

Seminar
**GEOSYNTHETICS APPLICATIONS FOR
MITIGATION OF NATURAL DISASTERS AND
ENVIRONMENTAL PROTECTION**

5-6 February 2015
Bhubaneswar (Odisha), INDIA

Organised by



INDIAN CHAPTER OF INTERNATIONAL GEOSYNTHETICS SOCIETY

and



CENTRAL BOARD OF IRRIGATION & POWER

INTRODUCTION

The catastrophic flood in Jammu & Kashmir and cyclone in Andhra Pradesh and Odisha are the worst recent disasters which have shaken the confidence of the nation in pursuing the infrastructure developmental models. In addition, the massive devastation which occurred in June, 2013 due to heavy rain and cloud burst followed by landslides, in Uttarakhand, has created a situation in the state which needs urgent attention. Geosynthetics, a very versatile material, has lot of scope for preventive measures to face such challenges.

Geosynthetics are now being increasingly used the world over for every conceivable application in civil engineering, namely, construction of dam, embankments, canals, approach roads, runways, railway embankments, retaining walls, slope protection works, drainage works, river training works, seepage control, etc. due to their inherent qualities. The role of Geosynthetics in engineering solution to the natural hazards, such as landslides, floods, earthquakes, cyclones, etc., needs to be stressed.

In the above context, Central Board of Irrigation and Power (CBIP) and the Indian Chapter of International Geosynthetics Society - IGS (India), are jointly organizing a Non Residential Seminar on “Geosynthetics Applications for Mitigation of Natural Disasters and Environmental Protection” at Bhubaneswar, during 5-6 February 2015, to emphasize the importance of geosynthetic for playing an import role, before and after such natural hazards.

The Central Board of Irrigation and Power (CBIP), which identified in 1985 the use of geotextiles and geosynthetics as a futuristic but simple technology, formed the International Geosynthetics Society (India) – IGS (India), which also acts as the Indian Chapter of International Geosynthetics Society. The CBIP and IGS (India) have since then been engaged in dissemination of information regarding the use of geosynthetics in civil engineering through publications and training courses, seminars, conferences, etc., both at national and international levels.

The proposed Seminar will focus on versatile applications of Geosynthetics for mitigating the effects of floods on infrastructure, minimizing landslides, rock falls, debris flow, avalanches, etc. The keynote lectures and papers will be presented by both academic representatives and professional operators.

ABOUT ORGANIZERS

The International Geosynthetics Society (India), registered under Societies Registration Act 1860, in June 1992, acts as Indian Chapter of International Geosynthetics Society (IGS), which was founded in Paris, on 10 November 1983.

The IGS is a non-profit organization dedicated to the scientific and engineering development of geosynthetics and associated technologies. The IGS brings together individual and corporate members from all parts of the world, who are involved in the design, manufacture, sale use or testing of geotextiles, geomembranes, related products, and associated technologies, or who teach or conduct research about such products. There are 43 national and regional chapters of the IGS, including India.

Since its inception in 1927, the Central Board of Irrigation & Power (CBIP), which is the Secretariat of the Indian Chapter of International Geosynthetics Society, 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.

TOPICS

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

- Ground Improvement
- Reinforced Soil Structures
- Coastal and River Bank Protection
- Landslide Mitigation
- Hill Area Development

OFFICIAL LANGUAGE

English will be the official language of the seminar.

DATES AND VENUE

The event will be held at Bhubaneswar during 5-6 February 2015. The exact venue will be informed to the participants and can also be seen on the website of CBIP.

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, latest by **15 January 2015**.

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.

The full text of the papers/case studies, **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. Only original contributions that have not been published or presented at any other forum are acceptable.

At the end of the references, the author(s) must furnish bio data not exceeding 100 words as per sample given below, along with a passport size coloured photograph:

“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 S S Company as Hydraulic Design Chief Engineer, where he worked on civil aspects of the following hydro projects: xxxxxx, yyyyyyy and zzzzzz. 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. The autor(s) need to submit a certificate, along with the text of case study, as per the following format

Certificate

The author(s) certify that the paper/case study titled “_____” and submitted for consideration for the Seminar on “**Geosynthetics Applications for Mitigation of Natural Disasters and Environmental Protection**”, to be held in Bhubaneswar (Odisha), India, during 5-6 February 2015, 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

The case studies will be reviewed by the Technical Committee as to their suitability for presentation. The case studies accepted for presentation will be notified by **20 January 2015**. A condition of acceptance of 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.

REGISTRATION FEE

The registration fee for participation in the event is as under:

| | |
|-----------------------------------|--------------------------------------------------|
| Member of IGS and CBIP | Indian Rs. 11,000/USD 225 + Service Tax @ 12.36% |
| Non-Member | Indian Rs. 12,000/USD 250 + Service Tax @ 12.36% |
| Researchers/Academicians/Students | Indian Rs. 6,000/USD 125 + Service Tax @ 12.36% |

In case of 04 or more nominees from an organization, one nomination will be allowed free registration.

