

**BUREAU OF INDIAN STANDARDS  
(WATER RESOURCES DEPARTMENT)**

**PROCEEDINGS**

**22<sup>nd</sup> Meeting of Water Resources  
Division Council**

**15 JULY 2024, 15 00h**

**Venue: Lal C Verman Hall, BIS New DELHI**



**भारतीय मानक ब्यूरो**  
**BUREAU OF INDIAN STANDARDS**  
**परिषद बैठक की कार्यवाही**  
**PROCEEDINGS OF THE COUNCIL**

बैठक MEETING	दिन एवं दिनांक DAY & DATE	समय TIME	स्थान VENUE
22nd Meeting of Water Resources Division Council, WRDC	15 July 2024	15 00 h	Lal C Verman Hall Manak Bhawan BIS. New Delhi

Shri Kushvinder Vohra, Chairman, Central Water Commission <b>CHAIRPERSON</b>	Shri Dushyant Prajapati, Sc E/Director, Head (Water Resources Department), BIS <b>MEMBER SECRETARY</b>
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**PARTICIPATION:**

Sl. No.	Name	Attendees Email	Mode of Participation
1.	Shri K. K. Singh, CBIP	<a href="mailto:kksingh@cbip.org">kksingh@cbip.org</a>	Phy
2.	Shri P. K. Shukla, CEA	<a href="mailto:Pkshuklacea@nic.in">Pkshuklacea@nic.in</a>	Phy
3.	Shri B. K. Karjee, CWC, Chairman, WRD 22	<a href="mailto:cefmgmt@nic.in">cefmgmt@nic.in</a>	Phy
4.	Shri Rakesh Kashyap, CWC (Chairperson WRD 30)	<a href="mailto:cedams@nic.in">cedams@nic.in</a>	Phy
5.	Shri Vijai Saran, CWC, (Chairperson WRD 14)	<a href="mailto:cedesnws@nic.in">cedesnws@nic.in</a>	Phy
6.	Shri Yogesh Paithankar, CWC, (Chairperson WRD 06)	<a href="mailto:ceprjap@nic.in">ceprjap@nic.in</a>	Phy
7.	Shri Sunil Kumar Ambast, Chairman, CGWB	<a href="mailto:tsmsam-cgwb@nic.in">tsmsam-cgwb@nic.in</a>	Phy
8.	Shri Tapan Chakraborty, CGWB	<a href="mailto:tapan.cgwb@gmail.com">tapan.cgwb@gmail.com</a>	Phy
9.	Dr R. Chitra, Director CSMRS (Chairperson WRD 08 & WRD 16)	<a href="mailto:director-csmrs@nic.in">director-csmrs@nic.in</a>	Phy
10.	Dr R. S. Kankara, Director CWPRS (Chairperson WRD 01)	<a href="mailto:rskankara@gmail.com">rskankara@gmail.com</a>	Vir
11.	Shri Gulshan Raj, GFCC	<a href="mailto:gulshanray-cwc@nic.in">gulshanray-cwc@nic.in</a>	Phy
12.	Dr Praveer Pankaj, GSI	<a href="mailto:Praveer.pankaj@gsi.gov.in">Praveer.pankaj@gsi.gov.in</a>	Vir
13.	Shri Subrata Chattopadhyay, IWD, Kolkata (Rep.)	<a href="mailto:Subhasish.iwd@gmail.com">Subhasish.iwd@gmail.com</a>	Vir
14.	Dr Arun Kumar, IITR, Roorkee (Chairman WRD 29)	<a href="mailto:arun.kumar@hre.iitr.ac.in">arun.kumar@hre.iitr.ac.in</a>	Vir

