



Shri Kushvinder Vohra
Chairman, CWC

Message

In December, the water sector witnessed a flurry of activities. CWC officers actively engaged in monitoring and reviewing of water resources projects, providing expert technical guidance and consultancies.

The Central Water Commission (CWC) diligently monitored the progress of National Projects, such as the Polavaram Irrigation Project, Shahpurkandi project etc. directing attention to key issues. The officers provided crucial guidance to project authorities based on their comprehensive reviews. I myself led the team to finalise PFR of Second Ravi-Beas Link. Number of design issues related to Lakhwar and Renuka project were finalized.

Another significant joint visit took place in respect of the Manas-Sankosh-Tista-Ganga (MSTG) link project along with the officers of NWDA.

CWC has initiated regular interactions with states to enhance synergy of works between CWC and Water Resources/Irrigation/Jal Shakti Departments of all States/UTs. The 3rd Quarterly dialogues were organized with WRD representatives from Maharashtra, Gujarat, Uttar Pradesh, Uttarakhand, and

Madhya Pradesh, fostering synergy in water resource-related activities.

A noteworthy meeting was held regarding the "FLOOD CONTROL AND ANTI-EROSION WORKS ALONG SEKMAI RIVER, MANIPUR". Discussions centered on flood protection through structural measures and riverfront development for Sekmai River, demonstrating a commitment to proactive water management strategies.

In accordance with the Dam Safety Act of 2021, the National Committee on Dam Safety (NCDS) was established through Gazette notifications S.O. 757(E) dated 17.02.2022, as outlined in Section 5(1) of the Act. I had the privilege of chairing the 3rd meeting of NCDS during Dec, 2023.

During the meeting, there were comprehensive discussions on the various draft regulations slated to be formulated under the Dam Safety Act, 2021 resulting in the finalization and approval of 7 regulations. Moreover, to further streamline the dam safety efforts, two sub-committees were also established: Dam Safety Management and Monitoring & Instrumentation.

CWC officers inspected three dams in Karnataka—Krishnaraja Sagar, Almatty dam, and Tungbhadra dam to address various issues encountered during the rehabilitation process

under the Dam Rehabilitation and Improvement Project, Phase-II & III.

Welcoming young professionals to an organization is always a significant moment. New Assistant Directors were entrusted with various works after the completion of their Training (33rd Induction Training Program (ITP), held from April 24, 2023, to December 8, 2023). We have assigned these AD's to come up with ideas on improvement of processes in their work area leveraging the new technologies within two months time to imbibe the fresh ideas.

Documentation is an important step for ensuring consistency and efficiency in the processes. Therefore, we have directed the CWC units to document the existing SOPs and also identify various activities where standardization is required but SOP has not been prepared. SOPs for all such activities shall be prepared and compiled for benefits of all the officers/officials of CWC.

A number of activities and new initiatives has been planned during the coming year. we together shall make efforts to take CWC to newer heights in the coming year. My best wishes to you all.

D. M. S.



NDSA and DRIP

- 3rd meeting of National Committee on Dam Safety (NCDS)
- DRIP-III readiness meeting by World Bank

Meeting Regarding Project

- Kaleshwar Multipurpose Project
- Polavaram Irrigation Project
- Mullaperiyar Dam
- Sirhind/Rajasthan Feeder
- Jamrani Project, Uttarakhand
- Second Ravi Beas Link Project
- Shahpurkandi Dam Project

Webinar/Workshop/Training

- The 33rd Induction Training Program (ITP) for CWES (Group-A)

- Second webinar organized by World Bank
- Training on DBA, preparation of inundation map, EAP etc
- Orientation Workshop on Environmental & Social

Visit/Inspection

- Lakhwar Multipurpose Project
- Krishnaraja Sagar, Almatty Dam and Tungabhadra Dam
- Joint visit of Manas-Sankosh-Tista-Ganga (MSTG) link projectA

Other Important Activities

i. Flood and Related Issues

- Flood Situation in the country - December 2023

ii. Other Activities

- The 3rd Quarterly Dialogue meeting with the States
- Meeting with Shri Rameshwar Singh, MLA, Manipur
- Meeting on report of the Working Group on reorientation of PMKSY, AIBP/CADWM Schemes
- Meeting to review progress on utilization of Satellite Data

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- राजभाषा कार्यान्वयन समिति की बैठक
- हिन्दी कार्यशाला का आयोजन

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NDSA AND DRIP

3rd meeting of National Committee on Dam Safety (NCDS)



National Committee on Dam Safety (NCDS) has been constituted by Ministry of Jal Shakti vide Gazette notifications S.O. 757(E) dated 17.02.2022 under Section 5 (1) of the Dam Safety Act, 2021. Two meetings of NCDS were held on 02.08.2022 and 06.06.2023 respectively.

Shri Kushvinder Vohra, Chairman, CWC and Chairman, NCDS and Ex-officio Secretary to Government of India held 3rd meeting of National Committee on Dam Safety (NCDS) on 05.12.2023. The meeting was attended by the officials from DoWR, RD & GR, CWC, NDSA, NDMA, CSIR-NGRI, NRSC, GSI, HPERC, CEA, MoEF&CC, IMD, WRD Andhra Pradesh, WRD Himachal Pradesh, WRD Bihar, WRD Manipur, WRD Gujarat, WRD Rajasthan.

In the meeting, detailed deliberations on various draft regulations to be formulated as per provisions of Dam Safety Act, 2021 took place. After deliberations, 7 regulations were finalized and approved by NCDS. Also, the constitution of two sub-committees namely Dam Safety Management, and Monitoring & Instrumentation were finalized.

DRIP-III readiness meeting by World Bank

A one day meeting held on 21.12.2023 organized by World Bank at World Bank Office, New Delhi to discuss the readiness/preparation for DRIP-3 with all Implementing Agencies. During this meeting, implementing agencies wise plan for meeting the readiness criteria for DRIP-III has been discussed. The officers from Ministry of Jal Shakti, Central Water Commission, World Bank and respective implementing agencies attended the meeting.



Kaleshwar Multipurpose Project

Shri Sanjay Kumar Sibal, Member(D&R) attended the meeting taken by Hon'ble Minister, Jal Shakti regarding Kaleshwar Multipurpose Project in his chamber on 01.12.2023. Various issues related to Kaleshwar Multipurpose Project were discussed in the meeting.

