

## INTRODUCTION

School of Infrastructure (SIF) and School of Earth Ocean and Climate Sciences (SEOC) of Indian Institute of Technology, Bhubaneswar (IITBBS) are organizing an Workshop on **Indian Water Management in 21st Century (IWM-2011)** during December 27<sup>th</sup>-29<sup>th</sup> 2011. We look forward to your participation and support in making this workshop a success.

## ABOUT THE WORKSHOP

Clean water is an important requirement for not only the country's rapidly expanding population, but also water is an essential component to expand the county's industrial and commercial developments, and meeting increasing food and accelerating energy requirements. As India's water requirements for all purposes are steadily increasing, the quality of its water bodies has been regularly decreasing. The social and health costs of using such poor quality water now runs to billions of rupees per year to the Indian economy. There is no question that unlike in the past, water planning and management in the coming years can no longer improve incrementally if the future needs and aspirations of the Indian people can be met in a timely and cost-effective manner. This will be a difficult challenge, but one that has to be met. The main objectives of the executive development programme will be how to ensure a quantum leap in improved water planning and management in India through the use of new management practices, advanced technological developments, and innovative ways to solve the old problems which would result in significantly better solutions that would be acceptable to the society as a whole.

The programme will be conducted through an interactive workshop wherein international and Indian experts will participate as lecturers and moderators. Equally, the participants will learn from each other as to what solutions have worked, why and what solutions also have not worked and also the technological advances in the field of Water Resources Engineering and Management. The course would be appropriate for professionals from government water agencies (central, state or municipal), universities, research organizations, private sector companies, NGOs and self-employed water professionals

## THEMES

The workshop aims to include the following broad themes on water resources engineering and management.

1. **Groundwater Resources and Management**
2. **Water Governance: Reforms in water sector for socio economic Development**

## INVITED LECTURES

Invited Indian and International experts will deliver lectures and discuss on the solutions of problems that would be identified by the participants in the workshop.

## REGISTRATION

Delegates may complete and return the registration form along with following registration fee per delegate:

- **Delegate:**  
**Registration before 25<sup>th</sup> Nov'2011      Rs. 5,000**  
**Late Registration after 25<sup>th</sup> Nov 2011      Rs. 6,000**
- **Student** (required to produce Identity card): **Rs. 2,000**

in the form of Demand Draft in favour of **IIT Bhubaneswar**, preferably drawn on State Bank of India (SBI), Bhubaneswar.

## SPONSORSHIP & POSTER/PRODUCT DISPLAY

Industries/ Organizations and other institutions are requested to sponsor this workshop to make it a grand success. All Sponsors will be duly acknowledged during the workshop and in the souvenir. The rates for various sponsorships are given below:

- Co-organizers (15 free delegates+1page)      Rs. 3,00,000**
- Sponsors (5 free delegates+1 page)      Rs. 1,00,000**
- Co-sponsors (2 free delegates+1/2 page)      Rs. 50,000**
- Supporters (1 free delegate+1/4 page)      Rs. 20,000**

Industries are welcome to display banners by paying a fee of **Rs. 30,000/-** and products by paying a fee of **Rs. 50,000/-** relevant to the themes of the workshop, which includes one free delegate and acknowledgement in the workshop and souvenir (1/4 page). All the payments may be sent in the form of Demand Draft in favour of the **IIT Bhubaneswar**, preferably drawn on State Bank of India, Bhubaneswar. Interested parties may please contact the Organizers before **25<sup>th</sup> November 2011** for further details.

## VENUE

Institute auditorium, Samantapuri, IIT Bhubaneswar

## TRAVEL, BOARDING AND LODGING ARRANGEMENTS

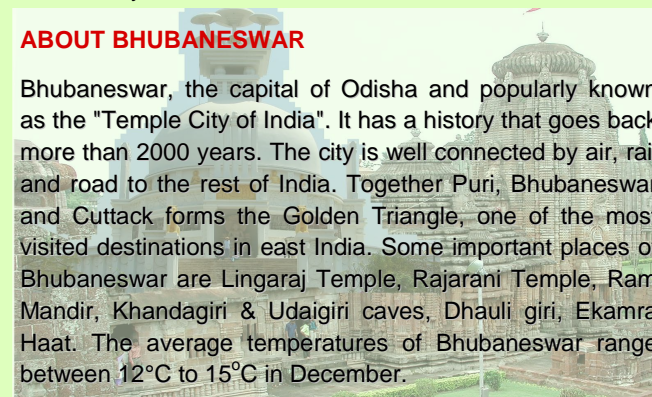
Travel, boarding and lodging expenses will have to be borne by the delegates or their sponsoring organizations. Boarding and lodging arrangements are to be made by the delegates themselves. The hotels nearby IIT Bhubaneswar are: Swosti Premium, Mayfair, Ginger, Trident, Suryansh, The Crown, The Presidency, Pal Heights and Atmaram