15.	<i>Dr Deepak Khare, IWRS (IIT Roorkee and IWRS, Roorkee)</i>	<a href="mailto:kharefwt@iitr.ac.in">kharefwt@iitr.ac.in</a>	Vir
16.	<i>Shri Basavaraj R., L &amp; T Chennai</i>	<a href="mailto:basavaraj@Intecc.com">basavaraj@Intecc.com</a>	Phy
17.	<i>Dr Ajay Sharma, NABL, New Delhi</i>	<a href="mailto:ajay@nabl.qcin.org">ajay@nabl.qcin.org</a>	Vir
18.	<i>Shri Vikas Kumar Jaiswal, NABL, New Delhi</i>	<a href="mailto:vikas@nabl.qcin.org">vikas@nabl.qcin.org</a>	Vir
19.	<i>Dr P. K. Saikia, NEEPCO</i>	<a href="mailto:pradipksaikia@rediffmail.com">pradipksaikia@rediffmail.com</a>	Vir
20.	<i>Shri Ashif Iqbal Rahman, NEEPCO</i>	<a href="mailto:ashif_ir@yahoo.co.in">ashif_ir@yahoo.co.in</a>	Vir
21.	<i>Shri Manoj Kumar Singh, NHPC, Faridabad, (Chairperson WRD 12)</i>	<a href="mailto:manoj@nhpc.nic.in">manoj@nhpc.nic.in</a>	Vir
22.	<i>Shri R K Chaudhary, NHPC, Faridabad</i>	<a href="mailto:rkchaudhary@nhpc.nic.in">rkchaudhary@nhpc.nic.in</a>	Vir
23.	<i>Shri Vishal Saini, NHPC, Faridabad (Rep.)</i>	<a href="mailto:vksaini@nhpc.nic.in">vksaini@nhpc.nic.in</a>	Vir
24.	<i>Ms. Swati Garg, NHPC, Faridabad (Rep.)</i>	<a href="mailto:swatiprakash@nhpc.nic.in">swatiprakash@nhpc.nic.in</a>	Vir
25.	<i>Dr M.K. Goel, NIHR, Roorkee (Chairperson WRD 10)</i>	<a href="mailto:director.nihr@gov.in">director.nihr@gov.in</a>	Phy
26.	<i>Shri M. D. Patel, NWRWS, Gujarat</i>	<a href="mailto:ce-ng-nwrws@gujrat.gov.in">ce-ng-nwrws@gujrat.gov.in</a>	Phy
27.	<i>Superintending Engineer, TNWRD</i>	<a href="mailto:sedesignstnpwdwr@gmail.com">sedesignstnpwdwr@gmail.com</a>	Vir
28.	<i>Pawan Kumar, EE (CCD Lucknow), Irrigation and Water Resources Department, UP</i>	<a href="mailto:pawankumar.upiwr@gmail.com">pawankumar.upiwr@gmail.com</a>	Phy
29.	<i>Dr P. C. Nawani, In Personal Capacity, Gurugram (Chairperson WRD 05)</i>	<a href="mailto:drnawani@gmail.com">drnawani@gmail.com</a>	Phy
30.	<i>Shri S. K. Saha, IRI, Roorkee</i>	<a href="mailto:ce@iriroorkee.res.in">ce@iriroorkee.res.in</a>	Phy
31.	<i>Shri Satish Kamboj, Director, CWC</i>	<a href="mailto:designstds-cwc@nic.in">designstds-cwc@nic.in</a>	Phy
32.	<i>Shri Apoorva, Raj, Deputy Director, CWC</i>	<a href="mailto:designstds-cwc@nic.in">designstds-cwc@nic.in</a>	Phy

**Regrets:**

1	Dr V Sundar IIT Madras, Chennai ( <i>Chairperson WRD 28</i> )
2	Dr C.S.P. Ojha, IIT Roorkee, Roorkee ( <i>Chairperson WRD 30</i> )

**Item 0 GENERAL****0.1 Welcome by Deputy Director General (Standardization - II), BIS.**

Shri Sanjay Pant, Deputy Director General Standardization, welcomed Shri Kushvinder Vohra, Chairman, Central Water Commission & Chairperson, WRDC and all the Members of the Council who joined the meeting physically and virtually. Shri Pant acknowledged Shri Vohra's presence and extended gratitude for his leadership and vision in the field of water resources sector for the country. He appreciated the efforts of the Council and 21 Sectional Committee Chairpersons and respective experts who

have been whole heartedly serving for the national cause of standards formulation. He also mentioned about the progress of the Sectional Committee through increased meetings and the increasing participation of the Members after initiatives of Hybrid meetings by BIS. Shri Pant emphasized on even more active participation for the development of standards and for the revision of old published standards specially Pre 2000 published standards to bring them at par with global technological advancements.

Shri Pant also discussed new standards identified for development in the Standards National Action Plan (SNAP 2022-27) and the crucial collaboration with various government departments and regulators to define key areas for standardization. He mentioned about the implementation of ministry-wise Annual Plans for formulation of new and revised standards, ensuring a systematic approach to standardization. Additionally, Shri Pant introduced the Council about R&D project scheme funded by BIS with a budget upto 10 lakhs for collection of empirical data/information etc. to facilitate evidence based approach towards the revision of existing standards or development of new standards. Shri Pant also mentioned before the Council about various new initiatives of BIS like the signing of MoUs with 91 educational institutions and the establishment of 16 standardization chairs at IITs and NITs, reinforcing the commitment to academic collaboration in standardization; capacity building programmes by BIS and strengthening of manpower in BIS.

Shri Pant thanked all the Members of the Council and the technical committee members for their collective efforts and driving significant advancements in the standardization of water resources under the able leadership of Shri Kushvinder Vohra's and his vision playing pivotal role in guiding these efforts.

## **0.2 Opening remarks by the Chairperson, Water Resources Division Council.**

In opening remark, Chairperson, WRDC Shri Kushvinder Vohra emphasized the role of standards in sustainable water management, climate resilient infrastructure and the responsibility of the Council and its Sectional Committees to establish best practices and guidelines. He mentioned about the inclusion of recent focus areas in Indian Standards such as urban flooding, glacial lake outburst floods (GLOFs) & landslide lake outburst floods (LLOFs), and repair, retrofitting and rehabilitation of Dams as the need of the hour. Further the Chairperson stressed upon need to prioritize these issues and align the efforts of Council with India's sustainable development which must be at the core of any standard.