Polavaram Irrigation Project

Polavaram Irrigation Project (National Project) is being executed on River Godavari near Ramayyapeta village of Polavaram Mandal, West Godavari District, Andhra Pradesh. This multipurpose major project envisages construction of an earth cum rockfill (ECRF) dam along with saddle earth dams, a spillway, irrigation tunnels, navigation tunnel and channel and two main canals on both flanks to create ultimate irrigation potential of 4.36 Lakh Ha. The project also envisages generation of 960 MW of hydropower, drinking water supply to 540 villages and diversion of 84.7 thousand million cubic feet (TMC) of water (including losses) to Krishna basin.

Cost of project as per RCC is Rs. 29027.95 Cr at 2013-14 PL [for quantities as per 1st RCE (2010-11)] and Rs. 47725.74 Cr at 2017-18 PL [for revised quantities as per 2nd RCE (2017-18 PL)]. As per information received from Polavaram project Authority (PPA), total Progress of the Project (including Works, LA and R&R) is 48.69% as on December 2023. Total expenditure incurred on the Project since inception is Rs 21206.96 Cr (Rs 16476.25 Cr under NP) upto 30.11.2023. Total amount reimbursed by Government of India to GoAP after the project is declared as National Project is Rs. 15112.738 Cr. upto December 2023.

A meeting to review the status of Polavaram irrigation project (PIP) was held on 5th December, 2023. The meeting was chaired by Secretary, DoWR, RD&GR, which was attended by Adviser to the Hon'ble Minister (Jal Shakti) and officers from Water Resources Department, Govt. of Andhra Pradesh, Central Water Commission, Polavaram Project Authority (PPA), CSMRS & M/s. WAPCOS.

Discussions were held on issues of seepage in upstream and downstream cofferdams, construction of D-wall and vibro stone columns, hiring of expert design agency & individual experts: Revised Cost Estimate for phase-I: signing of MoU for construction stage, Land Acquisition and R&R: Action Plan for the working season of 2023-24, closure of spillway gates and impounding of reservoir.

Mullaperiyar Dam

Shri Sanjay Kumar Sibal, Member(D&R) attended the meeting taken by Shri Kushvinder Vohra, Chairman, CWC on 04.12.2023 at Chairman's chamber. Various issues related to Mullaperiyar Dam including strengthening measures were discussed in the meeting.

Sirhind/Rajasthan Feeder

A meeting to review the progress of Relining of Rajasthan Feeder and Sirhind Feeder was held under the chairmanship of the Secretary, DoWR on 01.12.2023. The meeting was attended by officers from DoWR, RD&GR, CWC and the Government of Punjab. Principal Secretary, Water Resources, Govt of Punjab apprised the latest status as well as bottlenecks/issues of Projects. Efforts being made to resolve the issues in respect of Rajasthan Feeder and Sirhind Feeder were presented by the Project authorities. It was informed that total 80.60 km of relining has been completed out of 96.65 km of Rajasthan Feeder. Similarly, against total 100.07 km, relining of 84 km of Sirhind Feeder has been completed. About 16 km of relining is left in both the canals. Relining of the balance portion of Sirhind Feeder is proposed to be scheduled in the next closure. The major issue delaying the project is on account of resistance from farmers against the lining, in the apprehension that it may adversely impact ground water levels in the region except for a stretch of a few km where work is planned shortly. The State Government official further informed that a revised design of canal with concrete lining on the sides and tile lining in the bed of the canal was proposed by the Government of Punjab.

After detailed discussions for expeditious completion of Project, it was decided that the Government of Punjab shall take up a pilot in say 1 km stretch as per the design suggested by State Project Authorities with sides lined (concrete Lining) but tiles (brick tiles) at the bottom in respect of execution of Project Rajasthan Feeder and Sirhind Feeder (RF & SF). It was also directed that CWC may technically examine the same and provide its feedback on the technical viability of the option within 10 days of the completion of the Pilot. Shri Sanjay Kumar Sibal, Member(D&R) attended the meeting regarding Sirhind/Rajasthan Feeder chaired by Shri Kushvinder Vohra, Chairman, CWC on 19.12.2023 at Chairman's chamber. Various issues related to the project including stability of side lining of canals were discussed in the meeting.

Jamrani Project, Uttarakhand

Shri Sanjay Kumar Sibal, Member (D&R) chaired a meeting of the review Committee for examining the issue of methodology to be adopted for placement of concrete/type of dam for Jamrani Project, Uttarakhand on 20.12.2023 at Conference Room, 3rd Floor, CWC. Shri Vivek Tripathi, CE Designs (N&W), Shri Samir Kumar Shukla, Director, BCD(N&W), Shri N.S. Shekhawat, Director, CMDD(N&W) and other officers from CWC, CSMRS, Govt. of Uttarakhand also attended the meeting. In the meeting, Member(D&R) stressed the need to develop a rationalised approach for choosing between RCC and CVC, considering technical feasibility and cost-effectiveness. Also, it was decided that the Uttarakhand state would submit Fly-ash test reports to CSMRS and CWC, undertake dynamic analyses using the frequency-based Modal Time History methods that adopt the same sections for CVC and RCC and compare the results and review cost estimates.

Second Ravi Beas Link Project

Shri Kushvinder Vohra, Chairman, Central Water Commission & Ex-Officio Secretary to the Government of India held a meeting to discuss progress of Pre-Feasibility Report (PFR) of Second Ravi Beas Link Project on 15.12.2023 as a follow up of the earlier meetings in this regard.

The meeting was attended by officers of WRD, Govt. of Punjab (GoP), Central Water Commission and other concerned organizations.

During the meeting, detailed discussions were held on the design of barrage based on the visit undertaken by CWC officers from 12-14th December, 2023.

Chairman, CWC directed officials from Design wing of CWC to provide various options on design of barrage to WRD, GoP. Simultaneously, Officials from WRD, GoP in consultation with specialized directorates of CWC may firm up cost and benefits of the project and accordingly, PFR may be finalized immediately.

