

# Water Harvesting, Storage and Conservation

November 23-25, 2009

Indian Institute of Technology Kanpur

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## Technical Programme

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### Day 1: Monday, November 23, 2009

- ✚ 08:15-09:45 Reporting to the registration desk and collection of conference package
- ✚ 10:00-11:15 Inaugural Session
- 10:00-10:05 Opening with lighting of lamp and invocation
  - 10:05-10:20 About the Conference by **Vinod Tare**, IIT Kanpur, *Conference Chairman*
  - 10:20-10:30 Welcome Address by **S G Dhande**, Director, IIT Kanpur
  - 10:30-10:32 Introduction of the Chief Guest
  - 10:32-11:00 Address by the Chief Guest, **D K Chadha**, Former Chairman, CGWB
  - 11:00-11:10 Discussion
  - 11:10-11:15 Vote of Thanks by **Subrata Hait**, IIT Kanpur, Conference Organizing Secretary
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- ✚ 11:15-11:45 High Tea
- ✚ 11:45-12:30 Opening – Poster Session and Exhibition Inauguration by **Ramaswamy Iyer**, *Honorary Professor and Former Secretary, Ministry of Water Resources*
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### Technical Session I (12:30 – 14:00)

**Chairperson: Anurag Srivastav**, IAS, *Chairman, PACT and Vice Chairman, SWaRA, UP*

**Convener: Suresh Rohilla**, *WWF-India*

- 12:30-12:35 Introduction
- 12:35-13:00 **Ramaswamy Iyer**, Honorary Professor and Former Secretary, Ministry of Water Resources *Keynote Address*
- 13:00-13:20 **M Gopalakrishnan**, Secretary General, International Commission on Irrigation and Drainage: *Country policy support in basin planning - Some example case studies in India undertaken by ICID*
- 13:20-13:40 **Bharat R Sharma**, Senior Agri-Water Management Specialist & Head, IWMI-New Delhi: *Managing risk and low productivity of rain fed agriculture through nationwide water harvesting initiative in India*
- 13:40-13:55 Discussions
- 13:55-14:00 Closing remarks by the Chairperson
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- ✚ 14:00-14:45 Lunch
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## Technical Session II (14:45-16:00)

Chairperson: *To be announced*

Convener: P K Sinha, *SWaRA*

14:45-14:50	Introduction
14:50-15:10	<b>S K Jain</b> , CGWB: <i>Storm water management, artificial recharge and improvement in ground water regime</i>
15:10-15:30	<b>Paritosh Tyagi</b> , Former Chairman, CPCB: <i>Rain water harvesting: Methodologies and risks</i>
15:30-15:50	<b>S Mukherjee</b> , Professor, JNU: <i>Geological information system in rainwater harvesting</i>
15:50-16:00	Discussions and closing remarks by the Chairperson

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-  **16:00-16:45**      **Working Group Meeting on Policy Issues**
- **Group I**      Convener: Suresh Rohilla, WWF-India
  - **Group II**      Convener: **Paritosh Tyagi**, Former Chairman, CPCB;
  - **Group III**      Convener: **Anand Shekhar**, WaterAid-India
-  **16:45-17:30**      **Plenary Session: Policy**

### Chairperson

**Isha Prasad Bhagwat**

*Country Head, WaterAid-India*

### Panelists

Suresh Rohilla, Paritosh Tyagi, Anand Shekhar

## Day 2: Tuesday, November 24, 2009

- ✚ 09:00 – 09:30 Reporting to the registration desk and collection of conference package

### Technical Session III (09:30-11:00)

Chairperson: *To be announced*

Convener: *Asad Umer, Programme Officer, WaterAid, Madhya Pradesh*

- 09:30-09:35 Introduction
- 09:35-10:00 **Rajendra Singh**, Tarun Bharat Sangh, Rajasthan: *Community-driven decentralized water management is a solution for equitable distribution of water*
- 10:00-10:15 **Asit Nema**, Foundation for Greentech Environmental Systems, New Delhi: *Water quality considerations in artificial ground water recharge and the option of scaled-up systems*
- 10:15-10:30 **Durjoy Chakarborty**, CGWB: *Rainwater harvesting and artificial recharge to groundwater - A sustainable futuristic vision*
- 10:30-10:45 **P S Dutta**, Nuclear Research Laboratory, IARI: *Isotope fingerprinting of Ganga Basin groundwater to protect it from vulnerability to depletion and pollution*
- 10:45-11:00 Discussions and closing remarks by the Chairperson

- ✚ 11.00 – 12.00 Coffee Break / Poster Session & Exhibition
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### Technical Session IV (12:00-13:30)