Shri Vohra highlighted the need for collaboration with stakeholders beyond committee membership as essential for comprehensive standardization efforts. He encouraged the Council to explore opportunities in developing internationally adoptable national standards and take up leadership for the same at ISO, while also stressing the importance of agility in standard development to meet evolving challenges promptly. He not only highlighted the existing challenges of reducing capacities of reservoirs due to sedimentations and increased cases of urban flooding and GLOFs but also placed before the Council, the upcoming challenges like unpredictable precipitation pattern and temperature rise due to climate change where Council being the apex body for standardization should focus upon to develop standards for sustainable and climate resilient structures.

The chairperson concluded by expressing confidence in the Council's ability to achieve its objectives and extended appreciation to the Sectional Committees for their dedicated

contributions. The Chairperson expressed his gratitude for the members invaluable contributions to formulating international standards and encouraged continued active participation and collaboration and looking forward to more productive discussions and fruitful outcomes.

### **Item1 CONFIRMATION OF THE PROCEEDINGS OF LAST MEETING**

The Council NOTED item 1 of the agenda and there being no comments, CONFIRMED the proceedings of the 21<sup>st</sup> meeting of Council as circulated.

### **Item 2 ACTION TAKEN REPORT ON DECISIONS OF THE 21<sup>st</sup> MEETING**

The Council NOTED action taken report of the 21<sup>st</sup> meeting of the Council.

### **Item 3 ROLE, SCOPE AND COMPOSITION OF WATER RESOURCES DIVISION COUNCIL, WRDC**

#### **3.1 Role of the Division Council**

The Council NOTED item 3.1 of the agenda.

#### **3.2 Present Scope and Composition of Water Resources Division Council, WRDC**

**3.2.1** The Council NOTED item 3.2.1 of the agenda and reviewed the present scope of the WRDC. The Council after deliberations observed that the existing scope of the Council covers all the prospective of water resources being undertaken under the Council at present and DECIDED to make no changes in the existing scope.

**3.2.2** The Council NOTED item 3.2.2 along with ANNEX 2 of the agenda and reviewed the Composition of the Council. The Council after deliberation DECIDED the following:

- a) Recommend the WITHDRAWAL of Indian National Committee on Surface Water, New Delhi as the same is a separate Member because the same is already represented in the Council through Central Water Commission being its one of the departments and therefore its separate representation is not required.
- b) Recommend the WITHDRAWAL of NTPC Ltd. as the same is not into hydropower projects significantly. The Council however RECOMMENDED to Co-Opt SJVNL, Shimla in place of NTPC Ltd. being the active player in hydropower projects. The Council requested BIS Secretariat to seek the nominations of SJVNL as Council Member.
- c) In response to the information provided by BIS Secretariat about retirement of both the representatives, the Council further reviewed the membership of NICMAR, Hyderabad and requested BIS to pursue with the Institute for fresh nominations.
- d) The Member Secretary informed the Council for nominations awaited from Irrigation and Waterways Directorate, Kolkata. In ref to the recent communication with BIS, the nominations are expected from the organization. The Council requested BIS to pursue with the organization.
- e) The Member Secretary also informed the Council regarding the non-participation of WRD Bhopal and Water and Power Consultancy Services, New Delhi in the Council meetings. In view of recent DO letter issued to the organizations through

WRDC Chairperson, it is expected to have response and regular participation from these organizations in future. The Council DECIDED to review their membership in the next meeting.

**3.2.3** The Council reviewed item 3.2.3 of the agenda and expressed a serious concern over the non-participating members in the Sectional Committees as well as Council meetings. The Council advised the BIS Secretariat to:

- a) Sensitize the top authorities of the organizations regarding non-participation of the Members in the Sectional Committee meetings through emails seeking fresh or revised nominations where required.
- b) The Council also advised BIS secretariat to meet the Secretaries WRD of the State through personal meetings to apprise them about the role and significance of BIS standards and need of their active involvement in BIS technical committee work.
- c) The Council also suggested the respective Member Secretaries of the Sectional Committees to regularly write letters to the departments for fresh nominations/updates at least twice a year. The Council also requested the Member organizations to keep updating BIS regarding the nominated experts upon their transfer/superannuation.

**3.2.4** The Council NOTED the reconstitution of WRDC for the term of next 3 years as decided by Standards Advisory Committee in Dec 2023.

**3.2.5** The Council NOTED the reappointment of Chairperson, CWC as the Chairperson of WRDC for the term of 3 years i.e. up to 3<sup>rd</sup> May 2026.

**3.2.6** The Council NOTED item 3.2.6 of the agenda and expressed satisfaction with the present strength of the Search Committee.

#### **Item 4 APPOINTMENT OF CHAIRPERSON OF SECTIONAL COMMITTEES**

**4.1** The Council noted item 4.1 of the agenda. The Council after deliberations and further views from the Members of the Council DECIDED to reappoint the Chairpersons of the 17 Sectional Committees for the term of next three years from the date being due. The updated list of Chairpersons along with the date of appointment/reappointment is given at **ANNEX A**. Regarding the remaining 4 Sectional Committees, please see item 4.2 below, which are also enlisted in **ANNEX A**.

