

NATIONAL WATER ACADEMY, PUNE

Training of Trainers [ToT] Program on
Hydrometry and Management of Hydro-meteorological data
(Under National Hydrology Project)

05-09 February 2018

REGISTRATION FORM

Name (in capitals): _____

Designation: _____

Organization: _____

Responsibilities (in brief): _____

Full Postal Address: _____

Tel Nos. (with STD Code) : _____

Fax No: _____ Mobile : _____

E-mail: _____

Whether lodging & boarding at NWA needed (PI tick): Yes / No

Date _____ (Signature of the participant)

SPONSORING AUTHORITY

Full Postal Address: _____

Tel Nos. (with STD Code) : _____

Fax No: _____ Mobile : _____

E-mail: _____

Date _____ (Signature and Seal)

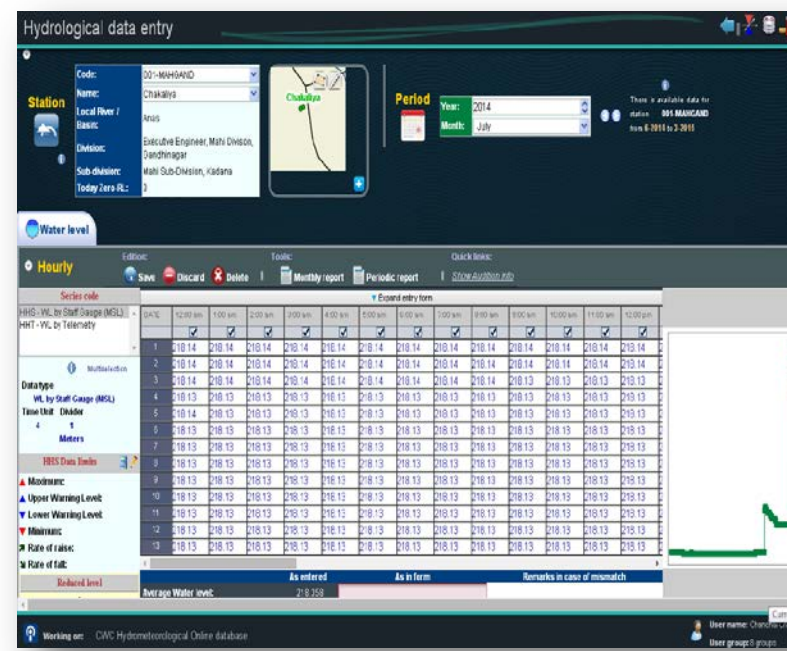
Completed Registration Form may be sent by
Fax to: 020-24380110



Government of India
Ministry of Water Resources, RD & GR
Central Water Commission

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Hydrometry and Management of Hydro-meteorological data
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Organized by & at
National Water Academy
Pune

Introduction and Objectives

A vast network is in place in the country for collection of hydro-meteorological data, being maintained by Central as well as State agencies. The bulk of data, so generated all the year round, do need storage platform and most significantly rigorous validation processes to be treated as credible information for subsequent innumerable hydrological analyses. Now, customized soft tool such as e-SWIS is available to carry out successive validations and few hydrological analyses. It also offers capacity to store and display these data.

Collection of data is an entirely technical activity and so is a chain of validation processes. Both intend to minimize and eventually delete or modify suspicious data primarily generated because of manual and/or systemic errors. A judiciously validated dataset lends credential to every analysis done later, and in a way injects soundness to all decisions taken by an engineer or a planner.

GoI, in order to expand the gains of HP-I and HP-II in some states, launched the National Hydrology Project [NHP] to cover the entire country with the objective to improve and expand hydrology data and information systems, strengthen water resources operation and planning systems, and enhance institutional capacity for water resources management so as to bring in evidence-based decision making in water resources planning and operational management at the basin scale across India using the latest technology and tools.

NWA through this program intends to refresh/enlighten the officers engaged in these activities by exposing them to a range of techniques needed for creation and management of a reliable set of hydro-meteorological data.

Program Contents

This program will attempt to cover following aspects:

- Significance and collection of Hydrological and Meteorological Data in Water Resources;
- Ways to guard against entry of manual and systemic errors in collection of data;
- Exposure to techniques involved in validation of gauge, discharge and rainfall data;
- Introduction of soft tool e-SWIS to handle data entry and validation;
- Techniques to measure sediment and water quality parameters.

Duration

05 days; 05-09 February 2018

Venue

National Water Academy, Khadakwasla, Sinhagad Road, Pune-411 024.
(for more info on NWA, please visit <http://nwa.mah.nic.in>)

Program Fee

There is **no program fee** for participants from **Central and State Govt. departments**. Charges for participants from other agencies are:

<i>Category</i>	<i>Description</i>	<i>Fee in Rs. (per participant)</i>
A	Central/State Government/Departments including their autonomous bodies:	NIL
B	PSUs/SPVs of State governments which are <i>Not-for-profit</i> organizations/ authorities/ bodies of state governments, even if they have "Corporation" or "Limited" in their name, only if they certify that they are "not for profit" organizations.	NIL
C	Recognized academic institutions, NGOs	1500
D	PSUs of MoWR, Govt of India	5000
E	Central and State PSUs (<i>other than Category B & D</i>)	10000
F	Private Companies, Individuals	15000

Payment may be made by Demand Draft drawn in favour of **Deputy Director (A&C), NWA**, Pune, prior to start of the program. For multiple nominations, discount on participation fee is available as mentioned on our web site.

Target Group

This training program is in ToT mode, designed to raise the technical skill of officers of Central and State Govt. agencies engaged in water resources sector so that they may be utilized by their respective agencies as Resource Persons to create a larger pool of trained manpower.

Participation

Nomination of officers fitting the target profile may be sent to the Program Coordinator latest by **19 January 2018**. The accepted nominations would be posted on our web site (<http://nwa.mah.nic.in>) under the link "*Upcoming Events*" by **22 January 2018**.

Local Hospitality

NWA has a self-contained residential campus where all out-station participants would be provided with lodging and boarding. Local pickup/drop will have to be arranged by the participants.

Weather

During early February, Pune remains pleasant with average temperature generally around 20°C with minimum around 10-12°C. Need for light woollens during early mornings and nights may be felt.

Contact

For sending nominations or for any information with regard to this Program, please contact:

Shri Sushil Kumar

Director & Program Coordinator
National Water Academy, CWC,
Khadakwasla, Sinhagad Road, Pune – 411 024

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e-mail: sushilkumar_cwc@yahoo.co.in / nwa.mah@nic.in