



# Reliable Data Acquisition System for Integrated Water Resources Management

## MEASURING IS THE WAY

Measurement is the first step that leads to control and eventually to improvement. If you can't measure something, you can't understand it. If you can't understand it, you can't control it. If you can't control it, you can't manage it.

This applies especially to water resources, where availability varies in both time and space and the demand keeps on rising due to rise in population, rising standards of living, increasing climate variability and change and growing environmental concerns. Given the resource constraint, governments and local agencies have to establish clearly defined policies based on the knowledge of the resource itself and the demands for food production, domestic needs, industrial activity, hydropower generation and the needs of the ecosystems. The demands from various sectors and sections of society have to be met in an equitable, just, economic and sustainable manner. This calls for

Integrated Water Resources Management (IWRM). Hydro-meteorological and Water Quality Instruments provide much needed measurement tools to achieve IWRM.

In view of the above, CWPRS, in its Centenary Year 2016, in collaboration with Indian Society for Hydraulics, is organizing a 3-day International Seminar on Towards a Reliable Data Acquisition System for Integrated Water Resources Management under the aegis of National Hydrology Project, which is being implemented by Ministry of Water Resources, River Development and Ganga Rejuvenation with financial assistance from World Bank.

The main objective of the workshop is to bring together WRM practitioners and leading HydroMet Instrument Manufacturers of the world to discuss issues pertaining to Hydrological Data Acquisition for IWRM.



### The sub-themes are:

- (i) Technologies for HydroMet Data Acquisition (including SCADA)
- (ii) Integrated Water Resources Management through Instruments – International Best Practices
- (iii) Water Resources Information System for River Basin Management

Leading HydroMet manufacturers across the world would showcase their instruments through presentations as well as exhibits. Invited experts from all over the world would present international best practices of Integrated Water Resources Management through instruments. The success stories of IWRM in India would be presented by the leading Central and States Government Agencies.

### PARTICIPATION

Participation in the International Seminar is free but with prior registration via the registration portal on [www.ish.net.in](http://www.ish.net.in) / [www.indiawrm.org](http://www.indiawrm.org) and on receipt of confirmation from the organizers, as under:

- (i) **International Delegates:** as invited by the World Bank and National Project Monitoring Unit (NPMU), NHP
- (ii) **Officers from Centre / State Governments:** which are Implementing Agencies of NHP (not more than five

participants from a State and a Central Agency). The Officers from other Central / State Government Departments should send an email to the Organizing Secretary.

- (iii) **Corporates / Manufacturers / Consultants / Private Organizations:** on sponsorship
- (iv) **Academic Institutions and Students:** on invitation and/or they should send an email to the Organizing Secretary

Registration kit, tea / snacks, working lunch would be provided to all participants. However, they have to make their own arrangements for travel, accommodation, other meals, local transport, etc. Organizers would not be in a position to extend any assistance in this regard.



### EXHIBITION

There will also be an exhibition running in parallel, supporting the theme and showcasing the technologies, latest developments and solutions available. It would provide a unique networking opportunity to the exhibitors for showcasing their products and services to the practicing water resource professionals from all over the country, including direct contact with thousands of potential clients, highly qualified visitors including decision makers. They will enjoy enormous public relations and promotional opportunities, and possible joint ventures. The exhibition will enable them to expand their business in the rapidly growing Indian water market and increase their brand visibility / image.

There is limited space available for exhibition. Corporates, Manufacturers, Consultants, etc., are advised to book their exhibition space well in advance to avoid last minute disappointment. Please contact organizing secretary for further details.



### EXHIBITORS' FACILITIES

- Participation of up to three delegates
- Free hosting of exhibitors and company website links on event web portal
- 10 minutes time slot for presentation during the Seminar
- 3 x 3 m<sup>2</sup> space adjacent to Seminar Venue to display products and conduct promotional events.

The layout of the exhibition plan will be uploaded on the event website shortly.

### EXHIBITION FEES

The Exhibition Fee for the minimum space of 3 x 3 m<sup>2</sup> will be Rs. 2 lakhs. Those desirous of more space would have to pay accordingly.

## NATIONAL HYDROLOGY PROJECT (NHP)

The Ministry of Water Resources, River Development & Ganga Rejuvenation, with support from the World Bank, is undertaking National Hydrology Project (NHP) with the objective "to improve the extent, quality and accessibility of water resources information, and to strengthen the capacity of water resources management institutions in India". The project has a Pan-India coverage and envisage to support the development of hydrometric networks, data management systems, water resources information system, development of standardized methodologies and tools for water resources operations and planning procedures. The project is sub-divided into four major components: (A) Water resources monitoring systems; (B) Water resources information systems; (C) Water resources operations and planning systems; and (D) Institutional capacity enhancement.