#### **4.2 Appointment of the Chairperson of New Sectional Committees**

The Council reviewed the item 4.2 of the agenda along with the recommendations of the search Committee and DECIDED the following:

<b>S. No.</b>	<b>Sectional Committee</b>	<b>Chairpersonship nominations</b>	<b>Decision of The Council</b>
1.	WRD29 : Small Hydropower Plants	Prof Arun Kumar, IIT Roorkee  (Approved by DC Chairperson on 06 Dec 23)	AGREED to the nomination of Prof Arun Kumar, IIT Roorkee as the Chairperson of WRD 29 in Personal Capacity.

2.	WRD30 : Repair, Retrofitting and Rehabilitation of Dams	Proposal: 1. Chief Engineer (DSO), CWC	AGREED to the nomination of CE (DSO), CWC as the Chairperson of WRD 29
3.	WRD31 : Urban Flooding	Proposal: 1. Chief Engineer (HSO), CWC	AGREED to the nomination of CE (HSO), CWC as the Chairperson of WRD 31
4.	WRD32 : Glacial Lake Outburst Floods (GLOFs) and Landslide Lake Outburst Floods (LLOFs)	Prof C. S. P. Ojha, IIT Roorkee  (Approved by DC Chairperson on 06 Dec 23)	AGREED to the nomination of Prof C. S. P. Ojha, IIT Roorkee as the Chairperson of WRD 29 in personal capacity.

## Item 5 REVIEW OF SCOPE AND COMPOSITION OF SECTIONAL COMMITTEES

**5.1** The Council NOTED item 5.2 of the agenda. The Member Secretary requested the Council to apprise BIS for any updations in the Composition as placed at ANNEX 4 of the agenda. The Council also agreed that the name of the organizations from where nominations are awaited be included in the composition only after their nominations are received by BIS.

As discussed during the meeting, the updated composition of the Sectional Committees incorporating the updations received by BIS and incorporating the decision of the Council in its 22<sup>nd</sup> meeting for co-option/withdrawals (see item 5.3 and 5.4 below) is placed at **ANNEX B**. The Member organizations in the composition have also been segregated where nominations are still awaited. These organizations will be pursued and invited in the Sectional Committee meetings and whenever nominations/fresh nominations are received showing their interest of participation, the composition of the Sectional Committee will be updated.

### 5.1.1 Co-options in the Division Council by Standards Advisory Committee, WRD

The Council NOTED agenda item 5.1.1.

**5.1.2** The Council noted item 5.1.2 of the agenda and after deliberations DECIDED to reconstitute the existing 17 Sectional Committees with the changes as decided in the item **5.2, 5.3** and **5.4** of these proceedings for the term of next 3 years from the date of being due i.e. up to Jun 2027.

**5.1.3** The Council NOTED item 5.1.3 of the agenda and reviewed the proposed composition of the four newly constituted Sectional Committees (WRD 29, WRD 30, WRD 31 and WRD 32) as placed at ANNEX 4 of the agenda. The Council NOTED that the proposal submitted by the Search Committee has been approved by the Chairperson WRDC and the Council ENDORSED the decision of the Chairperson, WRDC. The Council requested the four Sectional Committees to further review the respective composition, where required. The Council requested BIS Secretariat to

further pursue with the organizations where nominations of the proposed organizations are awaited and also requested Search Committee to help the Secretariat in the same.

## 5.2 Proposed Change in the Scope of Sectional Committees

### 5.2.1 Proposed Change in the Scope of WRD 29 Small Hydropower Plants

The Council deliberated on the proposal of the Sectional Committee and was of the view that the proposed changes in the scope also covers the Mechanical and Electromechanical automation and uprating which may be beyond the scope of this Committee. The Chairperson, WRDC requested BIS Secretariat to further discuss the proposal along with the Chairperson of the Sectional Committee, Prof Arun Kumar vis a vis the standards in other departments of BIS and resubmit the proposal.

Since the subject matters are also being dealt by the respective Sectional Committee at ISO level, the proposal requires decisions on the matter at the earliest. The Council authorized the Chairperson to approve the submitted proposal with the change in scope of the Sectional Committee on behalf of the Council.

### 5.2.2 Proposed Change in the Scope of WRD 9 Dams and Spillways

The Council deliberated on the proposal of the Sectional Committee and agreed to the revised scope of the Sectional Committee WRD 09 as placed below:

*“Standardization of criteria for planning, design, construction, operation, maintenance and related aspects of various types of dams and spillways”*

### 5.2.3 Proposed Change in the Scope of WRD 32 Glacial Lake Outburst Floods (GLOFs) and Landslide Lake Outburst Floods (LLOFs)

The Council deliberated on the proposal of the Sectional Committee and observed that word ‘glaciers’ is beyond the scope of this Committee as the same is dealt under a complete separate science and agreed to the following revised scope of the Sectional Committee WRD 32 as placed below:

*“Standardization related to practices for glacial lake and landslide lake flood management, including nomenclature, mapping and monitoring, depth, area and volume estimation, hydrodynamic modelling, risk assessment, early warning systems, planning and measures for flood mitigation”*

in place of

*‘Standardization related to practices for glacier and landslide lake flood management, including nomenclature, mapping, volume estimation, hydrodynamic modeling, vulnerability assessment, early warning systems, and planning for flood mitigation’.*

## 5.3 Co-options in the respective Sectional Committees

The Council NOTED the Co- options of the respective Sectionals Committees as given at item 5.3 of the agenda.



