

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
केंद्रीय जल आयोग
जल विज्ञान (मध्य) निदेशालय



Government of India
Ministry of Jal Shakti
Department of Water Resources, RD&GR
Central Water Commission
Hydrology (Central) Directorate

No. T-980119/22/2021-HYD(C)/

Date: /12/2021

OFFICE MEMORANDUM

Subject: Physical based Mathematical Modelling for Estimation of Sediment Rate and Sediment Transport in Seven (7) River Basins- Workshop #2 – Regarding

Central Water Commission has engaged M/S HaskoningDHV Consulting Pvt. Ltd in JV with SECON Pvt Ltd for carrying out the work of Consultancy Services of Physical based Mathematical Modelling for estimation of Sedimentation Rate and Transport in Seven River Basins, namely - i) Ramganga, ii) Barak, iii) Narmada, iv) Cauvery, v) Kuttidipuzha, vi) Peechi, and vii) Mangalam, under National Hydrology Project.

Under the Capacity and Training module of the project, the first workshop was organized during 4th and 5th October 2021 on MS Teams. In this sequence, the 2nd workshop is being held in online mode on 16th & 17th December 2021 on "Catchment and River Sediment Modelling and Morphological Analysis - Approach and Methods for Modelling and Analysis". The detailed scheduled, session details and link for joining the event are enclosed with this letter.

It is requested that all the interested officer's (CWC & regional Offices') may participate in the workshop after obtaining the consent of their Controlling Officer. It is also requested that CWC regional office's may circulate the program for wider participation and involvement of different stakeholders.

(S K Sinha)
Director, Hydrology (C)
& Member Secretary (TARC)

To, (through email only)

1. Chief Engineer (HSO), CWC - Chairman, Technical Advisory & Review Committee (TARC) for the Study *The Workshop is also being organized in SMD Computer lab, 6th floor, CWC for offline participation of TARC Members*
2. Chief Engineer (P&D), CWC - Member (TARC)
3. Shri Sanjay Kumar Jain, NIH, Roorkee - Member (TARC)
4. Director, Morphology & Climate Change,

CWC - Member (TARC)

5. Director, RDC-II, CWC - Member (TARC)

6. Director, WSRS, CWC- Member (TARC)

7. Director, Finance, CWC- Member (TARC)

8. Director, Remote Sensing, CWC- Member (TARC)

9. Director, Training/D&R/RM/WP&P Coordination, CWC - It is requested that the Workshop Notice may be widely circulated for online participation of interested officers.

Copy to -(through email only)

1. Sr PPS/PPS to Chairman, CWC
2. PPS to Member (D&R/RM/WP&P), CWC
3. Director RDC-I, CWC
4. M/s HaskoningDHV Consulting Pvt. Ltd.

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ΣConserve Water- Save LifeΣ

Signed by Suyash Kamal
Sinha
Date: 13-12-2021 14:47:54
Reason: Approved



Government of India, Ministry of Jal Shakti
Department of Water Resources, RD&GR
Central Water Commission (CWC)

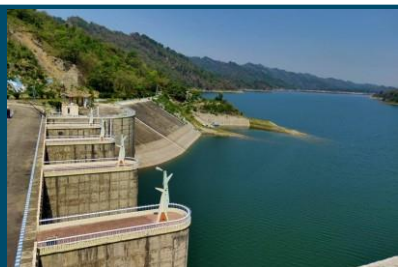


Workshop on:

Catchment and River Sediment Modelling and Morphological Analysis-
Approach and Methods for Modelling and Analysis

Organised under the Consultancy Project:

Physical Based Mathematical Modelling for Estimation of Sediment
Rate and Sediment Transport in Seven (7) River Basins



Online meeting link:

Microsoft Teams meeting

Join on your computer or mobile app

[Click here to join the meeting](#)

Join with a video conferencing device

241053888@t.plcm.vc

Video Conference ID: 124 057 728 6

[Alternate VTC instructions](#)

Or call in (audio only)

[+91 22 6259 1173, 859831880# India, Mumbai](#)

Date

16th & 17th Dec. 2021

Time

10 AM to 5.30 PM

Venue

Phone Conference ID: 859 831 880# [Find a local number](#) | [Reset PIN](#)

https://teams.microsoft.com/l/meetup-join/19%3ameeting_MjMxYjRlNGUtMTU1Ni00ZTM3LWI1YTUtMTRhZmVmMTY5ZmZj%40thread.v2/0?context=%7b%22Tid%22%3a%2215f996bf-aad1-451c-8d17-9b95d025eafc%22%2c%22Oid%22%3a%225a718cbe-d9c3-4674-aa41-90b1d8f39e1d%22%7d

CWC Sewa
Bhawan,
New Delhi

Organized by:



Royal
HaskoningDHV



Deltares



UNIVERSITY OF TWENTE

Sessions of the Workshop



Session Time Sessions - Day 1 (16th Dec. 2021)

10:00 AM to 10:30 AM	Registration and welcome address
10:30 AM to 11:00 AM	Project introduction, objective, scope, content, planning, and schedule
11:00 AM to 11:15 AM	Tea break
11:15 AM to 12:00 PM	General modelling approach for seven basins
12:00 PM to 01:00 PM	Modelling of catchment hydrology and sediment generation-Ramganga
01:00 PM to 02:00 PM	Lunch break
02:00 PM to 03:15 PM	One-dimensional and two-dimensional modelling of hydraulics, sediment transport, and morphology - Ramganga
03:15 PM to 03:30 PM	Tea break
03:30 PM to 04:30 PM	Morphological analysis of Ramganga

Session Time Sessions - Day 2 (17th Dec. 2021)

10:00 AM to 11:00 AM	Modelling of catchment hydrology and sediment generation-Narmada and Barak
11:00 AM to 11:15 AM	Tea break
11:15 AM to 12:00 PM	One-dimensional and two-dimensional modelling of hydraulics, sediment transport, and morphology - Narmada and Barak
12:00 PM to 01:00 PM	Morphological analysis of Narmada and Barak
01:00 PM to 02:00 PM	Lunch break
02:00 PM to 03:15 PM	Modelling of catchment hydrology and sediment generation - Cauvery and 3 west flowing rivers
03:15 PM to 03:30 PM	Tea break
03:30 PM to 04:15 PM	One-dimensional and two-dimensional modelling of hydraulics, sediment transport, and morphology-Cauvery and 3 west flowing rivers
04:15 PM to 04:45 PM	Morphological analysis of Cauvery and 3 west flowing rivers
04:45 PM to 05:15 PM	Summary, gaps, limitations, challenges and way forward
05:15 PM to 05:30 PM	Closing remarks