Shahpurkandi Dam Project

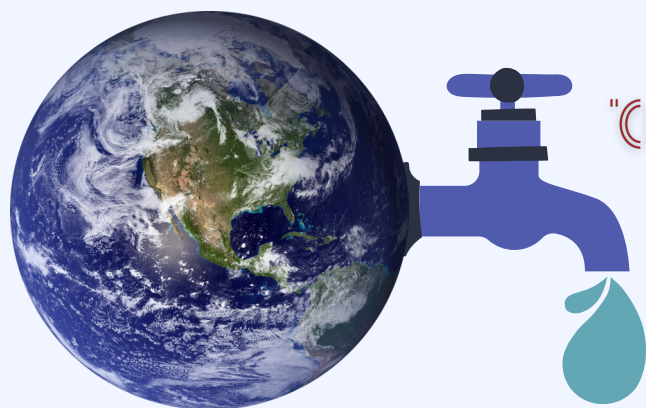
The Shahpurkandi Dam Project (National Project) is on river Ravi, 11 Km downstream of Ranjit Sagar Dam and 8 Km upstream of Madhopur Headworks. It envisages construction of 55.5 m high concrete dam, 7.70 km long Hydel Channel along the left bank of river, 2 nos. head regulators, one to feed Shahpurkandi Hydel Channel (Left side) in Punjab and the other to feed Ravi Canal (right side) in J&K.

The Project has Irrigation benefit of 37173 ha. (32173 ha. in J&K + 5000 ha. in Punjab) and power potential of 206 MW (2x99 MW + 8 MW).

The progress of Main Dam is Excavation- 97.90 % & Concreting- 89 %, whereas in case of Power House- 93.59 % excavation work has been completed by end of November, 2023. The Cost of project as per approved RCE is Rs. 2715.70 Cr at Oct, 2022 PL. Total expenditure incurred on the Project since inception is Rs 2214.97 Cr upto November 2023. Total Central Assistance released under the National Project is Rs. 334.6558 Cr. upto November.2023.

11th meeting of the Monitoring Committee for Shahpurkandi Dam Project (SKDP) to oversee / monitor the implementation of the SKDP (a National Project) on river Ravi in Punjab was convened under the chairmanship of Member (WP&P), CWC, the Chairman of the Monitoring Committee on 07.12.2023.

Discussions were held regarding physical & financial progress of the work (each component/item wise), action programme for balance works for scheduled completion of project, status on issues of realignment of Lakhanpur Basohli Road, construction of Noorah Bridge Statutory Clearances Protection of Mukteshwar temple, Head Regulator of Ravi canal, aqueduct at Sukhral Khad siphon to Kashmir canal, progress of Civil works of Power house of Hydel channel and schedule of impounding of reservoir.



"CONSERVE TODAY, PRESERVE TOMORROW::

SAVE WATER, SAVE LIFE!"

The 33rd Induction Training Program (ITP) for CWES (Group-A)



The Induction Training Program stands as a pivotal initiative within organizations, serving as the gateway for new employees. Designed to familiarize newcomers with departmental culture, policies, and the work environment, this program represents a critical investment in shaping a well-prepared and motivated workforce.

The 33rd Induction Training Program (ITP) for CWES (Group-A) Probationary Officers commenced on 24.04.2023, at the National Water Academy, spanning a comprehensive 8-month duration. Total 08 Nos. of Assistant Director of CWC participated in this ITP. The program was meticulously designed to cover various aspects, including office administration and policies, hydrology, techniques of hydrological data processing, flood forecasting and management, basin planning and management, irrigation planning, water management, and personality development. Conducted in collaboration with NERIWAL, Tezpur, and RGNGWTRI, Raipur, the program also featured project appreciation through visits to significant water projects such as Farakka Barrage, Tehri Dam project, Polavaram project, Sardar Sarovar Project, and survey and investigation sites in the North East Region of India.

The 33rd ITP concluded with a Valedictory Program chaired by Shri Navin Kumar, Member (WP&P), Central Water Commission, and ex-officio Additional Secretary to the Government of India, on December 8, 2023. The event saw virtual participation from Shri A.K. Kharya, CE(BPMO), Dr. B.R.K. Pillai, CE(HRM), and Shri Sunil Kumar, Director (Training).

Second webinar organized by World Bank

The second webinar organized by World Bank in collaboration with the Australian Water Partnership was held on December 8, 2023, focusing on Managing Flood Risks, Gender Equality, Diversity and Social Inclusion.

This is the part of the series of knowledge exchange Webinars on various topics related to Dam Safety and Management, organized by World Bank. These webinars aim to share knowledge between Indian and Australian practitioners/professionals and learn from each other's experiences. As this provides an excellent learning platform for our DRIP implementing agencies and an excellent opportunity to share their experience gained for the past ten years with a broader audience.

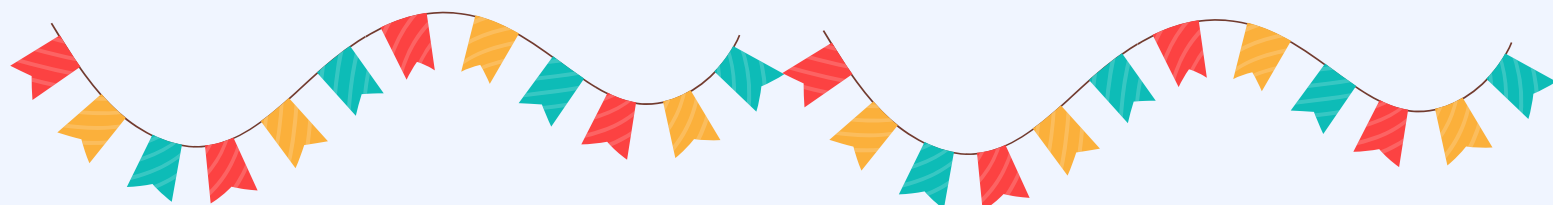
Training on DBA, preparation of inundation map, EAP etc



The five-day training program (11th-15th December 2023) on 'Dam Break Analysis, preparation of inundation maps, Emergency Action Plan (EAP), Reservoir Routing and Free Board Calculations' organised by FE&SA Dte, DSO, CPMU under DRIP Phase-II & III at Training Hall, New Library Building. Total 34 officers from 08 States (namely Punjab, UP, Bihar, Chhattisgarh, Gujarat, Odisha, Telangana, and Andhra Pradesh), 01 State PSU (UPJVNL), and M. Tech. student from IISc. Bangalore attended the training programme.

Orientation Workshop on Environmental & Social

A virtual Orientation Workshop organized by CPMU was held on 29.12.2023 to guide the Implementing Agencies to fill up the information in the requisite Templates in respect of Environmental & Social aspects.



