



Ltr No: T- 980119/14/2026-NWA

Dated: 16 September, 2026

To,

1. Principal Secretary, State/UTs Water Resources/Irrigation Department
2. Engineer-in-Chief, State/UTs Water Resources/Irrigation Department

Sub: Training Program on 'Coastal Data Collection & Its Analysis under Coastal Management Information System (CMIS)' during 26-30 October, 2026 – Request for Nominations – Reg

Sir/Madam,

National Water Academy, Central Water Commission, Pune is organizing a 5-day training program on 'Coastal Data Collection & Its Analysis under Coastal Management Information System (CMIS)' from 26 to 30 October, 2026 in physical mode at its campus in Pune. Information Brochure giving the details about the program is enclosed for ready reference.

This training program is intended to benefit the officers of Central/State Govts/PSUs in the rank of JE/AE/AEE/EE/SE or equivalent and actively working in the water resources sector.

Accordingly, it is requested to kindly nominate 2-3 officers from your department/organization for participation in the said training program. Nominated officers may also be asked to fill up this form (<https://forms.gle/9sbmvtssVYyUaL9>) positively by 15.10.2026. The final list of accepted nominations will be displayed on the NWA website (<https://www.nwapune.gov.in/ongoingevents.jsp>) on 19.10.2026.

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

Encl: Program Brochure

Digitally signed by
Sandeep Bisht
Date: 16-09-2026
10:35:20

Yours Sincerely

(Sandeep Bisht)
Dy. Director & Course Director

Copy for kind information to:

- 1) Director, Training Dte., CWC, New Delhi, with a request to seek nominations from CWC.





पत्र संख्या: T-980119/14/2026-NWA

दिनांक: 16 सितंबर, 2026

प्रति,

1. Principal Secretary, State/UTs Water Resources/Irrigation Department
2. Engineer-in-Chief, State/UTs Water Resources/Irrigation Department

विषय: 26 से 30 अक्टूबर 2026 के दौरान 'Coastal Data Collection & Its Analysis under Coastal Management Information System (CMIS)' पर प्रशिक्षण कार्यक्रम। - नामांकन के लिए अनुरोध - संबंधित महोदय / महोदया,

राष्ट्रीय जल अकादमी, केन्द्रीय जल आयोग, पुणे में 26 से 30 अक्टूबर, 2026 तक अपने परिसर में 'Coastal Data Collection & Its Analysis under Coastal Management Information System (CMIS)' पर पांच दिवसीय प्रशिक्षण कार्यक्रम का आयोजन कर रही है। प्रशिक्षण कार्यक्रम की सूचना विवरणिका तत्काल संदर्भ हेतु संलग्न है।

यह कार्यक्रम केन्द्रीय और राज्य सरकार, सार्वजनिक क्षेत्र के उपक्रमों में JE/AE/AEE/EE/SE या उसके बराबर के पद पर काम करने वाले और जल संसाधन क्षेत्र में सक्रिय रूप से कार्यरत अधिकारियों के लिए है।

अतः, आपसे अनुरोध है कि आप अपने विभाग/संगठन से उक्त प्रशिक्षण कार्यक्रम में भाग लेने के लिए 2-3 अधिकारियों को नामांकित करें। नामांकित अधिकारियों से अनुरोध है कि वे 15.10.2026 तक इस फॉर्म (<https://forms.gle/9sbmvtssVYyUaL9>) को भरकर भेज दें। स्वीकृत नामांकनों की अंतिम सूची 19.10.2026 को एनडब्ल्यूए की वेबसाइट (<https://www.nwapune.gov.in/ongoingevents.jsp>) पर प्रदर्शित की जाएगी।

यह मुख्य अभियंता, रा.ज.अ., के.ज.आ., पुणे के अनुमोदन से जारी किया गया है।

संलग्नक: कार्यक्रम विवरणिका

भवदीय

Sd/-
(संदीप बिष्ट)

उप निदेशक एवं कार्यक्रम निदेशक

प्रतिलिपि जानकारी के लिए :

- 1) निदेशक, प्रशिक्षण निदेशालय, के.ज.आ., नई दिल्ली, केन्द्रीय जल आयोग अधिकारियों के नामांकन प्राप्त करने के अनुरोध के साथ।



**Training Program on Coastal Data Collection & Its Analysis
under Coastal Management Information System (CMIS)**
26-30 October 2026

REGISTRATION FORM

Name (in Capital): _____
Designation: _____
Date of Birth: _____
Organization: _____
Responsibilities (in brief): _____
Full Postal Address: _____
Telephone No (with STD Code): _____
Mobile: _____
Email: _____
Whether require accommodation? YES / NO

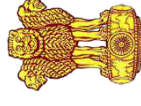
Date : _____ (Signature of the participant)

SPONSORING AUTHORITY

Full Postal Address: _____
Telephone Nos: _____
(With STD Code)
Fax No. (with STD ode): _____
Mobile: _____
Email: _____

Date: _____ (Signature and Seal)

