, NDT
 - Silt and sedimentation studies of reservoirs
 - Field surveys using DGPS, echo-sounder etc.
 - Mathematical modeling
 - Balance life determination
- **Latest Repair & Rehabilitation Techniques**
 - Civil structures rehabilitation
 - Installation of new water stops using hydrophilic sealants
 - Use of geo-membrane
 - Latest grouting chemicals and additives
 - Underwater works
 - Use of post tensioned anchors for concrete dams
 - Foundation grouting techniques
 - Hydro-mechanical
 - Underwater structures (gates, sluices, thrash rack, sill beam)
 - Penstocks, gates, cranes, guiding rails
 - Latest trends in dredging & desiltation
- **Dam Instrumentation**
 - Latest trends in dam instrumentation
 - Operation & maintenance issues and guidelines
 - Data capture & data transfer
 - Latest developments including optical fiber sensors



Organizing Committee:



The organizing committee is chaired by Shri Ashwin Pandya, Secretary General, International Commission on Irrigation and Drainage (ICID) and Former Chairman, Central Water Commission.

Fee Structure:

Government Departments, Ministries:	INR 8,000	per participant
Private, PSUs, Boards:	INR 12,000	per participant
Students, Research Scholars:	INR 6,000	per participant

GST@18%is extra as applicable.

The fee is inclusive of training notes, morning & evening tea &lunch. A discount of 10% on group booking of 04 or more participants from a single organization is applicable.

Registration Process:

Prior registration is must by sending email to info@aquafoundation.in. Fee is to be paid through DD in favor of Aqua Foundation payable at Delhi. It can also be deposited in following account:

Name of the Bank: ICICI Bank Ltd

Address of the Bank: ICICI Bank, 9 A, Phelps Building, Connaught Place, New Delhi- 110001

Name of the Account holder: AQUA FOUNDATION

A/C no : 000701260885; **IFSC Code:** ICIC0000007; **Swift code:** ICICI NBB CTS

Venue:

Hotel The Hans, No. 15, Barakhamba Rd, Connaught Place, New Delhi, Delhi 110001.

Contact Details: Secretary General, AF Academy, E-166, 2nd Floor, Kalkaji, New Delhi 110 019
Mobile: +91-9818568825, +91-9873556395
Email: info@aquafoundation.in; praggya@afacademy.info