

भारत सरकार  
Government of India  
केन्द्रीय जल आयोग  
Central Water Commission  
बांध सुरक्षा प्रबोधन निदेशालय  
Dam Safety Monitoring Directorate  
कमरा नम्बर 710(एस) सेवा भवन, रामा कृष्णा पुरम्, नई दिल्ली  
Room No.710(S), Sewa Bhawan, R.K.Puram, New Delhi-110066

विषय : Seminar on Sedimentation in Reservoirs-reg.

संदर्भ:- पत्र संख्या WRD-10/Seminar dated 21/6/2012

उपरोक्त पत्र के संदर्भ में भारतीय निदेशालय से पत्र प्राप्त हुआ है, जिसे (संलग्नक सहित) सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित किया जाता है।

संलग्नक:- यथोपरि

बालदेव हुसैन  
18/7/12  
(शाहिद हुसैन)  
शाखा अधिकारी

निदेशक: यंत्री./सा.प्र./बां.सु.पु./नी.एवंवि.वि.निदेशालय, के.ज. आ.  
पत्र सं.13 /12 /Trg./DSM /2012/ 496 - 499 8 .

दिनांक 18 /07 /2012

नीरग  
19/7/12  
उपनिदेशक  
Please upload  
20/07/12  
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केन्द्रीय जल आयोग  
अभिकल्प एवं अनुसंधान समन्वय निदेशालय

पूर्व पृष्ठ के पत्र की एक प्रति (संलग्नक सहित) सूचनार्थ एवं आवश्यक कार्रवाई हेतु अग्रसारित की जाती है।

संलग्नक यथा उपरोक्त।

विपिन कुमार सिन्हा  
24/7/12  
( विपिन कुमार सिन्हा )  
उप निदेशक

नोडल निदेशक, फाटक (उत्तर एवं पश्चिम) / एच. सी. डी. (पू. एवं उ. पू.) / जल विज्ञान (मध्य) / ~~वाध सुरक्षा प्रबंधन~~ / एच. सी. डी. (उ. प. एवं द.) / सरदार सरोवर (विद्युत गृह) निदेशालय, केन्द्रीय जल आयोग।

सं 13 / 5 / 2012 - अभि एवं अनु (सम) / 385-50 दिनांक 12. 07. 2012

संलग्नक 177  
शाली कानि कारी

DSM अनु./Sec./निदे./Dte.  
डा.सं. No. 251  
दिनांक/Dt. 18/7/12





केन्द्रीय जल आयोग  
भारतीय मानक ब्यूरो  
BUREAU OF INDIAN STANDARDS

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Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi-110002

Website : www.bis.org.in  
e-mail :

**URGENT**

**BY SPEED POST**

**Our Ref:** WRD 10/Seminar

**21<sup>st</sup> June'12**

**Subject:** Seminar on Sedimentation in Reservoirs

Dear Sir,

The Water Resources Department of the Bureau of Indian Standards is organizing a one day seminar on the subject of Sedimentation in Reservoirs tentatively scheduled in December 2012 at our Headquarters in New Delhi. The main themes of the seminar relate to various aspects of Reservoir Sedimentation Assessment and Management as are detailed in the accompanying first information bulletin.

The content in the seminar will be delivered through presentations and discussions with experts hailing from premier organizations with proven expertise and vast field experience. The seminar will thus act as an opportunity for exchange of ideas and knowledge between diverse groups of the scientific community concerned with the current issues sedimentation assessment and management. It is envisaged to assist in making better documents and updated Indian standards by serving as a forum for advancing innovation, development, and communication of best practices.

The seminar is targeted at reservoir managers, consultants, engineers, scientists, government bodies, research institutions and others working in the field of reservoir management from across the nation. The seminar is intended to be interactive in nature and we are anxious to give due consideration to the experience possessed by your organization in this area. I am, therefore, requesting you to kindly intimate me your willingness to participate in the seminar and benefit us with your views to strengthen the national standardization effort. There is no participation fee for the seminar and we will welcome any technical papers you may like to be included in the seminar. You can also mail your acceptance along with the names of your delegates at [wrdbis@gmail.com](mailto:wrdbis@gmail.com).

