



*International Conference on*  
**SUSTAINABLE  
WATER MANAGEMENT**



**10-11 December 2018, Chandigarh, India**

**1st International Conference**

**Organised by Bhakra Beas Management Board**

**Under the aegis of National Hydrology Project**

**Ministry of Water Resources, River Development & Ganga Rejuvenation, Govt. of India**



Bhakra Dam

*Technical Collaboration with*

*Supported by*



**Central Board of  
Irrigation & Power**



**Central Water Commission**



**The World Bank**

## INVITATION



Highly uneven spatial & temporal distribution of water resources, rapidly increasing stress on water resources due to population growth, rising living standards, economic expansion & huge increase in demand of water intensive products and creeping effects of climate change have underlined the urgency and significance of sustainable management of water resources. Bhakra Beas Management Board (BBMB) is organising 1<sup>st</sup> International Conference on Sustainable Water Management under the aegis of the National Hydrology Project (NHP), Ministry of Water Resources, River Development & Ganga Rejuvenation, Government of India .

It gives me immense pleasure to invite all the academicians, researchers, scientists, engineers, policy makers and professionals working in the field of water resources management and related disciplines around the world to this International Conference on Sustainable Water Management being organized by BBMB during December 10-11, 2018 at Chandigarh. This Conference will definitely act as a confluence of brilliant minds and provide an interactive platform to share path breaking ideas and case studies to address the issue of sustainable water management facing modern human civilization. I anticipate very enlightening deliberations on various facets such as inter-basin water transfers, storage, intelligent decision support systems, climate change, legacy water rights, etc. Moreover, the Conference will showcase the latest products and services in this field through Exhibition and also include a study tour to the iconic Bhakra Dam.

I eagerly look forward to a very wide participation from India and across the world.

**(Er. Devendra Kumar Sharma)**  
*Chairman, BBMB*

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### ABOUT THE CONFERENCE

Growing pressure on water resources due to population growth, economic expansion, urbanization, pollution, and other challenges has major impact on our social, economic, and environmental well-being. Creeping effects of climate change are likely to aggravate the position by causing higher frequency & magnitude of extreme weather events as well as by changing the quantum & pattern of precipitation. Water stress gets even more compounded for countries like India with disproportionately low freshwater resources vis a vis population (i.e. 4% of global freshwater resources against 18% of global population) and per capita storage of only 210 cubic meters even when most of its annual precipitation of 4000 BCM falls in just three months. It is in this backdrop that the First International Conference on Sustainable Water Management is being organized by Bhakra Beas Management Board (BBMB) during December 10-11, 2018 at Chandigarh/ Mohali under the aegis of ongoing National Hydrology Project of the Ministry of Water Resources, River Development and Ganga Rejuvenation. The Conference would see convergence of renowned water resources experts in academia, industry, utilities & research institutions and in other related disciplines from across the world to brainstorm and deliberate on various aspects of sustainable water management, i.e. meeting the needs of the present without compromising the ability of future generations to meet their own water needs. The Conference would provide an interactive platform for eclectic brainstorming and sharing path breaking ideas & case studies in respect of flood and drought management, hydrology, e-flows, inter-basin water transfer, climate change, intelligent decision support systems, storage projects, etc. to address pressing issues regarding sustainable management of water resources.

### CALL FOR PAPERS / CASE STUDIES

The papers/case studies on the themes/topics listed below are invited. Intending authors may upload the full text of paper(s)/ case study (ies) as per the guidelines given on the website.

### SCHEDULE

Delegate Registration	: November 30, 2018
Submission of Full Papers	: November 25, 2018
Exhibition/Sponsorship Request	: November 25, 2018

### SESSION PLAN/THEMES

#### Technical Session - 1A, 1B & 1C

**1400-1530 hrs. on December 10, 2018**

1. Decision Support system in Water Management
2. Conjunctive Use of Surface and Ground Water
3. Precise irrigation methods and modern agriculture

#### Technical Session - 2A, 2B & 2C

**0930-1100 hrs. on December 11, 2018**

1. Multipurpose storage- Need of the hour
2. Adaptive projects from climate change Perspective
3. Interbasin transfer of water for equitable use.

