

H₂O World 2011

Friday, 11th March 2011
Hotel InterContinental Eros,
Nehru Place, New Delhi, India

Theme:

Integrated water resource development & management for national growth

Technical sessions

The Indian water resources development & management for national growth

- o Water Resources in India: Issues & Challenges
- o PPP - Public, Private Partnerships

Technology in water resources & management

- o Emerging technologies to conserve water resources
- o Automated Meter Reading – AMR - Selection, Acquisition and Implementation
- o Advance techniques in water resources management
- o Water reclamation and reuse technologies

New perspectives: Urban & Rural water supply

- o e-Governance in municipal operations
- o Challenges in water supply & sanitation: Urban & Rural
- o Best practices: Composting solid waste / Waste water treatment

Water efficiency, conservation & recycling

- o Grey water Re-cycling/ Eco Sanitation
- o De-centralised waste water treatment
- o Water conservation solutions – Benefits of re-cycling



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Current Indian water scenario

India with 2.4% of the world's total area has 16% of the world's population; but has only 4% of the total available fresh water. This clearly indicates the need for water resources development, conservation and their optimum use.

Per capita water availability of less than 1700 cubic meters (m³) is termed a water stressed condition while if it falls below 1000 cubic meters, it is termed as water scarcity condition. On an average we may be nearing the water stressed condition, on an individual river basin wise situation, 9 out of our 20 river basins with 200 million populations are already facing a water scarcity condition.

Inadequate storage capacity: Even after constructing 4525 large and small dams, the per capita storage in the country is 213 m³ as against 6103 m³ in Russia, 4733 m³ in Australia, 1964 m³ in USA and 1111 m³ of China, 5000 cubic meters of water storage per capita of US. India may achieve the storage capacity of 400 m³ only after the completion of all the ongoing and proposed dams. India can store only about 30 days of rainfall, as compared to 900 days in major river basins in arid areas of developed countries.

India's aggregate water demand is expected to double from the current level of about 700 billion cubic meters to 1498 billion cubic meters by 2030 (according to International Water Resource Group - IWRG) With an estimated supply of about 744 billion cubic meters, the water demand & supply gap is estimated to be 50 per cent. While the total water resources availability in the country remains constant, the per capita availability of water has been steadily declining since 1951 due to the steep population growth.

This shortfall requires integrated water resource development & management by adopting basic conservation measures, especially in industry, agriculture and daily utility consumption pattern. It is estimated that it would cost \$6 billion (Rs 27,900 crore) to implement enough water conservation strategies to meet the projected demand.

Not only India faces major challenges in developing and maintaining an appropriate stock of water infrastructure, it also faces challenges in developing the laws, regulations and institutions required for managing water resources. There is a realisation among water leaders that the only way in which we can guarantee our water future is by thinking radically. The challenge of managing our water resources in a rational and sustainable manner will require action on many fronts and coordination across different sectors of the economy. It is imperative that the country adopt an integrated water resources management approach to ensure sustained availability of water. Government should create an enabling policy framework for PPP in water sector with particular emphasis on the rationalization of water tariffs. This would go a long way in boosting the attractiveness of water projects and create solutions much necessary to avert the impending water crisis.

H₂O World 2011

In order to discuss the challenges and opportunities in achieving sustained water resource management, EPC World brings you annual international water conference – H₂O World-2011 to discuss and bring the subject of water & its issues to the frontline. The conference will focus on water management with a special focus on augmenting available water resources for national growth.

Theme Integrated water resource development & management for national growth

In any developing economy, water plays the key driver role of economic and social development. It also has a basic function in maintaining the integrity of the natural environment. However water is only one of a number of vital natural resources and it is imperative that water issues are not considered in isolation. Diminishing supplies and ever increasing demand for water put more stress on water resources and its proper management for its continues use. The traditional fragmented approach is no longer viable and it requires a more holistic approach to the development & management of water resources.

Water resource development and management should be based on a participatory approach involving users, planners and policy makers at all levels. The Integrated Water Resources Management (IWRM) approach has now been accepted internationally as the way forward for efficient, equitable and sustainable development and management of the country's limited water resources and for coping with conflicting demands.

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Objectives of the conference

The conference through its technical sessions will focus and deliberate on the integrated water resource development & management, challenges & problem in water sector in India. These technical sessions serve as perfect platform for decision makers, user community and experts to:

- Discuss successful case studies, solutions & experts' view (Indian & International) and how to facilitate its effective implementation, further improvement in the given Indian situation
- Identify the best approach to promote effective change at different scales. Lessons learnt from recent implementation experiences, participatory approach, communication and media engagement around water in cities, their effectiveness, and how they have been contributing to improved water management and governance
- Analyse how cities, local authorities and other key stakeholders have effectively addressed issues of social inclusion in water resource development & management.