Looking forward to a positive response from your end.

DSM  
अ. म. अ. / Sec. नि. दि. 10/12  
अ. म. अ. NO. 258  
दिनांक/Date: 15/7/12

Encl: As above.

Pl. circulate to  
G.O. in copy to  
WRD, D.D. - 15/7/12  
B.D.

Yours faithfully,

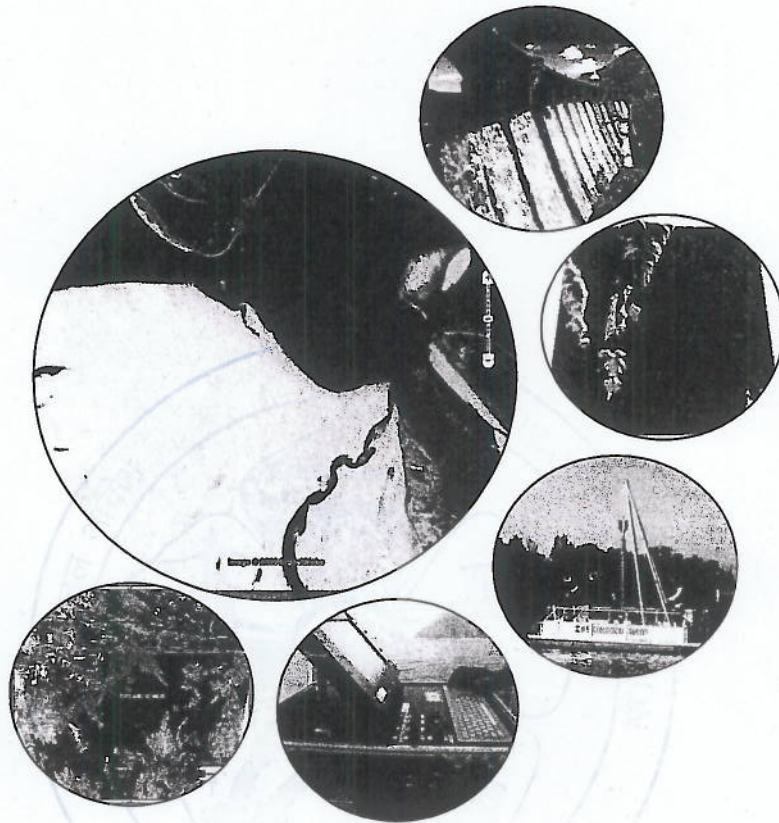
(Kani Kalia)

(Kanika Kalia)

Deputy Director (Water Resources)

[wrdbis@gmail.com](mailto:wrdbis@gmail.com)

Seminar on  
**Sedimentation in Reservoirs**  
December 2012  
New Delhi



Organized by



Water Resources Department  
Bureau of Indian Standards



## Introduction

Reservoirs are national assets created for economic development with large investments. They have traditionally been planned, designed, and operated on the assumption that they have a certain life but still it is very essential that such reservoirs continue to give economic benefit as envisaged at the planning stage.

Periodic evaluation of sediment rate and deposition pattern and the assessment of available live storage capacity in a reservoir is an integral component of optimum water resources management. Although sedimentation surveys of reservoirs in India dates back to 1870, systematic surveys started only in 1958 when a coordinated scheme of reservoir sedimentation assessment was taken up in the country.

Due to the dynamic nature of water use planning, a periodic review of the storage capacity is essential from the point of view of optimum utilization and guaranteed performance. Besides storage loss, which is of much economic significance, there are planning and operational problems, which require correct estimation of sediment deposit and its quantity and distribution in the entire body of the reservoir.

## Objectives

The seminar will act as an opportunity for exchange of ideas and knowledge between diverse groups of the scientific community concerned with the current issues in sedimentation in reservoirs. It is envisaged to help in making better documents and updated Indian standards in this field by serving as a forum for advancing innovation, development, and communication of best practices.