Lakhwar Multipurpose Project



Shri Sanjay Kumar Sibal, Member, D&R, along with a group of CWC officers led by him and other officials/representatives from UJVNL, GGE, CSMRS, and L&T conducted a site visit on 07.12.2023 to various locations of the Lakhwar Multi-Purpose Project (MPP). The areas inspected included the Main Dam location, Diversion structures, Power Intake, and Powerhouse complex. The purpose of the visit was to gain insight into the various issues associated with the Lakhwar MPP.

Subsequently, on 08.12.2023, a meeting took place at UJJWAL Bhawan in Dehradun to discuss the observations made during the site visit and to strategize a way forward in addressing the identified issues of the Lakhwar MPP.

Further a meeting under Chairmanship of Secretary, DoWR, RD&GR to review status of Lakhwar multipurpose project, Uttarakhand was held on 12.12.2023, in the committee room of Department of Water Resources, River Development and Ganga Rejuvenation (DoWR, RD&GR), Shram Shakti Bhawan, New Delhi.

Krishnaraja Sagar, Almatty Dam and Tungabhadra Dam



Shri S.S. Bakshi, Director, CPMU and Sh. Saurabh Sharan, DD, CPMU and the expert from M/s SMEC EM Consultants comprising of Mr Arthur Yapa, TL, Mrs Neeta Arora DTL, Mr Hany Slem Dam Design Expert, HM Expert visited three dams (namely Krishnaraja Sagar, Almatty Dam and Tungabhadra Dam) of Karnataka, on the request of Karnataka Implementing agency during 11th to 14.12.2023 and discussed with the project authorities regarding various issues faced by the Implementing Agency during the rehabilitation progress of dams under the ongoing Dam Rehabilitation and Improvement Project, Phase-II & III.

Joint visit of Manas-Sankosh-Tista-Ganga (MSTG) link project



In response to the request made by National Water Development Agency (NWDA), Lucknow, Uttar Pradesh, a joint field visit to MSTG Link Project was made by officers of CWC, GSI, Kolkata, CSMRS along with officers from NWDA during 19.12.2023 to 23.12.2023.

Sardar Sarovar Dam, Gujarat



I. Floods and Related Matters

Flood Situation in the Country - December 2023

Regular Flood Forecasting Activity commenced on 01.05.2023 in Brahmaputra and Barak and Jhelum basins. During the period from 1st May to 31st December 2023, a total of 6339 (4567 level+1772 Inflow) flood forecasts were issued, whereby 5952 (4336 Level + 1616 Inflow) forecasts were within the permissible limit with an accuracy of 93.89 % percent. 28 Red Bulletins (for Extreme flood situation) and 18 Orange Bulletins (for severe flood situation) were issued in the month of December 2023 from Central Flood Control Room.

Summary of Flood Situation during 01.05.2023 to 31.12.2023

Extreme Flood Situation

5 FF station observed in Extreme Flood Situation.

S. No.	State	District	River	Station	Period	
					From	To
1	NCT Delhi	North Delhi	Yamuna	Delhi Railway Bridge	12/07/2023	15/07/2023
2	Uttar Pradesh	Budaun	Ganga	Kachlabridge	14/07/2023	15/07/2023
					16/07/2023	22/07/2023
					29/07/2023	01/08/2023
					18/08/2023	20/08/2023
3	Assam	Sivasagar	Dikhow	Sivasagar	17/07/2023	17/07/2023
					11/08/2023	12/08/2023
4	Telangana	Kumuram Bheem	Wardha	Sirpur Town	24/07/2023	24/07/2023
					29/07/2023	29/07/2023
5	Sikkim	South Sikkim	Teesta	Melli	04/10/2023	04/10/2023

61 flood monitoring station observed Extreme flood situation.

Severe Flood Situation for FF Stations

76 FF Stations observed Severe Flood Situation in Assam, Bihar, Uttar Pradesh, Andhra Pradesh, Telangana, West Bengal, Jharkhand, Odisha, Madhya Pradesh, Uttarakhand, Maharashtra, Rajasthan and Gujarat.

65 monitoring station observed Severe Flood Situation in Assam, Bihar, Uttar Pradesh, Kerala, Karnataka, Tripura, Uttarakhand, Jammu & Kashmir, Maharashtra, Madhya Pradesh, Telangana, Dadra & Nagar Haveli, Odisha, Jharkhand, Gujarat, West Bengal, Tamilnadu and Andhra Pradesh.

Above Normal Flood Situation

45 FF Stations in Arunachal Pradesh, Assam, Bihar, Jammu and Kashmir, Rajasthan, Uttar Pradesh, West Bengal, Himachal Pradesh, Haryana, Andhra Pradesh, Telangana, Kerala, Maharashtra, Tripura, Odisha, Madhya Pradesh, Gujarat and Tamilnadu observed Above Normal Flood Situation.

Reservoirs having Inflow above threshold limit

The 79 reservoir received inflows above their threshold limit in Andhra Pradesh, Gujarat, Karnataka, Madhya Pradesh, Maharashtra, Odisha, Rajasthan, Tamilnadu, Telangana, Uttar Pradesh, Uttarakhand, West Bengal, Jharkhand and Chhattisgarh.



II. Other Activities

The 3rd Quarterly Dialogue meeting with the States

CWC has initiated Interactions with the Water Resources/ Irrigation/ Jal Shakti Department of all the States/UTs to enhance synergy in the works being done by CWC and those undertaken by the States/UTs in various areas related to Water Resources. The 3rd Quarterly dialogues were organized as per following details.

Maharashtra

The dialogue with the WRD, Govt of Maharashtra was organized on 29.12.2023 in association with the Regional Office, CGWB, Nagpur. The subject of deliberation was "Appraisal of major and medium irrigation projects, issues and solutions". A PPT in



OTHER IMPORTANT ACTIVITIES

this regard was presented by Shri Rajiv Kumar, Director, CWC, New Delhi and Deputy Director, PA(C) on Appraisal process with emphasis on mode of submission of DPR in online portal 'ePAMS'. Officers from State Govt. participated actively and presented their views. The queries raised by the state Govt officials were replied. CGWB, Nagpur also presented PPT on ground water scenario in Maharashtra state.

