

Seminar Ground Control and Improvement

20-21 September 2012, New Delhi

Organised by



Central Board of Irrigation and Power

in association with



ISRM (India)



**Indian National Group of International Society for Rock Mechanics
and
Indian Chapter of International Geosynthetics Society**

INTRODUCTION

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 twin disciplines of water resources and power. Besides, it provides a forum for exchange of experiences, facilitating flow of technology through the 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 as well as Indian National Group of many international organisations like International Society for Rock Mechanics (ISRM), International Water Resources Association (IWRA), International Commission on Large Dams (ICOLD), International Geosynthetics Society (IGS), International Tunnelling and Underground Space Association (ITA), World Water Council, etc.

As part of its activities, CBIP, with the support of the Indian National Group of International Society for Rock Mechanics (ISRM, India) and Indian Chapter of International Geosynthetics Society (IGS, India), is proposing to organize a Seminar on "Ground Control and Improvement" at CBIP Conference Hall, Malcha Marg, Chanakyapuri, New Delhi during 27-28 September 2012. The objective of the proposed Seminar is to provide a forum for discussion and interaction amongst the participants about the potentially applicable ground improvement methods for civil works structures.

TOPICS

- Characterisation of Ground
- Preloading and Vertical Drains
- Near Surface and Deep Densification of Granular Deposits
- In situ reinforcement Techniques
- Geosynthetics and their applications in Geotechnical & Geoenvironmental Engineering.
- Deep Excavation Support Systems
- Grouting Techniques: Permeation, Compaction, Infiltration, Jet Grouting, etc.
- Dewatering & Groundwater Control
- Landslides & Slope Stabilisation Methods
- Soil & Rock Anchors
- Liquefaction & Mitigation Methods
- Instrumentation and Data Interpretation, Warning Systems
- Case Studies

OFFICIAL LANGUAGE

English will be the official language of the Seminar.

VENUE

The Seminar will be held at CBIP Conference Hall (First Floor), Malcha Marg, Chanakyapuri, New Delhi.

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 31 August 2012.**

The case study shall contain: a descriptive, but brief title and 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.

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.

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 PPPPPP in 1965. He obtained a Ph.D. in Civil Engineering at the University of QQQQQQ. From 1969 to 1980 he worked for RRRRRR, specialising in design and construction of gates at hydro plants. In 1980 he joined SSSSSSS Company as Hydraulic Design Chief Engineer, where he worked on civil aspects of the following hydro projects: xxxxx, yyyyyy and zzzzzz. From 1988 he has been Professor of Hydraulic Engineering at the University of GGGGGGG, where he specialises in analysis of model test procedures for hydraulic gates”.

A similar description should be given for each author.

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 10 September 2012. 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.

Certificate

The author(s) certify that the case study titled “_____” and submitted for consideration for the **Seminar on “Ground Control and Improvement”**, to be held in New Delhi during 20-21 September 2012, 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 said Contribution 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 by the delegates, including authors of papers, for participation in the Seminar is as follows:

Members of CBIP/ISRM/IGS	INR 9,000/USD 225
Non-Members	INR 10,000/USD 250
Students	INR 5,000/USD 125

The service tax of 12.36% which is over and above the registration fee is also to be paid.

In case of 3 or more nominations from an organization, 10% discount in the registration will be offered.

The registration fee covers the cost of registration kit, and 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 **15th September 2012**. Photocopies of the registration form can be used for additional requirements, if any. **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 the Seminar by paying a fee of Indian Rs. 1,00,000/USD 2500. Sponsoring organisations will have the facility to promote their products/services among the participants. Following facilities will be extended to sponsors:

- Nomination of three delegates
- Distribution of promotion literature among the participants through the registration kit
- Table top display of products/services
- Company name and logo on Web Page (linked to the company website), 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:

Name of Bank: ICICI Bank Limited, 16/48, Malcha Marg Shopping Centre, New Delhi 110 021

- Account No. 034601000738
- MICR Code No. 110229052
- Account Holder Name: **Central Board of Irrigation and Power**
- Swift Code: ICICINBBCTS
- IFSC Code: ICIC0000346
- Branch Code: ICIC0000346

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

Contract Persons:

Mr. A.C. Gupta, Director (WR)/Mr. Uday Chander, Senior Manager

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

Mobile : +91 98996 53677 (**Mr.Uday Chander**), +91 98719 95996 (**Mr. A.C.Gupta**)

Fax : +91-11-2611 6347

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

Seminar

Ground Control and Improvement

20-21 September 2012, New Delhi

REGISTRATION FORM

(To be filled in block letters preferably typed)

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

Mailing Address _____

City _____

State _____

Country _____ PIN _____

Phone _____ Fax _____

E-mail _____

2. Payment details

Bank Draft/cheque No. _____ dated _____ INR/USD _____ drawn on Bank
_____ is enclosed/ is being sent separately.

Dated _____ Signature _____

Registration Form duly filled in, together with necessary payments to be mailed to the following address :

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

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