

Seminar
**SLOPE STABILIZATION CHALLENGES
IN INFRASTRUCTURE PROJECTS**

21-22 June 2018, New Delhi

Organised by



Central Board of Irrigation and Power

Supported by



ISRM (INDIA)



Indian National Group of International Society for Rock Mechanics and Rock Engineering

Indian Chapter of International Geosynthetics Society

OBJECTIVE

Slope failures are significant natural hazards in many areas throughout the world. Slope failures can be triggered by weather events, geologic events, human modification of the landscape, or most commonly, some interaction of all of the above. Mountainous regions, hilly regions, open pit mining, and coastlines have the greatest risk of slope failures. Also, locations in active tectonic regions are prone to slope failures triggered by earthquakes or volcanic activity.

The objective of the proposed Seminar is to provide a forum for design and construction engineers for analyzing the stability of slopes of earth and rock-fill dams, slopes of other types of embankments, excavated slopes, and natural slopes in soil and soft rock, methods for analysis of slope stability, strength tests, analysis of conditions, and factors of safety, use of geosynthetics for slope stability, etc.

The Seminar is being organised by the Central Board of Irrigation and Power, with the support of the Indian National Group of International Society for Rock Mechanics & Rock Engineering and Indian Chapter of International Geosynthetics Society.

ABOUT THE ORGANISERS

The Central Board of Irrigation and Power (CBIP), since its inception in 1927, is engaged in the dissemination of information regarding recent technological advancements in the disciplines of water resources, dam engineering, tunnels and underground works, rock mechanics, geosynthetics, power and renewable energy. Besides, it provides a forum for exchange of experiences, facilitating flow of technology by organisation of symposia, seminars, workshops, training courses, both at national as well international levels, in liaison with international organisations.

The CBIP acts as Secretariat of the Indian Chapter of many international organisations like International Society for Rock Mechanics and Rock Engineering (ISRM), International Geosynthetics Society (IGS), International Commission on Large Dams (ICOLD), International Tunnelling and Underground Space Association (ITA), International Water Resources Association (IWRA), World Water Council, etc.

TOPICS

The following will be the topics for discussion during the Seminar:

- Numerical Modelling of Large Slopes
- Acceptable Risk for Open Pit Mining
- Early Warning Systems for Slope Failures
- Numerical Analysis and Design Methods
- Performance of Different Softwares
- Seismic Slope Stability
- Geosynthetics for Slope Stability

OFFICIAL LANGUAGE

English will be the official language of the Seminar.

DATES AND VENUE

The Seminar will be held during 21-22 June 2018 at Conference Hall of the Central Board of Irrigation & Power, Malcha Marg, Chanakyapuri, New Delhi 110 021.

CALL FOR CASE STUDIES

Case studies on the topics proposed and allied topics are invited. Intending authors may send the full text of their case studies, as per the guidelines given below. **The last date for the receipt of full texts of the case studies is 25 May 2018.**

The case studies will be reviewed by the Technical Committee as to their suitability for presentations. The case studies accepted for presentation will be notified by **01 June 2018**. A condition of acceptance of the case studies will be that the author, or one of the authors in case of multiple authors, will attend the Seminar and make the presentation.

The case study shall contain:

- a descriptive, but brief title
- title, name(s) and affiliation of the author(s)
- address for correspondence (including fax numbers and e-mail addresses)
- detailed information about the objective, methods, results and conclusion, to enable a correct appraisal of the suitability of the proposed case study for the Seminar
- References at the end, with due reference in the text

The full text of the papers, **not exceeding 08 pages of A4 size**, in single space and 10 Point Normal Times Roman Font, both in MS Word and PDF, need to be sent through e-mail only at uday@cbip.org. The papers will be printed by offset process. Therefore, the text of the paper in English must be free from errors. Only original contributions that have not been published or presented at any other forum are acceptable.

Standard and universally accepted abbreviations should be used. When a special abbreviation appears in the text for the first time, it should be accompanied by its extended form.

The figures should be placed nearest to the first reference in the text and should not be larger than the print areas. Tables in the manuscript should be numbered consecutively and referred to in the text by their numbers. A suitable heading should also be provided. References should follow the text to be listed at the end in numerical order with the corresponding number cited in brackets at appropriate places.

At the end of the references, the author(s) must furnish biodata not exceeding 100 words as per sample given below:

“AAAAAA graduated in Civil Engineering from the University of P P P P P P in 1965. He obtained a Ph.D. in Civil Engineering at the University of Q Q Q Q Q Q. From 1969 to 1980 he worked for R R R R R R, specialising in design and construction of gates at hydro plants. In 1980 he joined S S S S S S Company as Hydraulic Design Chief Engineer, where he worked on civil aspects of the following hydro projects: x x x x x, y y y y y y and z z z z z z. From 1988 he has been Professor of Hydraulic Engineering at the University of G G G G G G G G, where he specialises in analysis of model test procedures for hydraulic gates”.

