

**One-day Workshop on “Water Quality Monitoring through Real Time Water Quality Monitoring System”
under National Hydrology Project**
(26th August, 2022)

Programme Coordinators

Prof. Vinod K. Sharma
Dr. Shyamli Singh

Sponsored by



Central Pollution Control Board
Ministry of Environment, Forest & Climate Change
(Environmental Training Unit)
(Government of India)

Conducted by



Indian Institute of Public Administration
Indraprastha Estate, Ring Road
New Delhi - 110 002

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INTRODUCTION

NATIONAL HYDROLOGY PROJECT (NHP)

Project Highlights

National Hydrology Project (NHP) is a Central Sector Scheme with Budget Outlay about Rs 3,640 Crore, with World Bank Assistance for a project duration of 8 years (2016-2024) being implemented in India by Ministry of Jal Shakti, Deptt of Water Resources, RD&GR (MoJS, DoWR, RD&GR). There are 48 implementing Agencies (IAs): 09 Central Agencies; 03 River Basin, 34 States & 02 UTs.

Project Objective

To improve the extent, quality, and accessibility of water resources information, decision support system for floods and basin level resource assessment/planning and to strengthen the capacity of targeted water resources professionals and management institutions in India.

Components of NHP

1. *Water Resources Monitoring Systems*
 - Establishment of hydromet observation networks
 - Establishment of Supervisory Control and Data Acquisition (SCADA) systems for water infrastructure
 - Establishment of hydro-informatics centres

2. *Water Resources Information Systems*
 - Strengthening of India Water Resources Information System (WRIS)
 - Regional /State Water Resources Information System.

3. *Water Resources Operations and Planning Systems*
 - Development of analytical tools and decision-support platform (river basin modelling, stream flow forecasting and reservoir operation systems, and irrigation design and operations)
 - Purpose driven support
 - Piloting innovative knowledge products

4. *Institutional Capacity Enhancement*
 - To build capacity for knowledge-based water resources management. It will support subcomponents in the establishment of
 - (i) Water resources knowledge centres

- (ii) Professional development
- (iii) Project management
- (iv) Operational support
- To develop partnerships with national and international institutes, establish communities of practice, internships and visiting expert programs, customized training and workshops for knowledge exchange and professional networking.

DURATION AND VENUE

The workshop will commence on Friday the August 26, 2022. It will be conducted in **APPPA Hall, (First Floor)** of the Indian Institute of Public Administration main building.

REGISTRATION

The participants of the programme will assemble in **APPPA Hall, (First Floor)** of the Institute and will register themselves on Tuesday, the August 26, 2022 at 9.30 a.m.

PROGRAMME DETAILS

The list of participants, Work Schedule, the Programme, Faculty and Staff for the Programme are indicated in detail in this brochure.

CERTIFICATE

As the one-day workshop, the participants are expected to attendance and to observe punctuality. On successful completion of the workshop, each participant will be awarded a certificate.

List of Participants

Sl. No.	Name of Participants	Sl. No.	Name of Participants
1.	Dr. K Rajarajan Scientist B Central Ground Water Board, SECR, Rajaji Bhawan, Besant Nagar , Chennai Mob. 8056006656 Email- rajan.swamy70@gmail.com	2.	Mr. Nitish Kumar Singh Assistant Research Officer Central Water Commission(CWC) River Data Compilation 2 Directorate, Central Water Commission, Ministry of Jal Shakti West Block 2, First Floor, Wing No 7, Rama Krishna Puram, New Delhi Email-NKSCWC@GMAIL.COM
3.	Ms. Chanchala Research Officer Q. No- 1A-53, SECTOR -6, KIIT Deemed University, Bhubaneshwar, Odisha Mob. 8144779792 Email- chanchaladas@rocketmail.com	4.	Mr. Vikram Gath Assistant Director RDC-1 Mob. 7230900660 Email- VIKRAMGARG-CWC@GOV.IN
5.	Mr. Rekhraj Meena Assistant Director Sewa Bhawan, R.K.Puram , New Delhi Mob. 9549163565 Email- rekhrajmeenaks17@gmail.com	6.	Mr. Rajat Sharma Research Assistant Central Water Commission(CWC) RDC-II Directorate, CWC, West Block-2, R.K.Puram, New Delhi-110605 Mob. 8860667040 Email- rajatsharma-cwc@gov.in
7.	Mr. Ashutosh Mishra Hydrogeologist 5 By 10 B Gyan Kunj Vivek Vihar Colony Minto Road, Prayagraj Mob. 9140211807 Email- ashujubilian@gmail.com	8.	Mr. Prashant A. Pandey Assistant Engineer Water Resources Investigation Division, C-9 M. S. Building, Lal Darwaja, Ahmedabad-380001 Mob. 7567052797 Email- pandeyp.589@gmail.com
9.	Mr. Rajesh M. Verma Deputy Engineer State Water Data Centre, Sector-8, Gandhinagar, Gujarat Mob. 9727755707 Email- rariv@email.com	10.	Mr. Rahul Reddy S A Assistant Engineer O/o Research officer, Concrete and Pozzolana Branch, Technical services Division, KERS, K.R.sagara Mob. 9663698970 Email- rahulreddysa@outlook.com
11.	Ms. Kiran Magan Ahire Junior Engineer Water Quality Lab level-II, Hydrology Project, Nashik Mob. 8381014628 Email- ahirek.28@gmail.com	12.	Ms. A. Mhonbeni Lotha Sub Divisional Officer Water Resources Department, Government of Nagaland O/o Executive Engineer, Investigation cell, Water Resources Department,Dimapur, Nagaland Mob. 8414824719 Email- mhonongullie@gmail.com