#### 5.4 Withdrawals of Membership in the respective Sectional Committees

The Council deliberated on the recommendations of the withdrawals proposed by the Sectional Committees and agreed upon by the Search Committee in its 2<sup>nd</sup> meeting on 28<sup>th</sup> Jun 2024. The Council after deliberations opined that Members organizations where there is no alternative or representation from that region should be further pursued by BIS. However, for the remaining Members organizations, the Council agreed to their WITHDRAWAL Membership upon inactive participation as placed below:

S. No.	Committee No.	Organization Name
1	WRD 06	NTPC Limited, Noida
		Water Resources Department, Chhattisgarh
		Gujarat Engineering Research Institute, Vadodara
		Indian National Committee on Surface Water, New Delhi
		Jal Shakti Vibhag, Himachal Pradesh
2.	WRD 10	Andhra Pradesh Engineering Research labs Hyderabad
3.	WRD 23	Irrigation Department, Haryana
4	WRD 29	Kerala State Pollution Control Board IIT Ropar Maharashtra Energy Development Agency (MEDA)

#### Item 6 TRANSFER / WITHDRAWAL OF INDIAN STANDARDS

##### 6.1 Transfer of Standards

##### 6.1.1 IS 9296: 2001 Inspection and Maintenance of Dams and Appurtenant Structures- Guidelines

The Council deliberated on the proposal for transfer of above Indian standard to newly constituted Sectional Committee and opined that the existing standard on maintenance is a day today operational subject and is well within the scope of the present Sectional Committee of WRD 09. The newly constituted Sectional Committee has wider role to frame standards on repairs, retrofitting and rehabilitations of Dams including the evaluation of the existing dams and its safety concerns. The Council therefore DECIDED **not** to transfer the standard at present.

##### 6.2.1 IS 5225:1992 Meteorology- Rain Gauge Recording - Specification IS 5235:1992 Meteorology- Rain Gauge Non-Recording - Specification

The Council NOTED item 6.2.1 of the agenda and requested BIS Secretariat to expedite the matter.

## Item 7 REVIEW OF ACTIVITIES

The Council NOTED item 7.1, 7.2 and 7.3 of the agenda and appreciated the efforts of the Sectional Committees. The Council also requested the Chairpersons to review the pending documents under the respective Sectional Committees and expedite the process.

### 7.1 Harmonization of Standards

The Council reviewed the harmonization of the ISO standards under WRDC. The Chairperson expressed his views that India has done a significant work in the field of water resources and we should rather be at the stage of giving our deliverable/standard to ISO for adopting them as International standard for use by other countries.

The Chairperson requested BIS Secretariat to review the list of BIS standard vis a vis ISO standard in the sector of Water Resources with the following information to the Council:

- a) List of BIS adopted standards
- b) List of ISO standards available but not adopted
- c) List of subject areas where there are no ISO standards in the field of water resources.

## Item 8 NEW SUBJECT PROPOSAL FOR APPROVAL.

The Council noted item 8 of the agenda and in view of discussions at item 5.2.1 of the agenda (see 5.2.1 of the proceedings above) APPROVED the following subjects:

Comm. No.	Subject
WRD 29	Small Hydropower Plants - Planning and Layouts.
	Small Hydropower Plants -Detailed Design of Civil Works
	Small Hydropower Plants -Detailed construction

Regarding the subject proposal '**Small Hydropower Plants – Renovation, modernization and uprating**', the Council authorized the Chairperson to approve the subject on behalf of the Council upon resubmission of the proposal by BIS after studying the scope of other technical departments in BIS (see item 5.2.1 above).

## Item 9 INTERNATIONAL ACTIVITIES and ITEM 1 of ADDENDA to AGENDA

### 9.1 BIS Role and Secretariat Responsibilities

**9.1.1** The Council NOTED item 9.1.1 of the agenda. Regarding item 1 of Addenda to agenda, the Council APPROVED the proposal of the Sectional Committee WRD 03 **Groundwater** regarding the upgradation of BIS Membership in ISO/TC 113/SC 5 from

Observer(O) to Participating(P) membership. The Council also agreed with the proposal of the Sectional Committee for nomination of **Dr H. J. Pant (*In personal capacity*)** in the above Committee and its working group as proposed.

## 9.2 Balloting on ISO Documents

The Council NOTED item 9.2 of the agenda.

## 9.3 Completion of the term of Chairpersons of ISO technical committee/ subcommittee(s)

The Council reviewed item 9.3 of the agenda and DECIDED the following name of experts for the chairpersonship of ISO/TC 113 and its Sub Committee ISO/TC 113/SC 06 as placed below:

Committee Designation	Name of Present Chairperson/Convener	Term of office
ISO/TC 113 Hydrometry	Shri Girish Kumar Agarwal, Chief Engineer YBO, CWC	The Council proposed the name of Shri Devendra Pratap Mathuria, CWC as expert from India for the next term of ISO/TC 113 Chairpersonship.
ISO/TC 113/SC 6 Sediment Transport	Dr Isaac, Neena, Sc E CWPRS	The Council proposed the name of Prof. Z. Ahmad, IIT Roorkee from India for the next term of ISO/TC 113/SC 06 Chairpersonship.
ISO/TC 113/SC 1 Velocity Area Method	Shri Mukesh Sinha, <i>Presently</i> Chairperson, Godavari River Management Board	The Council NOTED.

