



भारत सरकार  
Government of India  
केन्द्रीय जल आयोग  
CENTRAL WATER COMMISSION  
प्रशिक्षण निदेशालय  
Training Directorate

No. 5/2/2012-Trg/ 346-66

Dt. 13.01.2012

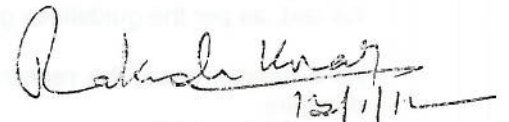
**CIRCULAR**

Subject: Seminar on " Geoinformatics for Assessment, Development and Management of Water Resources " during 14 – 15 Feb., 2012 at Jodhpur (Rajasthan).

Please find enclosed herewith a copy of the letter / brochure on the above subject. It is requested that suitable nominations, if any, may be forwarded to this office with the approval of the concerned Member/Chief Engineer (HRM) in respect of Chief Engineer (HRM) unit, latest by 05.02.2012. A copy of the Bio data of the nominated officers may also be enclosed alongwith the nominations indicating the number of events attended by them during their entire service career.

Those willing to contribute papers may send their full text papers latest by 31.01.2012 directly to the organizer with the approval of concerned Member, if they do not contain any policy matters. In case of policy matters involved, these may sent to this directorate well in advance with the recommendation of concerned Member for further action.

Encl: As above.

  
(Rakesh Kumar)  
Director (Training)

1. All Chief Engineers of CWC (HQ), New Delhi.
2. Director Co-ordination (WP&P)/(RM), CWC, New Delhi.
3. Director, SMD, with a request to suitably display the circular on CWC Website/Intranet Portal.

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MR  
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AD

संयोजी सहया 32  
Library No .....  
Date 21/1/12  
प्रमुख Sec. SMV.  
CWC, New Delhi.

Room No. 520-S, Sewa Bhawan, R.K. Puram, New Delhi 110 066  
Telephone No. 91-11-26161668, 26183429 & Fax 91-11-26101668

D: Sushila Letterpad Circular (Common)



केन्द्रीय सिंचाई व शक्ति मंडल  
CENTRAL BOARD OF IRRIGATION AND POWER  
An ISO 9001 : 2000 Organisation

No. 26-29/Seminar/RS-WR/2012

Dated: 2 January 2012

**Sub: Seminar on "Geoinformatics for Assessment, Development and Management of Water Resources", 14-15 February 2012, Jodhpur (Rajasthan)**

Dear Shri Jha,

Sustainable water resources development and management necessarily depends on proper planning, implementation, operation and maintenance. The water emergency prevailing in the country both due to recurring cycle of floods and drought compounded with impacts of climate change and the unsustainable and inefficient use of most water resources has brought home the urgent need for developing a strategy for the conservation of every drop of water and its sustainable and equitable use. *Geoinformatics*, which includes Remote Sensing (RS), Geographic Information System (GIS) and Global Positioning System (GPS), can play a very important role in this as it provides efficient tools for addressing various issues of water resources of the country.

The objective of the proposed Seminar, being organized by Central Board of Irrigation & Power and Indian Geographical Committee of International Water Resources Association, in association with Regional Remote Sensing Centre (West), is to apprise the engineers and scientists involved in water resources about advances in geospatial technologies to address various issues in water resources assessment, development and management.

In view of the relevance of the event, we request you to kindly nominate the concerned officers, especially those **associated with the Remote Sensing Directorate and Environmental Management Organisation of CWC**. Those willing to present papers are requested to send the full text, as per the guidelines given in the attached bulletin, latest by 31 January 2012.

As a special case, the registration fee for the participants from CWC will be Rs. 6,000/- per delegate.

We shall be pleased to furnish further information/clarification required, if any, and look forward to your support in the successful organization of the Seminar.

With regards,

Yours sincerely,

(V.K. Kanjlia)  
Secretary

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9/11/2012  
✓  
Shri R.C. Jha  
Chairman  
Central Water Commission  
Sewa Bhawan, R.K. Puram  
New Delhi 110 066

cc: The Director, Training Directorate, Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi 110 066

AD  
Malcha Marg, Chanakypuri, New Delhi 110 021

Tel : 91-11- 2687 6229, 2611 6567, 2687 5017, 2410 2437

Fax : 91-11-2611 6347; E-mail: cbip@cbip.org.; cbip@vsnl.com; Website : www.cbip.org

