

Training Program on Flood Plain Zoning

30th October – 1st November 2025

REGISTRATION FORM

Name (in Capital): _____

Designation: _____

Date of Birth: _____

Organization: _____

Responsibilities (in brief): _____

Full Postal Address: _____

Telephone No (with STD Code): _____

Fax No (with STD ode): _____

Mobile: _____

Email: _____

Date : _____ (Signature of the participant)

SPONSORING AUTHORITY

Full Postal Address: _____

Telephone Nos: _____ (With STD Code)

Fax No. (with STD ode): _____

Mobile: _____

Email: _____

Date: _____ (Signature and Seal)

Completed Registration Form may be sent by email to:
E-mail: nwa.pune@gmail.com; directorrm-nwa@gov.in



Government of India
Ministry of Jal Shakti,
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Water Commission



Training Program on Flood Plain Zoning

30th October – 1st November 2025



Organized by
National Water Academy, Pune

INTRODUCTION & PROGRAM OBJECTIVE

Floods constitute one of the major national calamities faced by India almost every year resulting in substantial loss of life, large scale damage to property, disruption of community lifelines besides entailing untold misery to the millions. Various structural flood control measures were taken up in the past including construction of reservoirs, embankments, drainage channels etc. It is however, now realized that absolute and permanent protection to all flood prone areas and for all magnitudes of floods by structural measures alone may not be possible and nor economically viable.

The emphasis has therefore been rightly shifted to non-structural measures such as Flood Plain Zoning and regulation, flood forecasting etc. to effectively supplement the structural measures for providing sustainable protection to flood affected areas.

Natural floodplains provide flood risk reduction benefits by slowing runoff and storing flood water. They also provide other benefits of considerable economic, social and environmental value that are often overlooked when local land-use decisions are made. Flood Plain Zoning has been recognized as an effective non-structural measure for flood management. Flood-plain zoning measures aim at demarcating zones or areas likely to be affected by floods of different magnitude of frequencies and probability level and specify the types of permissible developments in these zones, so that whenever floods occur, the damage can be minimized.

PROGRAM CONTENT

The Program will tentatively cover the following broad topics for three days

- Flood Plain Zoning : Introduction, Significance, Challenges
- Guidelines on Flood Plain Zoning, States efforts in FPZ, Case studies done by CWC Design Aspects
- Hydrological Data Preparation
- Hands-on : Return Period Analysis
- Hands-on: GIS – Spatial Data Preparation
- Hands-on: Hydraulic Analysis in HEC-RAS / MIKE
- Hands-on: Calibration, Generation of Flood Inundation Maps

METHODOLOGY

The above broad topics will be covered through lecture sessions, group discussions, and practical activities. The training program will include a variety of activities to improve the participants' learning, such as: Group discussions to promote knowledge and idea exchange; lectures given by domain experts; site visit to nearby dams for practical training, etc.

TARGET GROUP

This training course is intended to the officers of Central/State Govts/PSUs/Dam owners etc. in the rank of JE/ AE/AEE/EE/SE or equivalent and actively working in the water resources sector and aiming to better serve the Nation. Participants are advised to bring **their own laptops so that they can independently complete the hands-on sessions.**

FACULTY /RESOURCE PERSONS

The resource persons for the program would be domain experts from NIH, CWC & other experts, etc.

PROGRAM FEE

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

Category	Description	Fee in Rs. (per participant)
A.	Central/State/Local Government Depts.	Nil
B.	'Not for Profit' Central and State PSUs	Nil
C.	Recognized academic institutions, NGOs	900/-
D.	Central and State Public Sector Undertakings	6,000/-
E.	Private Companies, individuals	9,000/-

- Discounts applicable : (a) 50% for PSUs of MoJS 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.

PAYMENT

Course fee Payment is accepted through Online/ Demand Draft without deducting any TDS. DD drawn in favour of PAO-Ministry of Water Resources payable at Pune or through electronic transfer in the Account No: 11382328092; IFSC Code: SBIN0001904; Account holder name: PAO - Ministry of Water Resources. Receipt for the amount will be issued by NWA

PROGRAM DURATION

30th October to 1st November 2025. The participants should reach NWA by the evening of 29th October and plan their return journey after 1800 Hrs (from NWA) on 1st November 2025.

VENUE

National Water Academy, Khadakwasla, Sinhagad Road, Pune-411 024.

PARTICIPATION

The nomination of the officers may be sent to the Course Director latest by 25th October 2025. 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 27th October 2025.

LOCAL HOSPITALITY

NWA has a self-contained residential campus, and all out-station participants would be provided with lodging and boarding on payment basis as per government rates (about Rs.275/- per person per day). Working Lunch during the training program will be provided by NWA. Local pickup/drop will have to be arranged by the participants themselves.

WEATHER

During the month of Oct & Nov, the average temperature of Pune may be around 22°C with pleasant climate with No rain.

CONTACT

For sending nominations or for any information of this program, please contact :

Shri Asheesh Kumar Singhal

Director, NWA & Course Director

National Water Academy, CWC, Khadakwasla R S, Pune – 411 024

Tel : 020 – 24381212; Mob : 9555986777

E-mail: nwa.pune@gmail.com; directorrm-nwa@gov.in

For more info visit our Website: www.nwapune.gov.in