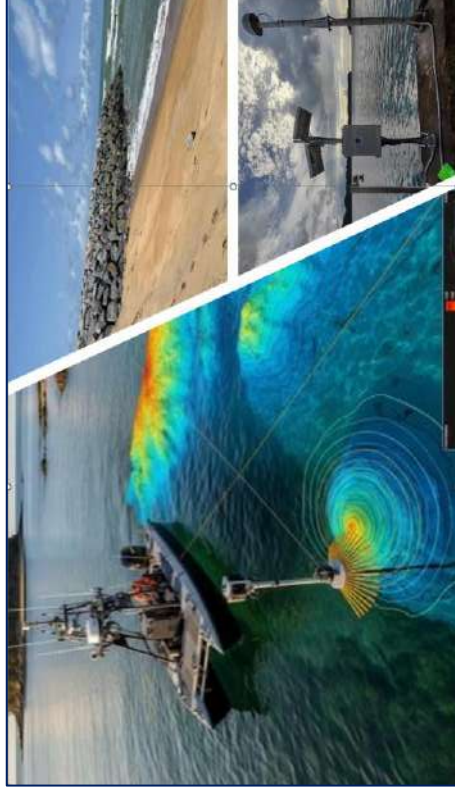
Completed Registration Form may be sent by email to:
E-mail: dd2-nwa@gov.in; nwa.pune@gmail.com



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



**Training Program on Coastal Data Collection & Its Analysis
under Coastal Management Information System (CMIS)**
26-30 October 2026



**Organized by
National Water Academy, Pune**

INTRODUCTION & PROGRAM OBJECTIVE

Effective management and protection of the coastline requires reliable, systematic and site-specific information on coastal processes and their changing behavior. The Coastal Management Information System (CMIS) of the Central Water Commission provides a framework for systematic collection, compilation and analysis of near-shore coastal data at vulnerable coastal reaches. Such data are essential for understanding coastal processes, identifying the causes of erosion and supporting scientific planning of coastal protection and management measures.

Under CMIS, important coastal and associated parameters such as waves, tides, currents, wind, coastal sediments, bathymetry, river discharge and sediment load, beach characteristics and shoreline changes are monitored using appropriate field instruments and techniques. The systematic collection of these parameters over time helps in developing a comprehensive understanding of coastal dynamics, sediment movement and shoreline behavior.

Analysis and interpretation of CMIS data provide valuable inputs for assessment of sediment transport and sediment budget, identification of erosion processes, shoreline-change assessment, development and validation of numerical models, and determination of design parameters for coastal protection works. The information also supports preparation of short-term Coastal Protection Plans and long-term Coastal Management Plans and facilitates sharing of scientific data with concerned stakeholders and State Governments.

The training program on “Coastal Data Collection & Its Analysis under Coastal Management Information System (CMIS)” is conceived to provide participants with an understanding of the principles, techniques and practices involved in coastal data collection, quality assessment, processing, analysis and interpretation. The program will facilitate interaction with experts and sharing of field experiences, case studies and emerging technologies for developing reliable coastal datasets and their effective application in coastal erosion assessment, protection planning and sustainable Coastal Zone Management.

PROGRAM CONTENT

The Program will tentatively cover the following broad topics during the five days:

- Overview of Coastal Processes and Coastal Sedimentation concepts, coastal Erosion problems and protection measures in India
- Working principle of Field instrumentation for coastal measurement
- Remote sensing and drone-based data acquisition, Video Beach Monitoring, and their complementarity with field data; identification of common data gaps, errors, inconsistencies; data cleaning, validation and preparation for analysis; Modelling techniques for Coastal Protection works
- Wave climate analysis and derivation of design wave parameters, design water levels and return period estimation
- Preparation of Bathymetric Charts; Littoral drift estimation and preparation of a coastal sediment budget; sediment cell approach
- Shoreline change analysis, Coastal vulnerability index and erosion hotspot mapping
- Implementation of Coastal Management Information System (CMIS)

METHODOLOGY

The above broad topics will be covered through lecture sessions and practical activities to improve the participants' learning, promote knowledge/ idea exchange.

TARGET GROUP

This training program is intended to benefit the officers of Central/State Govts/PSUs in the rank of JE/AE/AEE/EE/SE or equivalent and actively working in the water resources sector.

FACULTY / RESOURCE PERSONS

The resource persons for the program would be domain experts from CWPRS, CWC, NIO, IITs, NIOT, NCCR, NCSCM, State Coastal Departments, 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	1500/-
D	Central and State Public Sector Undertakings	10000/-
E	Private Companies, individuals	15000/-

***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

Payment for the program fee, if applicable, is to be deposited with NWA before the commencement of the program. 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 details given below:

Account holder name: PAO - Ministry of Water Resources, Account No: 11382328092; IFSC Code: SBIN0001904

PROGRAM DURATION

26-30 October 2026. The participants should reach NWA by the evening of 25 Oct, 2026 and plan their return journey after 1800 Hrs (from NWA) on 30 Oct, 2026.

VENUE

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

PARTICIPATION

The nomination of the officers may be sent to the Course Coordinator/Director latest by **15th October, 2026**. 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 **19th October, 2026**. Also, nominated officers may kindly fill in the google form for registering for the training in the link: **<https://forms.gle/9sbmvtxsxsvYuaL9>**

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.300/- per person per day). Working Lunch during the training program will be provided by NWA. Lodging and boarding will be free for participants from CWC/MoJS. Local pickup/drop will have to be arranged by the participants themselves.

WEATHER

During the month of October, the average temperature of Pune remains around 25°C.

CONTACT

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

Shri Sandeep Bisht,
Deputy Director

National Water Academy, CWC, Khadakwasla, Pune – 411 024
Tel : 020 – 24380144; Mob: 8447207922

E-mail: dd2-nwa@gov.in/nwa.mah@nic.in

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