Gujarat



The dialogue with departments of State of Gujarat was organised on 29.12.2023 under the chairmanship of Shri K.A. Patel, Secretary, WRD, Gujarat & Shri D.S. Chaskar, Chief Engineer (MTBO), Gandhinagar. It was attended by officers from Regional Office of CGWB, Water Resources Dept. of Gujarat, Sardar Sarovar Narmada Nigam Limited (SSNNL), Gujarat Water Resources Development Corporation (GWRDC) etc. Presentation on the works being carried out by CWC and by CGWB in the State of Gujarat was made in the meeting. The matter related to projects under the schemes of the Govt. of India, i.e. PMKSY-AIBP & CADWM and RRR were reviewed and specific issues related to physical and financial progress, bottlenecks, proposed work plan to complete the project etc. were discussed in detail. Officers from State Govt. participated actively and presented their views and appreciated the initiative. The progress of the Sardar Sarovar Project was specifically reviewed in light of the action points emerged during the recent meeting taken by Chairman, CWC.

Uttarakhand



The dialogue with departments of the State of Uttarakhand was held on 27.12.2023 in hybrid mode under the chairmanship of Shri Anupam Prasad,

Chief Engineer, CWC, Lucknow. The meeting was attended by officers from the regional office of CGWB and various state departments related to water resources. Issues related to works being carried out by CWC and CGWB in Uttarakhand like E-flow Monitoring, EFWS, Flood forecasting, Flood plain zoning, GLOF, Vibrant Village Programme, Ground Water resource estimation, Spring rejuvenation, etc. were discussed. Officers from the State Govt. Departments actively took part in the dialogue and presented their views.

Uttar Pradesh



The dialogue with departments of State of Uttar Pradesh was held on 28.12.2023 under the chairmanship of Shri Anupam Prasad, Chief Engineer, CWC, Lucknow. The meeting was attended by officers from the regional office of CGWB and various state departments related to water resources. Issues related to works being carried out by CWC and CGWB in Uttar Pradesh like E-flow Monitoring, EFWS, Flood forecasting, issues related to Water Quality Monitoring, Ground Water extraction under Aspirational Block, State Water Informatics Centre, etc. were discussed in detail and future course of action was suggested.

Madhya Pradesh



The dialogue with departments of State of Madhya Pradesh was organized on 18.12.2023 under the chairmanship of Shri Aditya Sharma, Chief Engineer (NBO), Bhopal. It was attended by officers from Regional Office of CGWB, Water Resources Dept. of Madhya Pradesh and Narmada Valley Development Authority. Presentation on the works being carried out by CWC and by CGWB in the State

of Madhya Pradesh was made in the meeting. Apart from matters related to schemes of Govt. of India, specific issues of the data exchange and data sharing, need for capacity building were discussed in detail. Officers from State Govt. participated actively and presented their views and appreciated the initiative.

Meeting with Shri Rameshwar Singh, MLA, Manipur

Chairman, CWC chaired a meeting with Shri Rameshwar Singh, MLA, Manipur regarding Concept Note on “FLOOD CONTROL AND ANTI-EROSION WORKS ALONG SEKMAI RIVER, MANIPUR”. In this meeting it was told that concept note contains works related to flood protection through structural measures and river front development for Sekmai river. It was highlighted that the DPR is yet to be submitted as per CWC guidelines and it should be prepared envisaging works related to flood protection through structural measures only. After discussion it was summarized that DPR may be prepared as per CWC guidelines and submitted through regional office of CWC via e-PAMS.

Meeting on report of the Working Group on reorientation of PMKSY, AIBP/CADWM Schemes



Shri Kushvinder Vohra, Chairman, CWC and Ex-officio Secretary to Government of India held first meeting of the committee constituted for reviewing ongoing PMKSY-AIBP and CADWM projects on 13.12.2023 in hybrid mode.

The meeting was attended by officials from Govt. of Madhya Pradesh, Gujarat, Odisha, Niti Aayog, DoWR, RD & GR and senior officers from CWC (HQ.) and field organization.

In the meeting officers from States of Madhya Pradesh, Gujarat and Odisha presented status of their projects. Detailed discussions were held on the progress of the ongoing PMKSY-AIBP and CAD&WM projects, their likelihood completion before March,2026, issues and bottlenecks and road to resolve these bottlenecks as well as taking

up of CAD&WM component of those PMKSY projects in new CAD&WM scheme envisaged by DoWR, RD&GR.

Chairman, CWC directed the state officials to present the complete planning of the projects during next meeting for taking decision in the matter.

Meeting to review progress on utilization of Satellite Data



An agreement was signed between DoWR, RD&GR (Ministry of Jal Shakti) and the Department of Space for the utilization of satellite data from RISAT-1A, 1B, RESOURCESAT-3A, and RESOURCESAT-3SA in water resources. With the approval of DoWR, RD&GR, CWC three working groups were constituted for the use of satellite data in different areas, as per the office order dated 19.01.2023, as follows:

1. Working Group, A for Flood & Disaster Management
2. Working Group B on Water Resources Planning
3. Working Group C on Mapping-related activities

Shri Kushvinder Vohra, Chairman, Central Water Commission & Ex-Officio Secretary to the Government of India held a review meeting to assess the progress on the utilization of RISAT-1A, RISAT-1B, RESOURCESAT-3A, and RESOURCESAT-3SA data on 18.12.2023 in the hybrid mode.

The meeting was attended by various officials from CWC-HQ, NRSC, MI Stat Wing (DoWR, RD&GR), etc. During the review meeting, detailed deliberations were held regarding the Action plan for the satellite data utilization covering various aspects like the work plan, progress status, bottlenecks and future course of action for the various activities encompassing the 3 working groups.

Chairman, CWC laid the stress on eliminating the duplication of works by various agencies under the Central and State Govts and also on reducing the dependence on the foreign satellites and becoming self-sufficient in the field of satellite data utilization.