Chairperson: *To be announced*

Convener: *R S Sinha, SWaRA*

- 12:00-12:05 Introduction
- 12:05-12:20 **Asad Umer**, Programme Officer, WaterAid, Madhya Pradesh: *Achieving drinking water security through participatory IWRM approach in Dhasan river sub-basin, Nowgon block, Chhatarpur (MP), India*
- 12:20-12:35 **S Sen**, Principal Advisor, CII: *Water resource management: Social discourse, governance & technology development*
- 12:35-12:50 **Farhad Contractor**, Founder, Sambhaav Trust, Rajasthan: *Transfer of power to rural communities – A Sambhaav's journey of water body restoration*
- 12:50-13:05 **Biksham Gujja**, WWF-International: *Water conflicts in India: A million revolts with billions at stake!*
- 13:05-13:30 Discussions and closing remarks by the chairperson

- ✚ 13:30-14:15 Lunch
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## Technical Session V (14:15-16:00)

Chairperson: *To be announced*

Convener: **Jhonson Jeyaseelan**, *WaterAid-India*

- 14:15-14:20 Introduction
- 14:20-14:35 **Brij Gopal**, Ex-Professor, JNU, Centre for Inland Waters in South Asia: *Water conservation strategies must internalise ecosystem services*
- 14:35-14:50 **G N Srinivasa Reddy**, Vice President, BIRD, Karnataka: *Water harvesting for addressing issues related to fluorosis*
- 14:50-15:05 **Jyoti Sharma**, President, Forum for Organised Resource Conservation and Enhancement, India: *4 way partnership model - key to overcome socio-economic impediments to urban rainwater harvesting*
- 15:05-15:15 **Uday Chipalkatty**, Professor, Dr Bhanuben Nanavati College of Architecture for Women, Pune, Maharashtra: *Jaloday yojana – Rain water harvesting*
- 15:15-15:25 **S D Agashe**, Professor, Department of Electrical Engineering, IIT Bombay: *A solution to the drinking water problem*
- 15:25-16:00 Discussions and closing remarks by the chairperson

### 16:00-16:45 Working Group Meeting on Technology Issues

- **Group I** Convener: **Amit Mehrotra**, UNICEF-India
- **Group II** Convener: **Ashok Jaitly**, Water Resources Department, TERI
- **Group III** Convener: **Farhad Contractor**, Founder, Sambhaav Trust

### 16:45-17:30 Plenary Session: Technology

**Chairperson**

**Sahana Singh**

*Editor, Asian Water*

**Panelists**

Amit Mehrotra, Ashok Jaitly, Farhad Contractor

## Day 3: Wednesday, November 25, 2009

✚ 09:00 – 09:30 Reporting to the registration desk and collection of conference package

### **Technical Session VI (09:30-11:00)**

**Chairperson:** *To be announced*

**Convener:** Santosh Dwivedi, WaterAid-India

09:30-09:35 Introduction

09:35-09:55 **S K Sharma**, CGWB: *Strategies & policies for artificial recharge to ground water*

09:55-10:15 **P C Chandra**, CGWB, Patna: *Geophysical characterization of subsurface for artificial groundwater recharge*

10:15-10:35 **Ashok Jaitly**, Water Resources Department, TERI: *Policy issues in water conservation*

10:35-10:55 **Habil Attarwala**, Furaat Construction (P) Ltd., Gujarat

10:55-11:00 Discussions and closing remarks by the chairperson

✚ 11.00 – 12.00 Coffee Break / Poster Session & Exhibition

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### **Technical Session VII (12:00-13:30)**

**Chairperson:** *To be announced*

**Convener:** D P Nigam, PACT, Irrigation Department, Govt. of Uttar Pradesh

12:00-12:05 Introduction

12:05-12:25 **R S Sinha**, SWaRA: *Policy initiatives for rain water harvesting in UP – Challenges and Gaps*

12:25-12:45 **Ravindra Kumar**, SWaRA: *Groundwater recharge and water table simulation in an irrigation command*

12:45-13:05 **Suresh Khandale**, GSDA, Pune: *Innovative unconventional water harvesting techniques and its implementation in strengthening drinking water sources in hard rock terrain of Maharashtra*

13:05-13:25 **I K Chhabra**, Project Director, Swajaldhara: *Groundwater augmentation and remediation of water quality issues – Gujarat state*

13:25-13:30 Discussions and closing remarks by the chairperson

✚ 13:30-14:30 **Lunch**

✚ 14:30-15:15 Working Group Meeting on Planning & Implementation Issues

- Group I Convener: P K Sinha, SWaRA
- Group II Convener: Bharat Lal Seth, CSE
- Group III Convener: R S Sinha, SWaRA

✚ 15:15-16:00 Plenary Session: Planning & Implementation Issues

Chairperson: S K Sharma, CGWB

Panelists: P K Sinha , Bharat Lal Seth, R S Sinha

✚ 16:00-16:15 Tea/Coffee Session

✚ 16:15-17:00 Valedictory Session - Chief Guest: Sushil Kumar, IAS, Principal Secretary,  
Ground Water and Minor Irrigation Department, Govt. of Uttar Pradesh

✚ 17:00 High Tea

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