A similar description should be given for each author.

Certificate

The author(s) certify that the paper titled “ _____ ” and submitted for consideration for the **Seminar on “Slope Stabilisation Challenges in Infrastructure Projects”**, to be held in New Delhi during 21-22 June 2018, is in original and has not been published or presented at any other forum, in the present form. The Author(s) also hereby assigns to the Publisher, The Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi (India), the copyright to the Contribution named above whereby the Publisher shall have the exclusive right to publish the said Contribution in print/electronic form, wholly or in part, in its other technical journals.

Signature(s)

Place

Date

REGISTRATION FEE

The registration fee payable, per delegate, including authors of papers, for participation in the Seminar is as follows:

Members of CBIP/ISRM/IGS	INR 9,000/- + GST @ 18%
Others	INR 10,000/- + GST @ 18%
Academic/Research Institutes	INR 6,000/- + GST @ 18%
Students	INR 5,000/- + GST @ 18%

To avail the student concession in the registration fee, the registration form/request will have to be submitted along with a certificate from the head of the Department/institute.

In case of 4 or more nominations from an organization, one delegate will be offered complimentary registration.

The registration fee covers the cost of registration kit, lunch and tea in-between the technical sessions. The participants will have to make their own arrangements for travel and stay. No financial support will be provided by the organizers.

The last date for receipt of the registration form is 15 June 2018. **Spot registration facilities will also be available, provided the prior information is received.**

SPONSORSHIP OPPORTUNITY

The Seminar provides an effective opportunity for organisations/companies to sponsor/support the Seminar under following categories:

Category	Amount	Benefits
Sponsor	INR 2,00,000.00	<ul style="list-style-type: none"> • Complimentary registration of upto five representatives • Distribution of promotion literature among the participants through the registration kit • Table top display of products/services • Company name and logo on Information Bulletin, banners, etc
Co-Sponsor	INR 1,00,000.00	<ul style="list-style-type: none"> • Complimentary registration of upto three representatives • Distribution of promotion literature among the participants through the registration kit • Company name and logo on Information Bulletin, banners, etc
Supporter	INR 50,000.00	<ul style="list-style-type: none"> • Complimentary registration of upto two representatives • Company name and logo on Information Bulletin, banners, etc

PAYMENTS

All payments shall be made by Bank draft/cheque payable at par at New Delhi in favour of the “Central Board of Irrigation and Power”. The payments can also be arranged by bank transfer as per details given below:

- Account Holder Name: Central Board of Irrigation and Power
- Name of Bank: HDFC Limited
- Branch Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi 110 001
- Saving Bank Account No.: 00031110004411
- Branch/RTG/NEFT IFSC: HDFC0000003
- MICR Code: 110240001, Swift Code: HDFCINBBDEL

SEMINAR SECRETARIAT

All correspondences relating to the Seminar should be addressed to:

Mr. V.K. Kanjlia

Secretary

Central Board of Irrigation & Power

Malcha Marg, Chanakyapuri

New Delhi 110 021, India

Contact Persons:

Dr. G.P. Patel, Director (WR) / Mr. Uday Chander, Chief Manager

Phone : +91-11- 2611 1294/2687 5017, Extn. 114

Mobile : + 91 98996 53677 (Mr. Uday Chander)

+91 95996 22448 (Dr. G.P. Patel)

Fax : +91-11-2611 6347

E-Mail : uday@cbip.org; cbip@cbip.org

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REGISTRATION FORM

(To be filled in block letters preferably typed)

1. Name of Participant _____
(Surname) (First Name) (Prefix Prof./Dr./Mr./Mrs./Ms.)

2. Designation: _____

3. Name of Organisation: _____

4. Mailing Address: _____

City _____

State _____

Country _____ PIN _____

Phone _____ Fax _____

E-mail _____

5. Payment details

- Bank Draft No. _____ dated _____ for INR _____ drawn on Bank _____ is enclosed/is being sent separately.
- Payment has been deposited with HDFC Bank Limited. _____ Branch, on _____
- Payment has been transferred to CBIP Account No. 00031110004411 on _____

Dated _____

Signature _____

Registration Form duly filled in, together with necessary payments to be mailed to the **Mr. V.K. Kanjlia**, Secretary, Central Board of Irrigation & Power, Malcha Marg, Chanakyapuri, New Delhi 110 021, India (Fax: +91-11-2611 6347; E-Mail: uday@cbip.org; cbip@cbip.org)

Note:

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