Seminar

# **GEOINFORMATICS FOR ASSESSMENT, DEVELOPMENT AND MANAGEMENT OF WATER RESOURCES**

**14-15 February 2012  
Jodhpur (Rajasthan)**

*Organised by*



Central Board of Irrigation and Power, New Delhi

and



Indian Geographical Committee of International Water Resources Association

in association with

Regional Remote Sensing Centre – West  
NRSC/ISRO, Jodhpur



## INVITATION

Sustainable water resources development and management necessarily depends on proper planning, implementation, operation and maintenance. The water emergency prevailing in the country both due to recurring cycle of floods and drought compounded with impacts of climate change and the unsustainable and inefficient use of most water resources has brought home the urgent need for developing a strategy for the conservation of every drop of water and its sustainable and equitable use. **Geoinformatics**, which includes Remote Sensing (RS), Geographic Information System (GIS) and Global Positioning System (GPS), can play a very important role in this as it provides efficient tools for addressing various issues of water resources of the country.

The objective of the proposed Seminar is to apprise the engineers and scientists involved in water resources sector about advances in geospatial technologies to address various issues in water resources assessment, development and management.

The Central Board of Irrigation and Power (CBIP), Indian Geographical Committee of International Water Resources Association and Regional Remote Sensing Centre (West) invite all concerned for participation in the Seminar.

## 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 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 Water Resources Association (IWRA), International Society for Rock Mechanics (ISRM), International Commission on Large Dams (ICOLD), International Geosynthetics Society (IGS), International Tunneling and Underground Space Association (ITA), World Water Council, etc.

**The Indian Geographical Committee of International Water Resources Association** has been involved in dissemination of information in the field of water resources through publications and training courses/seminars/conferences, both at National and International levels, and represents International Water Resources Association (IWRA). IWRA established in 1972, with its secretariat in France, has been recognized and respected as a leading advocate in advancing the understanding and management of water resources worldwide.

**The Regional Remote Sensing Centre - West (RRSC-W)**, Jodhpur, a constituent of National Remote Sensing Center (NRSC) of the Indian Space Research Organization (ISRO) caters to the needs of different user agencies, institutions and industries concerned with management of natural resources including water resources. RRSC-W is equipped with the state of the art digital infra structure comprising of image processing and GIS software, hardware and remote sensing instruments to provide Remote Sensing & GIS centric products and services in the region. It has expertise in geospatial information technologies for

applications in the disciplines of water, soil, agriculture, ground water, mineral prospecting, urban studies, vegetation, environment impact analysis, change detection, site suitability assessment analysis software development and value added services. From inception, the Centre has contributed significantly to natural resources management by participating in important national missions, addressing regional problems and under taking technology development projects through RS, GIS and GPS applications, software development, regional training and technology promotional activities.

## TOPICS

The following will be the broad subject areas for discussion during the Seminar:

- Advances in Satellite Remote Sensing of Water / Snow, Crops, Soils and Terrain.
- Geospatial Visualization and Analysis Techniques
- Satellite Based Ground Observation Network of Hydrological Parameters
- River Basin Systems Analysis
- Watershed Management
- Groundwater Resources Development
- Snow Hydrology
- Aquatic Environment Systems
- Surface and Groundwater Quality
- Decision Support Systems for Irrigation Water Management
- Water Resources Information Systems and Modeling
- Disaster Information Support (Floods and Droughts)
- Climate Change Impacts on Water Resources and Adaptation Strategies

## OFFICIAL LANGUAGE

English will be the official language of the Seminar.

## DATES AND VENUE

The Seminar will be held during 14-15 February 2012 in Jodhpur.

## 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 January 2012.

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 05 February 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.

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 in **05 to 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](mailto: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 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.

#### Certificate

The author(s) certify that the paper titled “\_\_\_\_\_” and submitted for consideration for the **Seminar on “Geoinformatics for Assessment, Development and Management of Water Resources”**, to be held in Jodhpur (Rajasthan) during 14-15 February 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 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.

Place  
Date

Signature(s)

## REGISTRATION FEE

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

Members of CBIP and IWRA	INR 9,000/USD 225
Non-Members	INR 10,000/USD 250
Academicians and Students	INR 5,000/USD 125

**In case of 3 or more nominations from an organization, 10% discount in the registration fee 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 10<sup>th</sup> February 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

## 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](mailto:uday@cbip.org); [cbip@cbip.org](mailto:cbip@cbip.org)



Seminar

# GEOINFORMATICS FOR ASSESSMENT, DEVELOPMENT AND MANAGEMENT OF WATER RESOURCES

14-15 February 2012, Jodhpur (Rajasthan)

## 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](mailto:uday@cbip.org); [cbip@cbip.org](mailto:cbip@cbip.org)

Note:

- The last date for receipt of the registration form is 10<sup>th</sup> February 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.