## 9.4 Participation in the ISO International Activities

### 9.4.1 Hosting of Plenary meeting of ISO TC 113 Hydrometry and its Sub Committees/Working Groups

The Council NOTED item 9.4.1 of the agenda.

### 9.4.2 Participation in the ISO Meetings

#### a) ISO/TC 339 Small Hydropower Plants

The Council NOTED the detail of participation of the following Indian delegation in the 1<sup>st</sup> and 2<sup>nd</sup> meetings of ISO/TC 339 virtually held on 14 Jun 23 and 22 May 24:

## i) First Meeting Delegation:

- *Prof. Arun Kumar, HRED, IIT Roorkee (Head of delegation)*
- *Shri Nagaraj G. P, Director (Technical), Karnataka Renewable Energy Development Limited, Government of Karnataka*
- *Shri Sanjay Marwaha, Member WRD 03*
- *Shri Shyam Lal Kapil, Member In Personal Capacity WRD 05*
- *Smt. K Rekha Rani, Central Water Commission, New Delhi*
- *Shri Sanjay Kumar Shahi, MNRE, New Delhi*
- *Sh. Rajkumar Bhawariya, Ministry of New and Renewable Energy*

## ii) Second Meeting Delegation:

- *Prof. Arun Kumar, Chairperson, HRED, IIT Roorkee (Head of delegation)*
- *Prof. Varun, Associate Professor, NIT Hamirpur*
- *Shri Pradeep Gupta, Greenko Group*
- *Shri Sandeep Batra, NHPC, Faridabad.*
- *Prof. Vishnu Prasad, Maulana Azad NIT, Bhopal*
- *Prof. Sunil Kumar Singhal, HRED, IIT Roorkee*
- *Smt K Rekha Rani, Central Water Commission, New Delhi*
- *Shri Ravi Negi, Geological Survey of India*
- *Shri Divyankur Aggarwal, Andritz Hydro Private Limited, Faridabad*
- *Shri Adit Kumar Shah, Voith Hydro Private Limited*
- *Shri Deepk Raj Pokharna, Flovel Energy Private Limited*
- *Shri Sanjay Kumar Shahi, MNRE, New Delhi*

b) ISO/TC 113/SC 08 **Groundwater ISO/TC 113/SC 08**

The Council NOTED the detail of participation of the following Indian delegation in the 15th meetings of ISO/TC 113/SC 08 attended physically at South Korea on 29 and 30 May 2024.

**Delegation:**

- *Dr C P Priju, CWRDM,*
- *Dr Ishwar Chandra Das, NRSC, ISRO, (On BIS Fund)*
- *Mr. Tapan Chakraborty, CGWB*
- *Mr. Sanjay Marwaha, Haryana WR Regulatory Authority, (on BIS Fund)*
- *Ms. Rumi Mukharjee, CGWB,*
- *Dr Ranjan Ray, CGWB*
- *Dr Vaibhav Eknath Gosavi, Scientist- D, G B Pant Institute, Almora,*
- *Dr Shyam Lal Kapil, Executive Director, NHPC*
- *Mr. Ajay Meena, Asstt. Director, BIS*

**Item 10 SEMINARS/WORKSHOPS ORGANIZED BY BIS**

The Council NOTE item 10 of the agenda and expressed that for effective sanitization of the work of WRDC and role of standards, BIS should conduct more no. of such programmes and should also participate in national and international programmes for better liaison and collaboration with the institutions and experts.

**Item 11 RECENT INITIATIVES IN THE STANDARD DEVELOPMENT PROCESS OF BIS****11.1 Standards National Action Plan (Snap) 2022-27**

The Council NOTED item 11.1 of the agenda and opined that for effective progress of the work on SNAP 2022-27, a separate meeting needs to be held on the progress of the work with the Chairpersons of the Sectional Committees so as to understand the difficulties being faced to achieve the target of 2022-27. The Chairperson, WRDC requested BIS to hold a separate meeting with the Chairpersons and other relevant stakeholders to review the progress of SNAP.

**11.2 Revised timelines for Standard formulation****11.3 Memorandum of Understanding with Eminent Institutes and Introduction of Academic curriculum on Standardization in Colleges and Institutions****11.4 Pro-active Actions for Dissemination of Information through Social Media**

The Council NOTED item 11.2 to 11.4 of the agenda.

**Item 12 BIS CERTIFICATION SCHEMES****Item 13 WTO – TBT ENQUIRY POINT****Item 14 FREE ACCESS TO INDEGINOUS INDIAN STANDARDS****Item 15 TRAINING TO TECHNICAL COMMITTEE MEMBERS ON STANDARDIZATION**

The Council NOTED item 12 to 15 of the agenda.

**Item 16 RESEARCH AND DEVELOPMENT PROJECTS****16.1 INTRODUCTION & OBEJECTIVES****16.2 ALLOTTED R&D PROJECTS**

The Council NOTED item 16.1 and 16.2 of the agenda and appreciated the efforts of BIS to introduce small R&D projects for the development of the standards. The Chairperson, however advised the Sectional Committees to keep in view the available State or Central agencies and already available papers/documents/guidelines while taking up the subjects.