13.	Er Keduvizo Sophie Executive Engineer Water Resources Department, Government of Nagaland O/o Executive Engineer, Investigation Cell, Water Resources Department, Dimapur, Nagaland Mob. 7005358435 Email- kedusophie@gmail.com	14.	Mr. Sampath Kumar Pabbisetty Scientist F National Remote Sensing Centre (NRSC) UHSD, USAG, Balanagar, Hyderabad Mob. 7382314050 Email- sampath_k@nrsc.gov.in
15.	Mr. Anurag Mishra Scientist C National Remote Sensing Centre (NRSC), UHSD, USAG, Balanagar, Hyderabad Mob. 8547741692 Email- anmt93@gmail.com	16.	Mr. Bishnu Prasad Padhi Deputy Director Plot No 142, H P Building, Delta Square, Bhubnaeswar Mob. 9438558555 Email- bishnupadhi2011@gmail.com
17.	Mr. Deepak Kumar Kar Geologist A/2,unit-V, Bhubaneswar,Odisha Mob. 9437213067 Email- lulurohan0@gmail.com	18.	Mr. Om prakash Bansal Joint Director Water Resources Department 73 near Jain Mandir, Mangal Vihar, near Ridhdhi Si Near Ridhdhi Sidhdhi Choraya, Gopal Pura Bypass, , Government of Rajasthan Mob. 9413387321 Email- opbansal.doit@rajasthan.gov.in
19.	Mr. Manoj Prajapati Consultant Dy. Director Water Resources Department Hydrology, Sinchai Bhawan, JLN Marg, Water Resources Jaipur Government of Rajasthan Mob. 8920333312 Email- manojprajapati7895@gmail.com	20.	Mr. Praveen Kumar Singh Assistant Engineer Assistant Engineer Varunapuram Sinchai Colony Varanasi Uttar Pradesh Mob. 9532140854 Email- pksingh1583@gmail.com
21.	Mr. Pushkar Singh Junior Engineer Ground Water Department, 9 th floor Indira Bhawan Lucknow, Uttar Pradesh Mob. 7838463157 Email- pushkarsingh.sqe@gmail.com	22.	Mr. Manas Khan Executive Engineer S-7, Sech Abason, Block-FF, Sector-III, Bidhannagar Mob. 9474398294 Email- manaskhan88@gmail.com
23.	Mr. Bibhas Chandra Barman Deputy Director River Research Institute, PO- Mohanpur, Dist- Nadia Mob. 9432163403 Email- bcbrrri@gmai.com	24.	



**ONE DAY WORKSHOP ON
“WATER QUALITY MONITORING THROUGH REAL TIME WATER QUALITY MONITORING
SYSTEMS (RTWQMS)”**

IIPA, Delhi, 26th August, 2022

Time	Activity	Presented By
9.30-10.00 AM	Registration	IIPA, Delhi
10.00-10.05 AM	Welcome address	Dr. Vinod Kumar Sharma Professor, IIPA , Delhi
10.05-10.15 AM	About IIPA: Reflections of Research at IIPA	Dr. Shyamli Singh, Faculty, IIPA
10.15-10.30 AM	Inaugural Address	Shri S. N. Tripathi, DG, IIPA Shri P. K. Mishra DH, WQM-I Division, CPCB
10.30-11.30 AM	Protocols for RTWQMS and OCEMS in Industrial Sectors	Sh. J. S. Kamyotra Team Leader SGS Weather & Ex-Member Secretary, CPCB
<i>Tea Break (11.30-11.45 AM)</i>		
11.45-12.45 PM	Experience of Real Time Monitoring	Sh. R. M. Bhardwaj Water Quality Expert, NHP
12.45-1.45 PM	Intelligent IoT Enabled & Integrated Webserver Technologies for Smart Water Quality Monitoring & Network	Sh. Sanjeev Gogia Director, Aaxis Nano
<i>Lunch Break (1.45-2.30 PM)</i>		
2.30-3.30 PM	RTWQMS in River Water Quality Monitoring: Need, Pros & Cons	Dr. Brajesh Srivastava, Scientist C, WQM-I Division, CPCB
3.30-4.30 PM	Real Time Monitoring- Data Generation & Analysis	Dr. Priyanka Chaudhary Scientist C, WQM-I Division, CPCB
4.30-5.30 PM	Valedictory Session Certificate Distribution Vote of Thanks	Prof. VK Sharma & Dr. Shyamli Singh

PROGRAMME STAFF

	<u>Office</u>	<u>Mobile/ Email</u>
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ACADEMIC AND ADMINISTRATIVE SUPPORT

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