

Workshop

DAM SAFETY MANAGEMENT

25-26 September, 2012

REGISTRATION FORM

1. Name _____
First Name Middle Name Surname
2. Position _____
3. Organization _____
4. Address _____

5. City _____ Pin _____
5. State _____ Country _____
6. Tel. No. _____ Fax No. _____
7. E- Mail _____ Internet _____
8. Bank Cheque/draft No. _____ dated _____ for Rs. _____ drawn
on Bank _____ is enclosed.

I intend to participate in the deliberations of the workshop.

Place: _____ Signature _____

Date: _____

Information Bulletin

Workshop

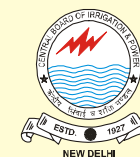
DAM SAFETY MANAGEMENT

25-26 September, 2012

Venue : Conference Hall, CBIP
Malcha Marg, Chanakyapuri, New Delhi



Organised by



Central Board of Irrigation & Power

Sponsored by



Indian Committee on Large Dams

INTRODUCTION

The catastrophic failure of dams have occurred in almost all parts of the world, from the most developed country like USA to the most under developed parts of the world. It has been reported that there have been almost 200 notable dam failures in the twentieth century in the world so far and it is estimated that more than 8000 people lost their lives in these disasters. In India too, there have been quite a few failures. Most of the existing dams were built at a time when the technology of dam designs and construction were at a developing stage. If these were to be reviewed as per current practices and standards, they may not fulfill the criteria. Such dams may be potentially hazardous. In view of this, dam safety evaluation of existing dams needs greater attention. Dam safety is, therefore, considered as an extremely important aspect not only to safeguard the national interest and benefits derived from it but also to ensure the safety of human lives and properties in the downstream reaches of the dams.

There is an increasing awareness in recent times, not only among the engineers but also among the general public, about safety of dams already constructed as well as those planned for construction. It has been recognized that dam safety aspects particularly of the existing dams, are not receiving much attention as they should be, especially in view of the fact that a number of these old/existing dams are ageing, leading to gradual natural degeneration. Even safety of some of the dams which have been constructed in the recent past may become questionable, if the flood characteristics or seismicity of the area has changed. These old dams may need a research under today's technology. The safety of dams is of paramount importance.

Dam safety programmes are of vital importance to the society and call for multidisciplinary efforts. Need has been felt to review the procedures and the criteria of dam design with the objective of establishing the best assurance of dam safety within the limitations of present state-of-the art and with that in view, an increasing trend in the implementation of various measures to protect the public from consequences of dam failures can be seen around the world. In this direction, MOWR, Govt. of India has presented **The draft dam safety Bill 2010** in the Lok Sabha, to provide for proper surveillance, inspection, operation and maintenance of all dams of certain parameters in India to ensure their safe functioning and for matters connected therewith or incidental thereto. Many Indian States are looking into legalizing the provisions.

Keeping in view the importance of the subject, the Indian Committee on Large Dams (INCOLD) and Central Board of Irrigation and Power propose to organize two days Workshop on "**Dam Safety Management**" on 25-26th September 2012 in the Conference Hall of Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi - 110021. The workshop will offer a good scope for interchange of experiences to facilitate exposure of state of art technology in all aspects of dam safety management, especially considering participation of eminent dam experts.

TOPICS

The following topics will be deliberated during two days deliberations of the workshop:

- **Introduction to dam safety** (describing causes of dam failures, failure modes and lessons on dam incidents)

- **Investigation to determine the physical condition of dams** (structural, geological and geotechnical review of dams in operation)
- **Hydrological review of existing dams**
- **Instrumentation for dams** (to monitor their performance during operation)
- **Rehabilitation of dams in distress**

WORKSHOP NOTES

The participants will receive a hard copy of the PowerPoint slides (paper).

COORDINATOR

Shri S.K. Das

*Former Chairman, Central Water Commission and
Professor - Water Resources Department
Jadavpur University, Kolkatta*

VENUE

The workshop will be held in the Conference Hall of Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi - 110021 (Phone: +91-11-26116567/26115984; Fax: +91-11-26116347; E Mail: sunil@cbip.org Web: <http://www.cbip.org>)

OFFICIAL LANGUAGE

The official language of the workshop will be English only. No simultaneous translation facility will be provided.

REGISTRATION

The registration fee payable for participation in the deliberations of the workshop is Rs. 10,000/- + Service tax @ 12.36% per participant. **10% discount in the registration fee will be extended to the members of CBIP and INCOLD**

SECRETARIAT

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E-Mail sunil@cbip.org; cbip@cbip.org; Web : <http://www.cbip.org>

Contact persons: A.C. Gupta, Director (WR) (M : 9871995996)

Sunil Sharma, Senior Manager - Technical (M : 9811299136)

Notes:

1. All correspondence should be addressed to the "Secretary, Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi 110 021.
2. All payments should be made by cheque /Demand Draft drawn in favour of "**Central Board of Irrigation and Power**", payable at par.
3. Participants will have to make their own arrangement for travel, boarding and lodging, etc.
4. Last date for receipt of Registration Form is **10th September 2012**. Spot registration facility will also be available, provided prior information is received.