[www.indiawrm.org](http://www.indiawrm.org)

## CENTRAL WATER AND POWER RESEARCH STATION (CWPRS)

Established as a 'Special Irrigation District' on 14<sup>th</sup> June, 1916, CWPRS has now, after 100 years, become the principal central agency to cater to the research and development (R&D) needs for evolving safe and economical planning and design of water resources projects, river engineering, power generation and coastal engineering projects. It thus fulfills the mandate of "Service to the Nation through Research". Considering the infrastructure and expertise available, CWPRS has been identified under the World Bank assisted National Hydrology Project as a Nodal Agency for providing overall guidance on hydro-meteorological and water quality instruments' selection, testing, validation and training to all States/UTs.



[www.cwprs.gov.in](http://www.cwprs.gov.in)

## INDIAN SOCIETY FOR HYDRAULICS (ISH)

ISH, located at Central Power and Research Station in Khadakwasla, Pune, is a technical, educational, non-profit national organization. It was established in 1992 to serve as a common platform for engineers, scientists and technical personnel working in hydraulics and other allied fields. ISH helps technical personnel stay abreast of the latest development in hydraulics by organizing regular meets, symposiums, gatherings and seminars. The body also recognizes outstanding achievements in the field by presenting awards to the deserving professionals.



[www.ish.net.in](http://www.ish.net.in)



# Towards a Reliable Data Acquisition System for Integrated Water Resources Management

## SPONSORSHIP

The seminar will provide excellent opportunities to national and international organizations, Central & State government organizations, public sector undertakings, industrial organizations, equipment manufacturers, entrepreneurs, financial and funding institutions, consulting organizations and construction organizations to publicize themselves by being Platinum / Golden sponsors of the Seminar. The sponsorship fees payable and benefits thereof are mentioned below. Interested organizations may communicate their willingness to the Organizing Secretary.



## ADVERTISEMENT OPPORTUNITIES

Limited space will be made available in the Seminar Proceedings (A4 size colored) being brought out, on a first-come-first-served basis for colored advertisements, to organizations involved in the concerned field. The interested organizations are required to send the advertisement material, i.e., Art Work / Negative / Positive along with payments to the Organizing Secretary as detailed below:

**Front and Back Inside Cover Page: Rs. 2 lakh;**

**Full page: Rs. 1 lakh; Half page: Rs. 50 thousand**



## ACCOMMODATION

Pune, a sprawling city in the Indian state of Maharashtra, has several hotels / guest houses of all ranges. Participants can book the accommodation directly. Organisers would not be in a position to extend any assistance in this regard. However, a special rate of Rs. 6000/- + taxes (19%) and Rs. 6350/- + taxes (19%) for single and double occupancy respectively have been negotiated with Hotel Hyatt

## PAYMENTS

All payments for Exhibition, Sponsorship and Advertisements may be paid to "ISH-CWPRS centenary". Ac No: 2580101010779, Canara Bank, Khadakwasla, Pune. (IFSC: CNRB0007580 MICR 411015022)

Regency, Pune, for the seminar dates. This is inclusive of buffet breakfast, wifi and airport transfers both to and from the hotel. Participants are advised to book their accommodation well in time to avail the special rates. For further details, please contact:

Ms. Komal Bagade: +91 20 66451417; +91 91588 93806.  
Email: komal.bagade@hyatt.com

## CONTACTS

### Convenor:

Dr. M.K. Sinha, Director, CWPRS  
& President, **Indian Society for Hydraulics**  
Khadakwasla, Sinhagad Road, Pune – 411024  
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Email: director@cwprs.gov.in, president@ish.net.in  
www.cwprs.gov.in

### Organizing Secretary:

Dr. (Mrs.) V. V. Bhosekar, Scientist 'E', CWPRS  
& Vice President, **Indian Society for Hydraulics**  
Khadakwasla, Sinhagad Road, Pune – 411024  
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www.ish.net.in

### Platinum Sponsorship

## SPONSORSHIP FEES

### Golden Sponsorship

- Fee: Rs. 10 lakhs
- Full Registration for ten delegates
- Company Name and Logo on event webpage (linked to the company website), promotional material like proceedings volumes, banners/signages, stationery items etc.
- A Full Page Advertisement in the seminar proceedings
- 15 min. Time Slot for technical presentation (except inaugural & valedictory sessions)
- Distribution of Literature/Brochures

- Fee: Rs. 5 lakhs
- Full Registration for five delegates
- Company Name and Logo on the event webpage (linked to the company website), promotional material like proceedings volumes, banners/signages, stationary items etc.
- A Half Page Advertisement in the Seminar Proceedings
- 10 min. Time Slot for technical presentation (except inaugural & valedictory sessions)
- Distribution of Literature/Brochures



# MEASURE TO OPTIMIZE

100 years and beyond...



## International Seminar on Reliable Data Acquisition System for Integrated Water Resources Management

On the occasion of CWPRS Centenary Year 2016

7-8 November, 2016,  
Hotel Hyatt Regency,  
Weikfield IT Park, Pune

Organised by

CENTRAL WATER AND POWER RESEARCH STATION  
Khadakwasla, Sinhagad Road, Pune-411024

INDIAN SOCIETY FOR HYDRAULICS  
c/o CWPRS, Pune - 411024

Under the aegis of

World Bank assisted National Hydrology Project  
Ministry of Water Resources, River Development  
and Ganga Rejuvenation  
Government of India