Delegate profile

Delegates of the annual international H₂O World 2011 conference on water & wastewater management consists of all the stakeholders from water sector representing the:

- Policy makers from - Central government, state governments & private industry
- Municipal & Urban development bodies
- National & International funding organisations
- Water equipment suppliers
- Technology providers
- System Integrators
- Contractors & service providers
- Water consultants, professionals & legal firms
- Researchers & academic community
- NGO's working in water sector

Organiser

The Sixth Sense Media Group

The Sixth Sense media group is a one stop knowledge information hub for Infrastructure, Construction and Realty sector. It strives to promote, propagate and assist the decision and policy makers from government and private organisations along with the technology developers and service providers to enhance and develop their capabilities, policies.

The Sixth Sense media group facilitates knowledge transfer to grassroots and strengthens their productivity and management capabilities for the benefit of society at large through its key platforms:

Print media

- EPC World (a monthly magazine focusing on Infrastructure & Construction sector development)

Online media

- www.epcworld.in
- Weekly news letters

Events

- Industry recognition awards
- B2B conference
- EPC World Awards

- www.epcworld.in/awards

Delegate fee (India) (The discount is applicable to persons registering from the same organisation)

1 person	- Rs. 10,000
2 persons	- Rs. 17,000 (after discount of 15%)
3 persons	- Rs. 24,000 (after discount of 20%)

Avail **10% early bird discount** by registering before **11th February 2010**

Special delegate fee of **Rs. 5,000 per person** from government departments, municipal bodies, local government bodies, research institutes and academic institutes

Delegate fee (for persons from outside India) - US \$ 350/- per person

Call for papers General Guideline for Papers

Papers are invited as per the conference topics in the respective sessions. The paper should state clearly the objective of the project, need and context of the research/project etc. **Last date for the submission** of the papers is **15th February 2011**. For further details please contact **Harshit Shah** at harshit@EPCworld.in

Venue detail & address - Hotel Intercontinental Eros, Nehru Place, New Delhi – 110019 India

Important Contacts

Conference enquiry	Sunil Ahuja	Email: sunil@EPCworld.in	M: +91-9769783313
Speakers' contact	Harshit Shah	Email: harshit@EPCworld.in	M: +91-9820434897
Delegate registration	Asif Syed	Email: asif@EPCworld.in	M: +91-9930033446
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Payment mode:	
Cheque/ Draft payment:	In favour of EPC World payable at Mumbai, India
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	Beneficiary Name: EPC World Beneficiary Address: 303 Hilton Centre, Sector – 11, CBD Belapur Navi Mumbai – 400 614 Maharashtra , India

Registration fee includes

Delegate registration fee entitles the individual person to attend the following activities during the conference:

- Inaugural session
- All the technical sessions
- One lunch
- Two times tea /coffee with snacks
- Literature kit containing:
 - o Programme schedule
 - o CD of technical papers presented during the conference & conference photographs
 - o Complementary subscription of 12 Issues of **EPC World magazine**

The Sixth Sense Media Group

303 Hilton Centre, Sector – 11, CBD Belapur, Navi Mumbai – 400 614 Maharashtra, India
Telefax: 91 22 416 0808 • Website: www.EPCworld.in

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Delegate Registration Form

I would like to register/ send the following person/s as delegate to the conference under the following category:

Organisation Name:			
Postal Address:			
City:	Postal Code:	State:	Country:
Ph:	M:	Fax:	
Name of person/s (attending the conference)	Designation	Email	Mobile

Delegate fee:

Number of persons	For private companies (fee in INR)	For government/ PSU/ Research Org./ Academic Institute (fee in INR)	For overseas (fee in US \$)
One person	Rs. 10,000/- (per person)	Rs. 5,000/- (per person)	\$ 350/- (per person)
Two person	Rs. 17,000/-		
Three person	Rs. 24,000/-		

In addition to the above discount avail **10% early bird discount** by registering **before 11th February 2011**

Terms & Condition

- Registration form should be duly filled & signed with the company stamp by the authorized person and be sent along with delegate registration fee. Admission to the conference cannot be ensured unless the Sixth Sense Media group receives the completed registration form and the payments
- In case delegate is not able to attend due to some reason, she/he may send the substitute to attend the conference and the organisers should be informed of the change well in advance
- In case of cancellation, delegate fee would be refunded as per the following details

Refund of 50% of delegate fee if cancellation request is received two weeks before the conference date and a refund of 25% of the delegate fee if cancellation request is received one week before the conference date.

Authorised Signatory

(Signature of the person attending/ nominating the delegates along with the company stamp)

Payment by cheque should be made in favour of **EPC World** payable at Mumbai, India

Payment by wire transfer should be made as per the details in the brochure

Note: Please send the fill up form along with the delegate fee to: Mr. Asif Syed

The Sixth Sense Media group: 303 Hilton Centre, Sector-11, CBD Belapur, Navi Mumbai-400 614 Maharashtra, India
Telefax: 91-22-41224311, 416 0808 • Email: Asif@EPCworld.in • Website: www.EPCworld.in