

NATIONAL WATER ACADEMY, PUNE

**Training Program on
"Flood Disaster Management & Disaster Risk Reduction"
(28th May – 01st June 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 accommodation required in NWA Guesthouse ? YES / NO

Date (Signature of the participant)

SPONSORING AUTHORITY

Full Postal Address: _____

Tel Nos.(with STD Code) : _____

Fax No: _____ Mobile : _____

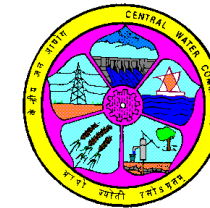
E-mail: _____

Date (Signature and Seal)

**Completed Registration Form may be sent by
Fax to: 020-24380110;020-24380224 ;E-mail : nwa.mah@nic.in**



**Government of India
Ministry of Water Resources,
River Development & Ganga Rejuvenation
Central Water Commission**



**Training Program
On
Flood Disaster Management
including Disaster Risk Reduction
(28th May – 01st June 2018)**

**Organised by
National Water Academy
Pune**

INTRODUCTION

The geo-climatic condition of India makes the country prone to floods. India receives an average annual rainfall of 4000 BCM. Almost 75% of this is received just in four months of monsoon. Consequently, in most of the rivers almost 75% annual run-off also occurs in these four months. Even within these four months of monsoon, most of the rainfall is received in a few spells of intense rains resulting in large flow pulse in the rivers. Floods have large social and economic consequences for the community; which include loss of human life, damage to property, destruction of crops, loss of livestock, deterioration of health condition owing to water borne diseases. The impact is further compounded as increasing economic and population pressure have pushed the habitation and economic activities closer to the rivers which are prone to floods.

About 40 Mha of area is prone to floods and on an average 7.5 Mha experiences flood in any given year. Another disturbing phenomenon is that all urban drainage congestion caused by inadequately planned urban drainage and uncontrolled encroachments resulting in urban inundation. While, government is taking considerable measures to protect flood prone areas from floods and also have installed a flood forecasting network, it is impossible to prevent the extreme even of flood completely. However, loss due to floods can be minimized by better preparation, mitigation, planning and timely response. Inundation cannot be totally eliminated; therefore, it is essential to prepare for the floods and management of post flood scenario.

The one week training program of **Flood Disaster Management including Disaster Risk Reduction** addresses various aspects of managing the floods. A certain appreciation of flood mechanism is also necessary; therefore, the program will address the basic concept of flood mechanism within the focus on the Flood Disaster Management.

PROGRAM CONTENTS

Main topics for classroom sessions are:

- ❖ Guidelines of flood Management
- ❖ Risk management of water related disasters
- ❖ Structural & non-structural measures for flood management
- ❖ Flood forecasting
- ❖ Flood Mapping using RS-GIS tools
- ❖ Flood proofing
- ❖ Urban inundation
- ❖ Flood Insurance
- ❖ Reservoir operation during floods
- ❖ Water Quality Issues during floods
- ❖ Role of community based organization in food management
- ❖ Medical preparedness, Rescue & recovery
- ❖ Case studies etc.

Apart from classroom lectures there will be presentation of case studies and visit to nearby water resources project.

FACULTY

The Faculty for the program will be Drawn from National Water Academy(NWA), National Institute of Disaster Management (NIDM), Central Ground Water Board (CGWB), National Disaster Response Force(NDRF), Yashwantrao Chavan Academy of Development Administration (YASHADA), IIT Mumbai etc.

PROGRAM FEE

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

Category	Description	Fee in Rs. (per participant)
A.	Central/State/Local Government Depts. including their autonomous bodies:	Nil
B.	'Not for Profit' Central and State PSUs	Nil
C.	Recognized academic institutions, NGOs	1,500/-
D.	Central and State Public Sector Undertakings	10,000/-
E.	Private Companies, individuals	15,000/-

- Discounts applicable : (a) 50% for PSUs of MoWR i.e. WAPCOS & NPCC (no group discount); (b) For others – 20% discount for 3-4 participants; 30% discount for 5 or more participants from the same organization.

For modalities in respect of payment of fee, please refer to our [website](#) or contact the Program Coordinator.

DURATION & VENUE

28th May – 01 June 2018 at National Water Academy, Khadakwasla, Sinhagad Road, Pune-411 024. The participants are expected to reach NWA by the evening of 27th May and should plan to leave after 1800 Hrs. on 1st June 2018.

TARGET GROUP

Class I & II officials from Water Resources Departments, State Disaster Management Authorities, District Authorities, Local Administration etc. who are involved in various aspects of flood disaster management i.e. preparedness, response, recovery etc. are the target audience. Officers from NGOs, PSUs, academic institutes interested in the subject can also apply.

PARTICIPATION

The nomination of the officers fitting the target profile may be sent to the Program Coordinator latest by **21st May 2018**. The nominated officers are requested to start for the program only after confirmation of their nomination. The accepted nominations will be displayed on NWA's website on **22nd May 2018**. Nominated/Sponsoring officers may please indicate their Fax No./Mobile No. and E-mail address for timely information on this account.

LOCAL HOSPITALITY & WEATHER

NWA has a self-contained residential campus, and out-station participants would be provided with accommodation in the NWA Hostel. Lodging & boarding charges as per government rates (about Rs. 325/- per person per day) may have to be borne by the participants. Airport/Railway station pickup/drop will have to be arranged by the participants themselves. The participants may avail the services of prepaid taxi/auto. During the month of May the average temperature of Pune may be around 27^oC varying from 20^oC to 40^oC with rare occurrence of rain.

CONTACT

For **sending nominations** or for any information, please contact:

Shri D S Chaskar,

Director – Designs & Program Co-ordinator

National Water Academy, CWC, Khadakwasla, Sinhagad Road, Pune – 411 024

Tel: 020 – 24381212/24380678, Fax: 020-24380110

E-mail: dschaskar@yahoo.com ; nwa.mah@nic.in (for more info on NWA, visit <http://nwa.mah.nic.in>)