**Item 17 ANY OTHER BUSINESS.**

There being no other business for discussion, the Council meeting ended with Vote of Thanks to the Members and the Chairperson.

**ANNEX A***(Item 4.1)***RECONSTITUTION OF CHAIRPERSON SECTIONAL COMMITTEE AS EX-OFFICIO MEMBERS OF THE COUNCIL**

COMM. NO.	TITLE	Chairperson	REAPPOINTED w.e.f.
WRD 1	HYDROMETRY	DIRECTOR, CWPRS PRESENTLY: SHRI R S KANKARA	29-06-2024
WRD 3	GROUND WATER AND RELATED INVESTIGATIONS	MEMBER (HQ) (CGWB) PRESENTLY: SHRI SATISH KUMAR	29-06-2024
WRD 5	GEOLOGICAL INVESTIGATION AND SUBSURFACE EXPLORATION	DR. P C NAWANI (IN PERSONAL CAPACITY)	29-06-204
WRD 6	WATER RESOURCES PLANNING, MANAGEMENT AND EVALUATION	CHIEF ENGINEER (PAO), CWC PRESENTLY: SHRI YOGESH PAITHANKAR	29-06-2024
WRD 8	FOUNDATIONS AND FOUNDATION TREATMENT	DIRECTOR CSMRS PRESENTLY: DR. R. CHITRA	29-06-2024
WRD 9	DAMS AND SPILLWAY	CHIEF ENGINEER DESIGNS (E&NE) (CWC) PRESENTLY: SHRI S D SHARMA	29-06-2024
WRD 10	RESERVOIRS AND LAKES	DIRECTOR (NIH) PRESENTLY: DR. M K GOEL	29-06-2024
WRD 12	HYDRAULIC GATES AND VALVES	GENERAL MANAGER (D&E) (NHPC) PRESENTLY: SHRI M K SINGH	29-06-2024
WRD 13	CANALS AND CROSS DRAINAGE WORKS	CHIEF ENGINEER DESIGNS (N&W) (CWC) PRESENTLY: SHRI VIVEK TRIPATHI	29-06-2024
WRD 14	WATER CONDUCTOR SYSTEMS	CHIEF ENGINEER DESIGNS (NW&S) (CWC) PRESENTLY: SHRI VIJAI SARAN	29-06-2024
WRD 15	HYDROELECTRIC POWER HOUSE STRUCTURES	CHIEF ENGINEER DESIGNS (N&W) (CWC) PRESENTLY: SHRI VIVEK TRIPATHI	29-06-2024
WRD 16	HYDRAULIC STRUCTURES INSTRUMENTATION	DIRECTOR (CSMRS) PRESENTLY: DR. R. CHITRA	29-06-2024
WRD 21	SAFETY IN CONSTRUCTION, OPERATION & MAINTENANCE OF RIVER VALLEY	EXECUTIVE DIRECTOR (CIVIL) (NHPC) PRESENTLY: SHRI SUPRAKASH ADHIKARI	29-06-2024
WRD 22	FLOOD MANAGEMENT, EROSION MANAGEMENT AND DIVERSION WORKS	CHIEF ENGINEER (FMO) (CWC) PRESENTLY: SHRI B K KARJEE	29-06-2024
WRD 23	MEASUREMENT AND COST ANALYSIS OF WORKS OF RIVER VALLEY PROJECTS	EXE. DIRECTOR (CIVIL) (NHPC) PRESENTLY: SHRI HASAN NADEEM	29-06-2024
WRD 24	ENVIRONMENTAL ASSESSMENT AND MANAGEMENT OF WATER RESOURCES	CHIEF ENGINEER (EMO) (CWC) PRESENTLY:	29-06-2024

WRD 28	COASTAL ZONE WATERMANAGEMENT	DR. V SUNDAR, IIT MADRAS (IN PERSONAL CAPACITY)	29-06-2024
WRD 29	SMALL HYDROPOWER PLANTS	PROF ARUN KUMAR, IIT ROORKEE (IN PERSONAL CAPACITY)	06-12-2023
WRD 30	REPAIR, RETROFITTING, & REHABILITATION OF DAMS	CHIEF ENGINEER (DSO), CWC PRESENTLY: SHRI RAKESH KASHYAP,	15-7-2024
WRD 31	URBAN FLOODING	CHIEF ENGINEER (HSO), CWC PRESENTLY: SHRI MANOJ TIWARI	15-7-2024
WRD 32	GLACIAL LAKE OUTBURST FLOODS (GLOFS) AND LANDSLIDE LAKE OUTBURST FLOODS (LLOFS)	PROF CHANDRA SHEKHAR PRASAD OJHA, IIT ROORKEE (IN PERSONAL CAPACITY)	06-12-2023