## Themes

The seminar is targeted at reservoir managers, consultants, engineers, scientists, government bodies, research institutions and others working in the field of reservoir management from across the nation.

The main themes proposed to be covered in the seminar include;

- 1) Reservoir Sedimentation**
- 2) Reservoir Sedimentation Surveys**
- 3) Advance techniques of Reservoir Sedimentation Surveys**
- 4) Reservoir Sedimentation: Modeling Methodologies**
- 5) Sediment Management in reservoirs**
  - a) Watershed management for sediment control
  - b) Desilting Mechanisms
- 6) Case Studies of various reservoirs**

### Call for Papers/Case Studies

Those who wish to contribute/present paper(s) related to the above mentioned theme(s) in the seminar are requested to send the full text of their paper(s) on any of the above or allied topics, so as to reach the organizers by **15<sup>th</sup> Sep'12** by e-mail to the Organizing Secretary at [wrd.bis@gmail.com](mailto:wrd.bis@gmail.com).

Only original contributions that have not been published or presented at other seminar/conferences are acceptable.

Paper should contain:

- A descriptive title, the name(s) and affiliation(s) of the author(s)
- The address for correspondence (including telephone, fax and e-mail)
- The text must include synopsis, introduction (objective), methods, result and conclusion.
- Brief Biodata of the authors and Coloured Photographs in jpeg format (size less than 1 MB).

### Dates and Venue

The seminar is proposed to be held in Dec 2012 at New Delhi in the Auditorium, Manak Bhavan, Bureau of Indian Standards, 9, Bahadur Shah Zafar Marg, New Delhi 110002. The final dates for the seminar would be communicated soon.

### Dates to Remember

- |  |                                 |
|--|---------------------------------|
| ❖ Deadline for submission of full paper:       | 15 <sup>th</sup> September 2012 |
| ❖ Notification of the acceptance of the paper: | 30 <sup>th</sup> September 2012 |



### Registration

There is no registration fee for participation in the seminar but confirmation for participation as a delegate is essential.

Registration forms may be sent to the Organizing Secretary at the address mentioned below on or before 30<sup>th</sup> September 2012;

**Ms. Kanika Kalia**  
**Deputy Director**  
**Water Resources Department**  
**Bureau of Indian Standards**  
**9, Bahadur Shah Zafar Marg**  
**New Delhi – 110002**  
**Telefax: 011-23231906 (O)**  
**E-mail: [wrd.bis@gmail.com](mailto:wrd.bis@gmail.com)**

As the seats are limited the registration will be done on first come first serve basis.

### About the Organizer

The Bureau of Indian Standards (BIS), the National Standards Body of India is involved in the development of technical standards (popularly known as Indian Standards), product quality and management system certifications and consumer affairs. It resolves to be the leader in all matters concerning Standardization, Certification and Quality.

The Water Resources Division Council presently comprises of 17 Sectional Committees dealing with various aspects of standardization in the field of water resources. The present scope of the division council covers standardization in the field of water resources development. The secretariat of TC 113; dealing with international standardization in the field of hydrometry including sediment transport; is also held by the department. For details please visit BIS website [www.bis.org.in](http://www.bis.org.in).

**Registration Form**

**for  
Seminar on  
Sedimentation in Reservoirs  
December 2012  
New Delhi**

<b>Name</b>	:						
<b>Designation</b>	:						
<b>Organization</b>	:						
<b>Mailing Address</b>	:						
		<b>City</b>		<b>State</b>		<b>Pin</b>	
		<b>Telephone</b>			<b>Fax</b>		
<b>Email</b>	:						
<b>Mobile No.</b>	:						
<b>Field of Specialization</b>	:						

**Notes**

1. Registration form may be send to the Organizing Secretary at the address mentioned below on or before 30<sup>th</sup> September 2012;

**Ms. Kanika Kalia**  
**Deputy Director**  
**Water Resources Department**  
**Bureau of Indian Standards**  
**9, Bahadur Shah Zafar Marg**  
**New Delhi – 110002**  
**Telefax: 011-23231906**  
**E-mail: wrd.bis@gmail.com**