III. राजभाषा संबन्धित

राजभाषा कार्यान्वयन समिति की बैठक

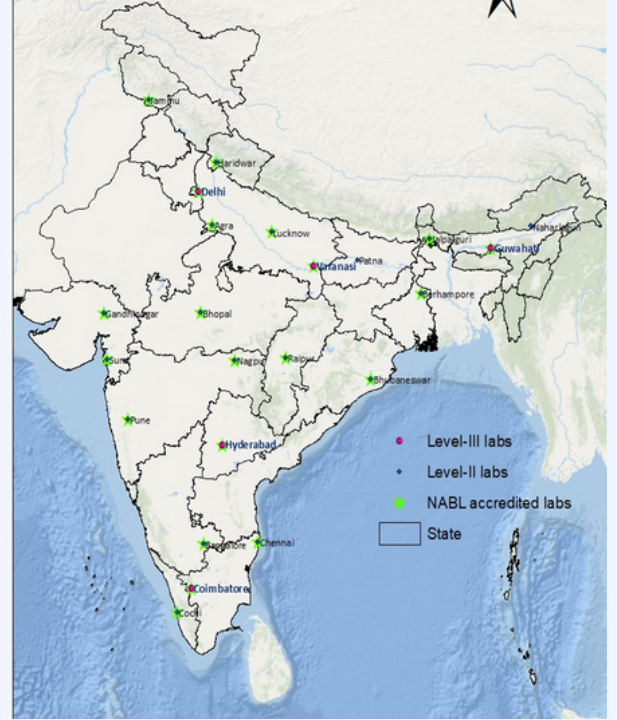


श्री कुशविंदर वोहरा, अध्यक्ष, केंद्रीय जल आयोग और भारत सरकार के पदेन सचिव की अध्यक्षता में, केंद्रीय जल आयोग (मुख्यालय) की राजभाषा कार्यान्वयन समिति की 154वीं बैठक दिनांक 20.12.2023 को आयोजित की गई। उक्त बैठक में अध्यक्ष, के.ज.आ. महोदय द्वारा आयोग में पिछली तिमाही में हुई राजभाषाई प्रगति की समीक्षा की गई। अध्यक्ष, के.ज.आ. महोदय ने आयोग में राजभाषा नीति एवं नियमों के पालन किए जाने तथा हिन्दी में मूल पत्राचार शत-प्रतिशत हिन्दी में करने का निदेश दिया।

NABL Accredited Water Quality Lab

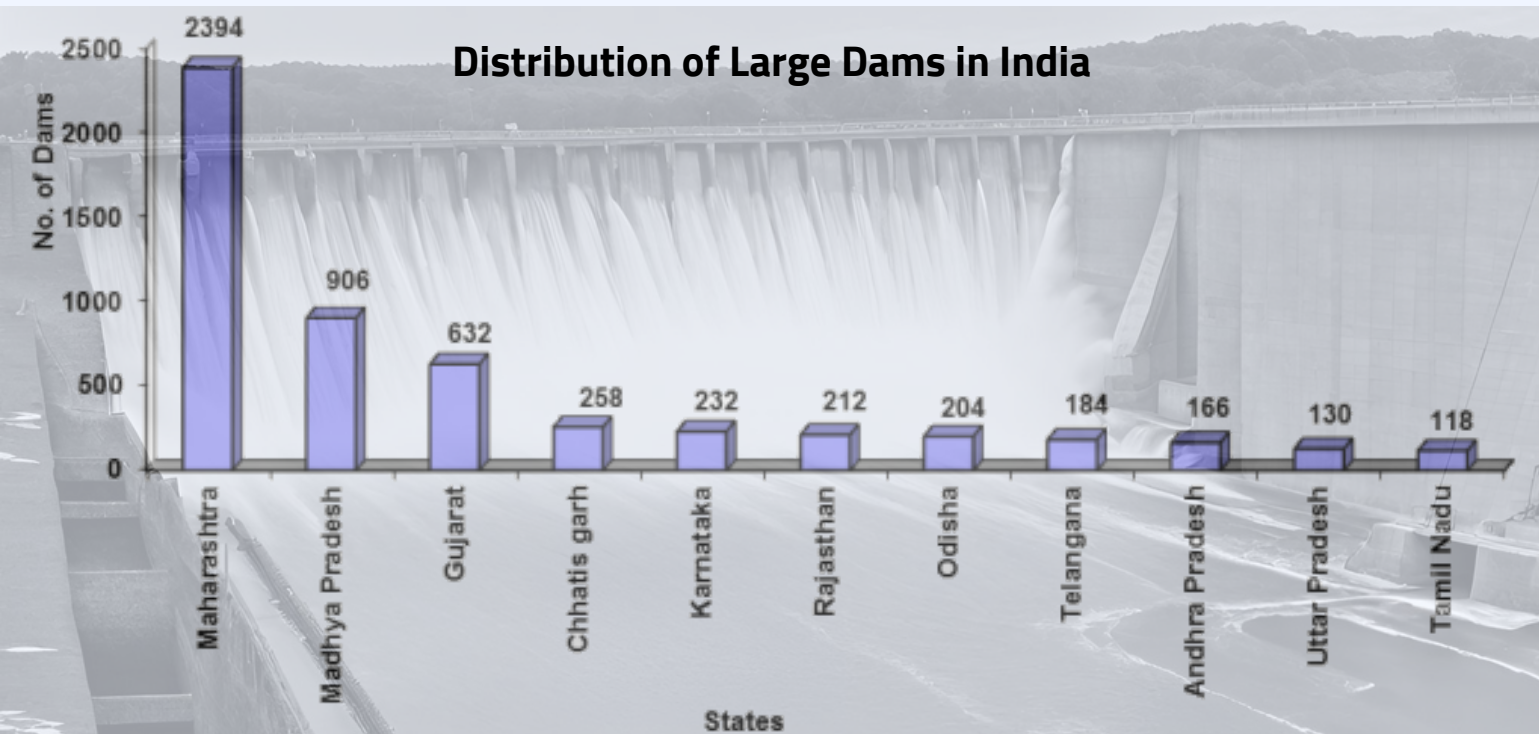
List of Water Quality Labs in CWC			
S. No.	Location of laboratory	Level of Laboratory	Organization
1	National River Water Quality Laboratory, New Delhi	III	YBO, New Delhi
2	Lower Cauvery Water Quality Laboratory, Coimbatore	III	C&SRO, Coimbatore
3	Upper and Middle Ganga Water Quality Laboratory, Varanasi	III	LGBO, Patna
4	Krishna and Godavari River Water Quality, Hyderabad	III	K&GBO, Hyderabad
5	Upper Cauvery Water Quality Laboratory, Bangalore	II	MSO, Bangalore
6	South Western Flowing Rivers Water Quality Laboratory, Kochi	II	C&SRO, Coimbatore
7	Upper Krishna Division Water Quality Laboratory, Pune	II	K&GBO, Hyderabad
8	Mahi Division Water Quality Laboratory, Gandhinagar	II	MTBO, Gandhinagar
9	Lower Yamuna Water Quality Laboratory, Agra	II	YBO, New Delhi
10	Eastern Rivers Water Quality Laboratory, Bhubaneswar	II	M&ERO, Bhubaneswar
11	Hydrology Division, Chennai	II	C&SRO, Coimbatore
12	Wainganga Division, Nagpur	II	MCO, Nagpur
13	Chenab Division, Jammu	II	IBO, Chandigarh

