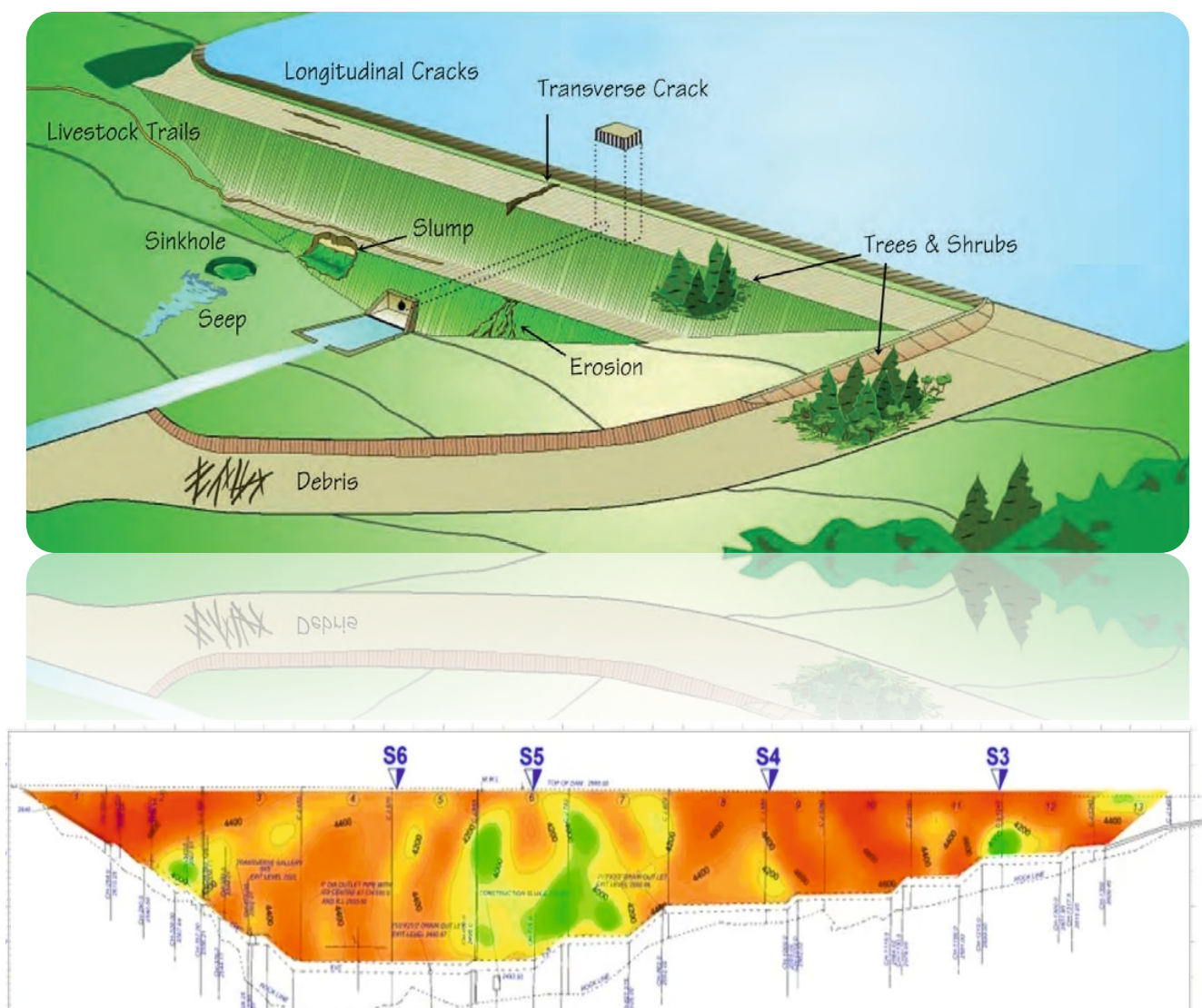


Training Workshop

Latest Investigations, Repair & Rehabilitation Technologies for Dams

March 2-3, 2023, New Delhi, India

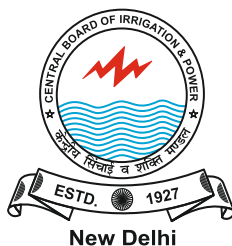


Organized by:



AF Academy

In association with:



Central Board of irrigation
& Power



ICID-CIID

International Commission on
Irrigation and Drainage



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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 act 2021 has come in force, which will have a significant impact on dam safety mechanism and how dams are maintained. The Act provides for surveillance, inspection, operation, and maintenance of the specified dam for prevention of dam failure related disasters and provides for institutional mechanism to ensure their safe functioning and for matters connected therewith or incidental thereto. The provision of the act 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
- 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 Act 2021 & its implications for dam owners**
- **Latest Investigations Techniques**
 - Geophysical
 - Seismic Tomography
 - Electrical Resistivity Imaging & Streaming Potential
 - Ground Penetrating Radar
 - Seismic Techniques (Seismic Refraction, MASW, ReMi)
 - Under water (divers/ ROV)
 - Distributed Fiber Optics Sensor Technology for Monitoring Structure's Health
 - Inspecting Concrete and Masonry Dams
- **Latest Repair & Rehabilitation Techniques**
 - Civil structures rehabilitation
 - Use of geo-membrane
 - Latest grouting chemicals and additives
 - Underwater works
 - Foundation grouting techniques



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.

Venue:

Hotel The Suryaa, MMA Rd, New Friends Colony, New Delhi, Delhi 110025.

Registration Process:

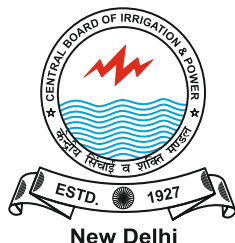
Prior registration is must by sending email to info@aquafoundation.in. Fee is to be paid through DD in favor of **Aqua Foundation payable at Delhi**. It can also be deposited in following account:

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



Contact Details:

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Website: www.damsafety.co