

Information Bulletin

Seminar
**River Behaviour Management,
Training and Rejuvenation**

12-13 March 2015
New Delhi

Organised by



Central Board of Irrigation and Power

and



**Indian Geographical Committee of
International Water Resources Association**

INTRODUCTION

India is endowed with rich water resources. Approximately 45,000 km long riverine systems criss-cross the length and breadth of the country.

The constant and unpredictable shifting of rivers courses brings every year, untold devastation and misery to the millions. These meandering rivers, swollen with heavy floods, inundate the vast areas of fertile and cultivable land, damaging standing crops, depositing huge quantities of sand on inundated lands, thereby rendering these unproductive. Besides, weirs, barrages and irrigation works are in constant danger of getting outflanked.

Rapidly increasing population, rising standards of living and exponential growth of industrialization and urbanisation have exposed the water resources, in general, and rivers, in particular, to various forms of degradation. Many Indian rivers, including the Ganga in several stretches, particularly during lean flows, have become unfit even for bathing. Realising that the rivers of the country were in a serious state of degradation, a beginning towards their restoration was made with the launching of the Ganga Action Plan (GAP) in 1985.

In nutshell, the main problems related to rivers, therefore are shifting, erosion and displacement of the banks, leading to loss of valuable land and property besides seepage through the flood embankments and also pollution of river. To overcome these problems, it is essential to effectively control the river and bank erosion by suitable techniques of river training and to take adequate steps to prevent seepage through flood embankments. Steps are also needed to ensure that the sanctity of rivers is maintained.

A number of new products and technologies have been developed & used to conquer the shortcomings of conventional methods of river bank protection and training. Many hydraulic research stations have done considerable work on training and control of rivers.

The objective of the Seminar is to deliberate on the action plans to address the problem of river rejuvenation, products and technologies which deal primarily with structural measures of flood management like flood protection, anti erosion measures and river training works. The Engineers involved in framing the project report and subsequent implementation for flood protection, anti-erosion and river training works and also from pollution control agencies, would greatly be benefitted with comprehensive view of design principles, construction techniques and costing thereof.

TOPICS

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

- River Rejuvenation:
 - Impact of Urbanization on the Natural System
 - Changing Scenario of Hydrology
 - Water Pollution
 - Rainfall and Scope for rainwater harvesting
 - Legal framework for follow-up action
 - Integrated use of water resources

- River Behaviour Management & Training:
 - Type of Construction Material, including Geosynthetics, Technical Specifications and Testing
 - Planning and Design of Flood Embankment and Stability Analysis
 - Methods of Bank Protection, Planning and Design
 - Implementation of Construction Methodology

OFFICIAL LANGUAGE

English will be the official language of the Seminar.

DATES AND VENUE

The Seminar will be held at CBIP Conference Hall, Malcha Marg, Chanakyapuri, New Delhi, during 12-13 March 2015.

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 February 2015**.

The case study shall contain a descriptive, but brief 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 the passport size coloured photograph:

“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 SSSSSS 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 GGGGGG, 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 titled “_____” and submitted for consideration for the **Seminar on “River Rejuvenation, Its Behaviour Management and Training”**, to be held in New Delhi during 12-13 March 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 **28 February 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 payable by the delegates, including authors of papers, for participation in the Seminar is as follows:

| | |
|-----------------------------------|---|
| Members of CBIP/IGS | INR 9,000/USD 225+ Service Tax @ 12.36% |
| Non-Members | INR 10,000/USD 250 + Service Tax @ 12.36% |
| Researchers/Academicians/Students | INR 5,000/USD 125 + Service Tax @ 12.36% |

In case of 03 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, 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 10 March 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 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 five 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 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:

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Seminar
**RIVER REJUVENATION, ITS BEHAVIOUR
MANAGEMENT AND TRAINING**

12-13 March 2015, New Delhi

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

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

Phone : +91-11- 2611 5984/2611 1294
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