## ABOUT THE INSTITUTE

Indian Institute of Technology, Bhubaneswar is one amongst the eight new IITs, established in 2008 in the campus of its mentor organization IIT Kharagpur and the School of Infrastructure is part of the institute since its inception. In the subsequent year IITBBS started operating from Bhubaneswar as a fully-functional institute. It currently offers science based engineering education through undergraduate (B. Tech.), doctoral (Ph.D.) programmes. The School of Earth Ocean and Climate Sciences started in 2011 and offers only Ph.D. programme at present. Apart from these Schools the institute has School of Electrical Sciences, Mechanical Sciences, Basic Sciences, and Humanities, Social Sciences & Management. The Govt. of Odisha has provided 935 acres of land at Arugul on the outskirts of Bhubaneswar for permanent Campus. Present campuses are located at Samantpuri (IIT Kharagpur Extension Centre) and Satyanagar (Toshali Plaza) in Bhubaneswar city. The Institute engaged in nationally and internationally funded sponsored research, industrial consultancy as well as in various research collaborations.

## ABOUT BHUBANESWAR

Bhubaneswar, the capital of Odisha and popularly known as the "Temple City of India". It has a history that goes back more than 2000 years. The city is well connected by air, rail and road to the rest of India. Together Puri, Bhubaneswar and Cuttack forms the Golden Triangle, one of the most visited destinations in east India. Some important places of Bhubaneswar are Lingaraj Temple, Rajarani Temple, Ram Mandir, Khandagiri & Udaigiri caves, Dhauli giri, Ekamra Haat. The average temperatures of Bhubaneswar range between 12°C to 15°C in December.



## REGISTRATION FORM

Workshop on  
**Indian Water Management in 21<sup>st</sup> Century (IWM-2011)**  
December 27<sup>th</sup> to 29<sup>th</sup> 2011  
Indian Institute of Technology Bhubaneswar

Name:  
Designation:  
Organization:  
Mailing Address:  
  
Phone No.: Fax No.:  
E-mail:  
I would like to participate in the workshop as Delegate/  
Sponsor/ Co-sponsor/ Supporter  
I am enclosing a DD No.....dated.....  
amounting to Rs.....Only.  
  
Date Signature

### RECOMMENDATION OF THE SPONSORING AUTHORITY (if any)

The application of Dr./Mr./Mrs./Ms .....  
.....working as.....  
.....is sponsored to attend **IWM-2011**.

Date: Signature of the Head of the  
Place: Institute/ Organization with seal

*(Please make photo copies of the form or type on a plain paper in the same format for more participation)*

### CONTACT ADDRESS

Convener, IWM-2011  
School of Infrastructure, IIT Bhubaneswar  
Samantapuri, Bhubaneswar-751013, Odisha  
Phone: 0674- 2303562, 2301563, 2300814  
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## ORGANIZING COMMITTEE

### PATRON

**Prof. Madhusudan Chakraborty**  
Director, IIT Bhubaneswar

### ADVISOR

**Prof. Asit Biswas**  
Chief Executive, Third World Centre for Water Management, Mexico

### CONVENERS

**Dr. Arindam Sarkar**  
School of Infrastructure

**Dr. Dinakar Pasla**  
School of Infrastructure

**Dr. Rajesh Roshan Dash**  
School of Infrastructure

**Prof. Subhashis Tripathy**  
School of Earth Ocean & Climate Sciences

### CO-CONVENERS

**Dr. Sumanta Halder**  
School of Infrastructure

**Dr. Puspendu Bhunia**  
School of Infrastructure

**Dr. Partha Pratim Dey**  
School of Infrastructure

### ADVISORY COMMITTEE

Prof. Sekhar Chandra Dutta, IIT Bhubaneswar  
Prof. A.K. Singh, ICAR New Delhi  
Prof. Dhruvajyoti Sen, IIT Kharagpur  
Prof. Ashok Kumar Gupta, IIT Kharagpur  
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First Announcement

Workshop  
on

# INDIAN WATER MANAGEMENT IN 21<sup>ST</sup> CENTURY (IWM-2011)

December 27<sup>th</sup>-29<sup>th</sup> 2011



Organized by

**School of Infrastructure**

and

**School of Earth Ocean & Climate Sciences**

**Indian Institute of Technology Bhubaneswar**

Samantapuri, Bhubaneswar-751013, Odisha

in association with

**Ministry of Earth Sciences, Govt. of India**

Website: [www.iitbbs.ac.in](http://www.iitbbs.ac.in)