14	Middle Ganga Division -I, Lucknow	II	UGBO, Lucknow
15	Mahanadi Division, Raipur	II	M&ERO, Bhubaneswar
16	Middle Brahmaputra Division, Guwahati	III	BBO, Guwahati
17	Lower Brahmaputra Division, Jalpaiguri	II	T&BDBO, Kolkata
18	U.B. Division, Dibrugarh	II	BBO, Guwahati
19	Lower Ganga Division, Berhampore	II	T&BDBO, Kolkata
20	Middle Ganga Division-5, Patna	II	LGBO, Patna
21	Narmada Division, Bhopal	II	NBO, Bhopal
22	Tapi Division, Surat	II	MTBO, Gandhinagar
23	Himalayan Ganga Division, Dehradun	II	UGBO, Lucknow



हिन्दी कार्यशाला का आयोजन

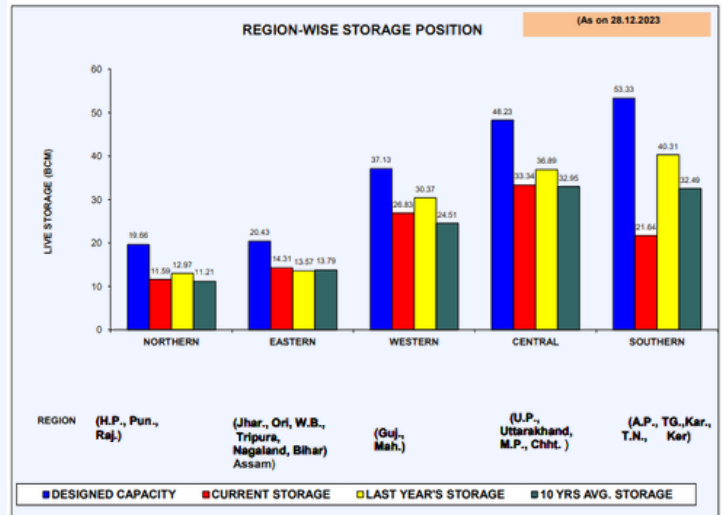
दिनांक 13.12.2023 को केन्द्रीय जल आयोग (मुख्यालय) में एक हिन्दी कार्यशाला का आयोजन किया गया जिसमें श्री अरविंद पारिख, सहायक निदेशक (रा.भा.), सेवानिवृत्त द्वारा “कंप्यूटर में हिन्दी अनुप्रयोग” विषय पर व्याख्यान दिया गया। इस कार्यशाला में व्याख्याता द्वारा आयोग के अधिकारियों/कर्मचारियों को कंप्यूटर में हिन्दी अनुप्रयोगों के विभिन्न पहलुओं एवं इसके महत्व से अवगत कराया गया।



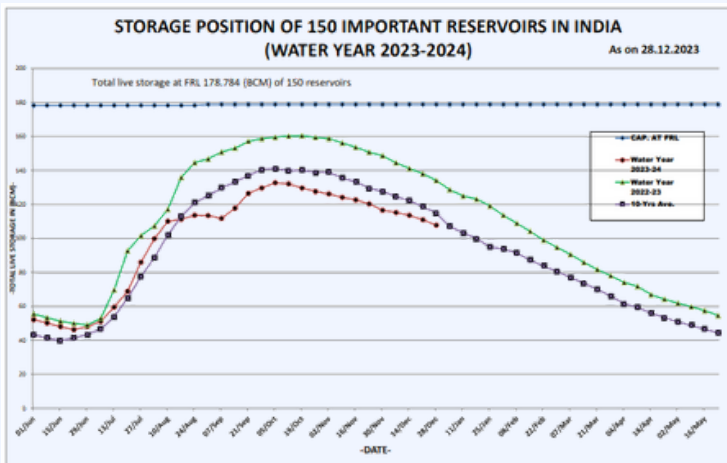
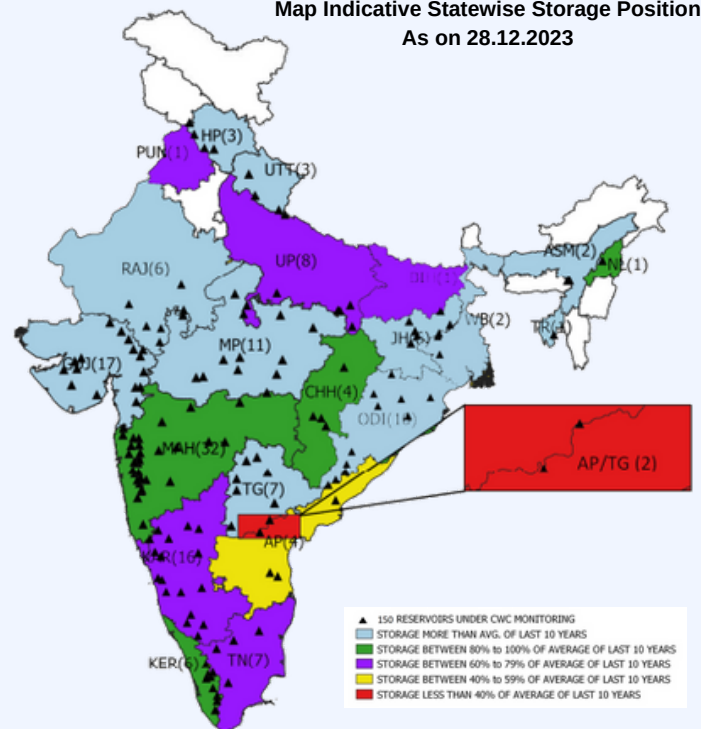
IV. Reservoir Monitoring

CWC is monitoring live storage status of 150 reservoirs of the country on weekly basis and is issuing weekly bulletin on every Thursday. Out of these reservoirs, 20 reservoirs are of hydro-electric projects having total live storage capacity of 35.299 BCM. The total live storage capacity of these 150 reservoirs is 178.784 BCM which is about 69.35% of the live storage capacity of 257.812 BCM which is estimated to have been created in the country.