To avail the concession in the registration fee under Researchers/ Academicians/ Students category, the registration form/request will have to be submitted along with a certificate from the head of the Department/ Institute.

The registration fee covers the cost of registration kit, proceedings, 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 the receipt of filled in registration form is 01 February 2015. 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/CO-SPONSORSHIP

The Seminar provides an effective opportunity for organisations/companies to sponsor/cosponsor the Seminar by paying a fee of Indian Rs. 2,00,000/USD 4,000 and 1,00,000/USD 2,000, respectively. Sponsoring organisations will have the facility to promote their products/services among the participants besides working discussions with the utility engineers during tea/coffee and lunch intervals. Sponsors can send five delegates without payment of registration fee, whereas co-sponsors can send two delegates without payment of registration fee. Sponsors/Co-sponsors will be permitted to display their products/services during the Seminar, and can send one page advertisement for inclusion in the proceedings. **In case of the sponsors, the advertisement will be printed in colour.**

EXHIBITION

The Seminar will provide a very good forum for display of equipment/activities by the agencies involved in equipment manufacturing, construction, etc. The rate for table top display of products is Indian Rs. 50,000/USD 1,000- + Service Tax @ 12.36%. Further details will be supplied to the interested organisations on request. Exhibitors can send two delegates to participate in the Seminar without payment of registration fee.

PROCEEDINGS

All case studies to be presented in the Seminar, besides the invited lectures, will be published as Seminar proceedings and will be made available to the registered delegates at the time of registration.

ADVERTISEMENT

A limited space will be made available for advertisements in the proceedings, on first come first served basis. The rates for advertisement are as under:

| Position | Charge for Black & White Advertisement |
|----------------------------------|---------------------------------------------------|
| Back cover page (only in colour) | Indian Rs. 30,000/USD 600 + Service Tax @ 12.36% |
| Second/Third cover page | Indian Rs. 25,000/USD 500 + Service Tax @ 12.36% |
| Inner page | Indian Rs. 15,000/USD 300 + Service Tax @ 12.36% |

For printing in colour, 25% extra per colour will be chargeable. Only full page (20 cm x 13 cm) advertisements will be accepted. The artwork of the advertisement, together with the payment is required to be sent before 20 January 2015.

Note:

- Material required: Artwork/negative/positive with back-up
- Only full page (20 cm x 13 cm) advertisements will be accepted.
- The artwork of the advertisement, together with the payment is required to be sent before 20 January 2015.

PAYMENTS

All payments can be made by one of the following methods:

- Bank draft/cheque payable at par at New Delhi in favour “Central Board of Irrigation and Power”.
- By bank transfer in favour of “Central Board of Irrigation and Power”, the Secretariat of the Indian Chapter of International Geosynthetics Society, as per details given below:
 - Name and address of Bank: HDFC Bank Limited, 209-214, Kailash Building, 26 K.G. Marg, New Delhi 110 001
 - Account Holder Name: Central Board of Irrigation & Power
 - Account No. 00031110004411
 - Swift Code: HDFCINBBDEL
 - IFSC: HDFC 0000003
 - MICR Code: 110240001

In case of payments by bank transfer, bank commission, as applicable, will have to be borne by the concerned. The details of such transfer should be mailed to the Seminar Secretariat, to update the payment records.

ADDRESS FOR CORRESPONDENCE

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:

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

International Seminar
**GEOSYNTHETICS APPLICATIONS FOR
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REGISTRATION FORM
(To be filled in block letters, preferably typed)

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

Mailing Address _____

City _____

State _____

Country _____ Zip _____

Phone _____ Fax _____

E-mail _____

2. Accompanying Person(s)

(i) _____

(ii) _____

3. Passport details (only for foreign delegates)

| Name | Passport No. | Date of issue | Place of issue | Valid till date |
|------|--------------|---------------|----------------|-----------------|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |

4. Payment details

- Registration Fee INR/USD.
- Sponsorship/Co-sponsorship/Exhibition/Advertisement Charges INR/USD

Total INR/USD

5. Arrival and Departure Details

| Arrival at Bhubaneswar | Departure from Bhubaneswar |
|-------------------------------|-----------------------------------|
| Date | Date |
| Flight/Train No. | Flight/Train No. |
| Time | Time |
| From City | To City |

6. Payment details:

- (i) Bank Draft/Cheque No. _____ dated _____ for USD/INR _____ drawn on Bank _____ is enclosed/is being sent separately.
- (ii) Payment has been transferred to CBIP Account No. 00031110004411, with HDFC Bank, on _____

Dated _____

Signature _____

Notes:

1. Registration Form duly filled in, together with necessary payments to be mailed to Mr. V.K. Kanjlia, Secretary, Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi 110 021.
2. Last date for the receipt of the registration forms is 01 February 2015. Spot registration facilities will also be available, provided prior information is received.