#### Technical Session - 3A, 3B & 3C

**1130-1300 hrs. on December 11, 2018**

1. Integrated Water Resources Management
2. Environmental and social aspects of water resource project.
3. River basin management – International Experiences

### Technical Session - 4A, 4B & 4C

**1400-1530 hrs. on December 11, 2018**

1. Flood and drought management
2. Water Governance and conflict Management
3. Water for Energy Security

### Brain Storming Session - 5

**1530-1630 hrs. on December 11, 2018**

- Best Practices in Water Conservation - NHP Case Studies

The above list covers some of the topics to be presented at the Conference. The list is purely indicative and the Papers on other subjects related to the objectives of the Conference are also welcome.

### PROGRAMME

<b>December 10, 2018</b>	
0900-0930 hrs.	Registration
0930-1030 hrs.	Inaugural Session
1030-1100 hrs.	Inauguration of Exhibition
1100-1130 hrs.	High Tea
1130-1300 hrs.	Plenary Session
1300-1400 hrs.	Lunch
1400-1530 hrs.	Technical Session 1A, 1B & 1C
1530-1600 hrs.	Tea
1600-1730 hrs.	Industry Session
<b>December 11, 2018</b>	
0930-1100 hrs.	Technical Session 2A, 2B & 2C
1100-1130 hrs.	Tea
1130-1300 hrs.	Technical Session 3A, 3B & 3C
1300-1400 hrs.	Lunch
1400-1530 hrs.	Technical Session 4A, 4B & 4C
1530-1630 hrs.	Brain Storming Session - Best Practices in Water Conservation - NHP Case Studies
1700-1745 hrs.	Valedictory Session
1745-1830 hrs.	High Tea
Technical Sessions shall be organized in parallel to provide enhanced opportunities for presentation of papers.	

### WHO SHOULD ATTEND

The Conference shall be of interest to Implementing Agencies of National Hydrology Project, scientists, researchers, engineers, geologists, environmentalists, regulatory bodies, government departments, policy makers, contractors and consultants working in water resources engineering & management and related fields.

### VENUE

The Conference will take place in the serene academic ambience of The Indian School of Business (ISB), Sector-81, Mohali (adjoining Chandigarh, the City Beautiful). The venue is easily accessible by air, rail and road, i.e. 7 km from Chandigarh International Airport, 12 km from Chandigarh Railway Station and 10 km from the ISBT, Chandigarh.

### ADVERTISEMENT/EXHIBITION OPPORTUNITIES

A limited space will be made available on first-come-first-served basis, for coloured advertisement to the organizations, involved in the concerned field, in the proceedings volume of the Conference. The interested organizations are required to send the CD of the advertisement material, in A4 size i.e., PDF or Coreldraw format along with payments as detailed below by November 15, 2018.

Inner Pages	US\$ 400 / INR 30,000
2nd & 3rd Cover	US\$ 700 / INR 50,000
Back Cover	US\$ 1000 / INR 75,000

Taxes as applicable will be charged extra.

Moreover, covered Exhibition stalls (covered on 3 sides) of size appx 3m × 3m will be allotted to the selected organizations for Rs. 1,00,000/- plus applicable taxes covering both days, i.e., December 10 and 11, 2018.

GST @ 18% will be extra. GST No. 07AAAJC0237F1ZU

### DELEGATE REGISTRATION

Interested professionals and researchers are invited to register on line on website <http://nhp.mowr.gov.in/conference/home.aspx> to participate in the conference. The last date for registration of delegates is 30 Nov. 2018. There is no participation fee for attending the conference i.e Conference material, access to conference activities and standard lodging facilities would be provided free of cost to the confirmed participants. However, participants are required to make their own arrangements for travel and other incidentals. Owing to capacity limitations, it may not be possible to accept all the registrations, therefore participants are advised to wait for acceptance of their registration before making travel plans and other arrangements. Approved list of delegates will be displayed on the website.