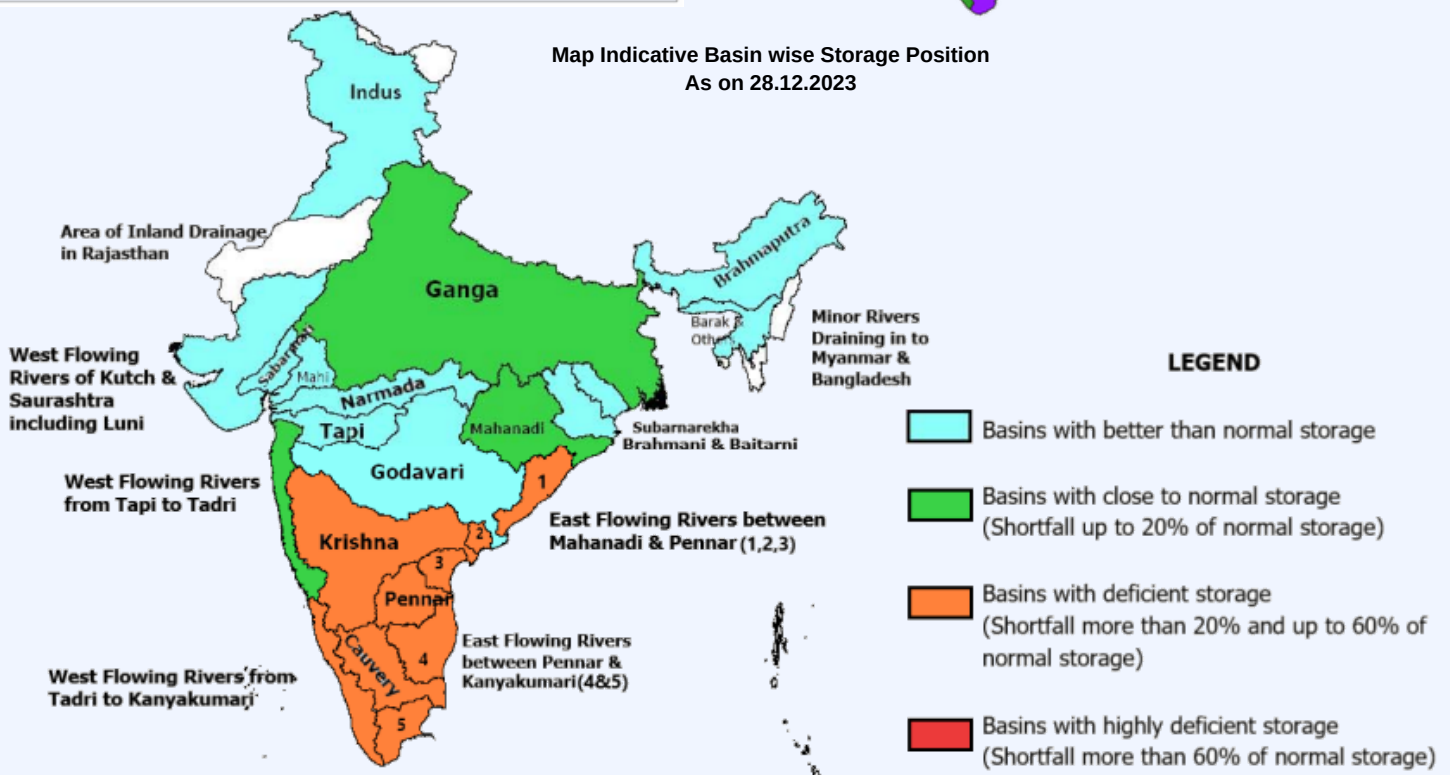
As per reservoir storage bulletin dated 28.12.2023, live storage available in these reservoirs is 107.707 BCM, which is 60% of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was 134.119 BCM and the average of last 10 years live storage was 114.961 BCM. Thus, the live storage available in 150 reservoirs as per 28.12.2023 Bulletin is 80% of the live storage of corresponding period of last year and 94% of storage of average of last ten years.



Map Indicative Statewise Storage Position As on 28.12.2023



Map Indicative Basin wise Storage Position As on 28.12.2023



Gallery



Sh. Mohd. Faiz Syed, Director Hydrology (Urban) Dte. had a meeting with Sh. Anil Kumar, Chief Engineer, I&FC, Zone 1 and other officers of I&FC on 07.12.2023 regarding Embankment details, raising required and salient features/ layout of drains.



Knowledge Co-Creation Program (Country focus) regarding information on Integrated Water Management during 2nd-16th Dec 2023 at JICA, Tsukuba centre in Japan



प्रबोधन मध्य संगठन, केंद्रीय जल आयोग, नागपुर द्वारा दिनांक 22.12.2023 को मुख्य अभियंता श्री. नीरज कुमार मांगलिक की अध्यक्षता में एक हिंदी व्याख्यान का आयोजन किया गया जिसमें डॉ अमित नाफडे, आयुर्वेदाचार्य तथा मुख्य चिकित्सा अधिकारी, सीजीएचएस, नागपुर द्वारा " हृदय रोग के कारण और बचाव" पर सारगर्भित व्याख्यान दिया गया।



8th Meeting of Technical Advisory cum-Executive Committee (North) Zone held on 23.11.2023 at Monitoring (South) Organization, CWC, Bangalore, discussed on 31 Detailed Project Reports (DPRs) pertaining to Yadgir District proposed under Central Government financial assisted Scheme on Pradhan Mantri Krishi Sinchai Yojana, PMKSY-HKKP-SMI.



माही एवं तापी बेसिन संगठन, केंद्रीय जल आयोग, गांधीनगर द्वारा हिन्दी कार्यशाला का आयोजन "विन्तीय प्रबंधन तथा भाषा एवं संस्कृति के परिपेक्ष्य में राजभाषा कार्यान्वयन" विषय पर मुख्य अभियंता महोदय की अध्यक्षता में दिनांक 19.12.2023 को संपन्न हुआ ।



दिनांक 15-12-2023 को माही व तापी बेसिन संगठन, केंद्रीय जल आयोग, गांधीनगर द्वारा 2023 के बाढ़ पूर्वानुमान व्यवस्था की समीक्षा के लिए पोस्ट मानसून अंतरराज्यीय बैठक (तापी, नर्मदा, दमन गंगा बेसिन की) हाईब्रिड माध्यम से (आनलाइन एवं आफलाइन) मुख्य अभियंता, माही एवं तापी बेसिन संगठन केंद्रीय जल आयोग, गांधीनगर की अध्यक्षता में आयोजित की गई।



Central Water Commission

An attached office of Dept. of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti, Govt. of India

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