भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
केन्द्रीय जल आयोग
राष्ट्रीय जल अकादमी

Government of India
Ministry of Jal Shakti
Dept. of Water Resources, RD&GR
Central Water Commission
National Water Academy

संख्या/No. T-980119/17/2021-NWA-PUNE/1336-87 Dated : 08.03.2023

प्रति/To,

All the State & Central Implementing Agencies of NHP (As per list enclosed)

विषय/Sub: Training Program on **'Reservoir Sedimentation : Assessment & Monitoring'** during 20th – 24th March 2023 - Request for Nominations - Reg

Sir/Madam,

National Water Academy, CWC, Pune is organizing a training Program on **'Reservoir Sedimentation: Assessment & Monitoring'** under National Hydrology Project (NHP) of DoWR, RD & GR, MoJS, Govt. of India during **20th to 24th March 2023**. The training program will be conducted in physical mode at NWA campus, Pune. A brochure and tentative schedule of the training program is enclosed.

The program is intended for officers belonging to Central and State Implementing Agencies (IAs) of NHP. Accordingly, it is requested to nominate suitable officers from your agency/organization for participating in the above program. The nominations can be registered on-line in the MIS of NHP portal and the nominated official(s) may also be asked to fill up this form (https://forms.gle/4Eo3MwtUCfX8mGAv5) positively by 16.03.2023 (FN). Final list of accepted nominations will be displayed on NWA website on 16.03.2023 (AN).

This issues with the approval of Chief Engineer, NWA, CWC, Pune.

भवदीय/Yours Sincerely,

K. S. Chaitanya 2023.03.08 17:05:50 +05'30'

(चैतन्य के एस / Chaitanya K S)
उप निदेशक एवं कार्यक्रम निदेशक / Dy. Director & Course Director

Copy for kind information to:

1) Senior Joint Commissioner, NPMU-NHP, DoWR, RD & GR, MoJS, New Delhi
2) Director, RDC-I Directorate, CWC, New Delhi

पुणे सिंहगड़ रोड,
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Central Water Commission
National Water Academy

Training Program on
‘Reservoir Sedimentation : Assessment and Monitoring’
(20-24 March 2023)

Program Format: Classroom lectures and Hands-on sessions at NWA campus, Pune

Who can attend: Central and State Implementing Agencies (IAs) of National Hydrology Project of DoWR, RD & GR, MoJS, Govt. of India

Fee: There is no course fee

Registration: Fill in the Google form using the link given below or by scanning QR Code on or before 16.03.2023

https://forms.gle/4Eo3MwtUCfX8mGAv5

For any further information please contact:

Chaitanya K S

DD & Course Director

National Water Academy, Pune - 411024

Mob :9910771794 E-mail: deputydirector1-nwa@gov.in/nwa.mah@nic.in

Central Water Commission
National Water Academy
Tentative Session Plan for training program on
'Reservoir Sedimentation: Assessment & Monitoring'
under National Hydrology Project
20-24 March 2023

Day & Date	Session	Topic
20.03.23 Monday	0900-0915	**Registration**
	0930-1030	**Inaugural Function & Photo Session**
	1030-1145	Sediment Yield & Reservoir Sedimentation Process
	1200-1315	Measures for Sediment Management in Reservoirs
	1430-1545	Life of Reservoir & Sedimentation Studies
	1600-1715	Introduction to Satellite Remote Sensing & Its Applications
21.03.23 Tuesday	0900-1015	Erosion and sediment yield modelling using SWAT
	1030-1145	Erosion and sediment yield modelling using SWAT - Handson
	1200-1315	Reservoir Sedimentation Modelling (NIHResyp)
	1430-1545	Hydrographic Surveys & Recent Advancements
	1600-1715	Bathymetry Data Analysis
22.03.23 Wednesday		**(Gudipadwa Public Holiday) Field Visit to Khadakwasla Reservoir : Advanced Instrumentation for Hydrographic Survey and Field Data Collection**
23.03.23 Thursday	0900-1015	Sediment Yield Measurement & Modelling Techniques
	1030-1145	Modelling Suspended Sediment Yield using Sediment Graph and SCS-CN Methods
	1200-1315	Modelling Suspended Sediment Yield – Handson
	1430-1545	Mapping & Monitoring of Reservoirs and Water bodies
	1600-1715	Mapping & Monitoring of Reservoirs and Water bodies - Handson
24.03.23 Friday	0900-1015	Applications of RS & GIS for Watershed Management
	1030-1145	Satellite Altimetry for Reservoir Water Level and Sedimentation
	1200-1315	Assessment of reservoir capacity and sedimentation using Satellite Remote Sensing
	1415-1530	Case Studies & Hands-on
	1600-1700	Feedback & Valedictory