## SPONSORSHIP

The conference will provide an excellent opportunity to national and international organizations; central/ state government departments/ organizations, public sector undertakings, private sector organizations, equipment manufacturers, entrepreneurs, financial & funding institutions, consulting and construction organizations to publicize their expertise, products and services by being sponsors of the Conference. The sponsorship details are as given below :

Level	Fee	Benefit / Complimentary included Items
<b>Platinum</b>	USD 14,000 INR 10,00,000	<ul style="list-style-type: none"> <li>• Full registration for six delegates</li> <li>• Company name and logo on conference Web Page (linked to the company website) promotion material like proceedings volume, banner/signage, stationary items etc.</li> <li>• A full page advertisement in the proceedings volume</li> <li>• An opportunity to address the captive audience in Industrial session</li> <li>• Display of company banner standee (4 banners) in the pre event area (Standee will be provided by sponsor)</li> <li>• Distribution of Literature/ Brochures</li> </ul>
<b>Golden</b>	USD 10,000 INR 7,50,000	<ul style="list-style-type: none"> <li>• Full registration for four delegates</li> <li>• Company name and logo on conference Web Page (linked to the company website) promotion material like proceedings volume, banner/signage, stationary items etc.</li> <li>• A full page advertisement in the Souvenir</li> <li>• An opportunity to address the captive audience in Industrial session</li> <li>• Display of company banner standee (2 banners) in the pre event area (Standee will be provided by sponsor)</li> <li>• Distribution of Literature/ Brochures</li> </ul>
<b>Silver</b>	USD 7,000 INR 5,00,000	<ul style="list-style-type: none"> <li>• Full registration for two delegates</li> <li>• Company name and logo on conference Web Page (linked to the company website) promotion material like proceedings volume, banner / signage, stationary items etc.</li> <li>• A full page advertisement in the proceedings volume</li> <li>• Display of company banner standee (2 banners) in the pre event area (Standee will be provided by sponsor)</li> <li>• Distribution of Literature/ Brochures</li> </ul>
<b>Bronze</b>	USD 4,000 INR 2,50,000	<ul style="list-style-type: none"> <li>• Full registration for one delegates</li> <li>• Company name &amp; logo in conference proceedings volume</li> <li>• A full page advertisement in the proceedings volume</li> <li>• Distribution of Literature/Brochures</li> </ul>

In addition, organization will also have the opportunity to singly or jointly sponsor various Conference components such as lunch, dinner, accommodation, transportation, Conference kit etc. In such cases, sponsoring organisations can look forward to indelible publicity, with great visibility for their name and publicity material.

## PAYMENT

All payments for Sponsorships/ Advertisements/Exhibition etc. are to be made to the following Bank Account:-

Beneficiary Name	CBIP ICSWM		
Bank Name & Branch	Canara Bank, Delhi Diplomatic Enclave		
Branch Address	7/48 Malcha Marg, Chanakyapuri, New Delhi-110021		
Telephone No. & E-mail	011-26115158      cb0157@canarabank.com		
Account No : 0157101031584	MICR Code No: 110015007	Swift Code : CNRBINBDDFS	IFSC : CNRB0000157

Bank charges if any, shall be borne by the participants and should not be deducted from the amount remitted.

## ABOUT BHAKRA BEAS MANAGEMENT BOARD (BBMB)

Genesis of BBMB projects lies in the quest of nascent post-independence India for technological self-reliance. With its six power houses having 2918.73 MW installed hydropower generation capacity (third largest in the country) and the largest reservoir capacity of more than 18000 million cubic meters, BBMB has ushered green, white and blue revolution in Northern India, besides facilitating rapid industrialization, urbanization, employment generation, flood prevention & flood plain reclamation and large scale community work through secondary care hospitals, senior secondary schools and local welfare projects. BBMB also has a state of the art state load dispatch center and 24 nos. sub-stations and 3750 Ckt km of transmission lines upto 400 kV rating. Various BBMB projects such as iconic Bhakra Dam, Beas Dam and river interlinking project diverting Beas river water into Satluj river through 37 km long water conductor system including 25 kms through tunnels, have inspired successive generations of the country to accomplish gigantic engineering feats.

## CONFERENCE SECRETARIAT

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*Organising Secretary and Director/NHP, BBMB*

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Website: <http://nhp.mowr.gov.in/Conference/Home.aspx>

## FOR TECHNICAL PAPERS

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