## ANNEX B

## COMPOSITION OF 17 SECTIONAL COMMITTEES UNDER WRDC

## COMPOSITION OF HYDROMETRY SECTIONA COMMITTEE, WRD 01

Scope: a) Standardization of methods, procedures, instruments and equipment relating to techniques for hydrometric determination of water level, velocity, discharge and sediment transport in open channels and fluid flow in closed conduits, hydrological and meteorological investigations. b) Coordination with the work of: i) ISO/TC 113 Hydrometry and its subcommittees SC 1 and SC6 – secretariat ii) ISO/TC 113, iii) ISO/TC 113/SC1, SC2, SC5 & SC 6 - P member iv) ISO/TC 30 Measurement of fluid flow in closed conduits and its subcommittees SC v) ISO/TC 30/SC 5 and ISO/TC 30/SC 7, SC 2 - O member

Last 3 meetings		26 <sup>th</sup> meeting – 20 Jan 2023	27 <sup>th</sup> meeting – 12 Mar 2024	28 <sup>th</sup> meeting – 10 Apr 2024		
SL. NO.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			26 <sup>th</sup>	27 <sup>th</sup>	28 <sup>th</sup>	
1.	CENTRAL WATER & POWER RESEARCH STATION, PUNE	DIRECTOR ( <i>Chairperson</i> ) [Presently: SHRI R.S. KANKARA]	Y	Y	Y	
2.	AIMIL LTD, NEW DELHI	SHRI ANURAG GUPTA, GM SHRI KULDEEP SHARMA, SENIOR APPLICATION ENGINEER (Alternate)	X	X	X	
3.	BHAKRA BEAS MANAGEMENT BOARD, PUNJAB	DIRECTOR(WR) SENIOR DESIGN ENGINEER (WR) (Alternate)	X	X	X	
4.	BRAHMAPUTRA BOARD, GOVT. OF INDIA, GUWAHATI	SHRI SHER SINGH, VICE CHAIRPERSON SHRI SHYAMAL KUMAR DEKA, SUPERINTENDING ENGINEER (Alternate)	X	Y	X	
5.	BHABHA ATOMIC RESEARCH CENTRE, RADIOCHEMISTRY AND ISOTOPE GROUP, MUMBAI	SHRI H.J.PANT SCIENTIFIC OFFICER (H) AND HEAD, SHRI V.K.SHARMA SCIENTIFIC OFFICER (G) (Alternate)	Y	Y	Y	
6.	CENTRAL WATER & POWER RESEARCH STATION, PUNE	DR. R.G PATIL, SC. E SHRI B. SURESH KUMAR (Alternate)	Y	Y	Y	
7.	CENTRAL WATER COMMISSION, NEW DELHI	CHIEF ENGINEER, YBO DIRECTOR (RDC -2) (Alternate) DIRECTOR HYD. (Alternate)	Y	Y	Y	
8.	CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT Kozhikode (CWRDM)	DR. MANOJ P SAMUEL, EXECUTIVE DIRECTOR DR. CELINE GEORGE, SENIOR PRINCIPAL SCIENTIST (Alternate) DR. DRISSIA T K, SENIOR SCIENTIST (Alternate)	Y	Y	Y	
9.	DMR HYDROENGINEERING AND INFRASTRUCTURES LIMITED, FARIDABAD	SHRI SHANKRACHARYA, HYDROLOGY EXPERT SHRI PUSHKAR ANAND, SENIOR ENGINEER(Alternate)	NR	NR	X	
10.	FLUID CONTROL RESEARCH INSTITUTE, PALAKKAD	SHRI J.P. K. SURESH MR. GOPAN C. K , (Alternate)	Y	Y	X	



11.	GUJARAT ENGINEERING RESEARCH INSTITUTE, VADODARA	SHRI N. R. MAKWANA, JOINT DIRECTOR (IRRIGATION) SHRI V.R.RATHWA, RESEARCH OFFICER, HYDRAULICS DIVISION (Alternate)	X	X	X
12.	INDIA METEOROLOGICAL DEPARTMENT, NEW DELHI	SHRI S.K. MANIK SHRI MADHU LATHA AKKISETTI (Alternate)	X	X	X
13.	INDIAN INSTITUTE OF SCIENCE, BENGALURU	PROF. D. NAGESH KUMAR	X	X	X
14.	INDIAN INSTITUTE OF TECHNOLOGY, DELHI	DR. D R KAUSHAL PROF. S. CHAKMA	Y	X	X
15.	INDIAN INSTITUTE OF TECHNOLOGY MADRAS	DR. BALAJI NARASIMHAN DR. SOUMENDRA NATH KUIRY, ASSOCIATE PROFESSOR (CE) (Alternate)	X	X	X
16.	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	PROF ASHISH PANDEY, WRDM PROF SUMIT SEN, HYDROLOGY (Alternate)	X	Y	X
17.	L&T – SARGENT & LUNDY LIMITED	SHRI YOGENDRA D MISHRA SHRI KARTHIK T (Alternate)	X	Y	X
18.	NHPC LIMITED, FARIDABAD	MS. MANJUSHA MISHRA, GENERAL MANAGER (CIVIL) SHRI SHYAM DHAR SHUKLA, DEPUTY GENERAL MANAGER SHRI SAMEER SHRIVASTAV, MANAGER (CIVIL) (Alternate)	X	X	Y
19.	NATIONAL INSTITUTE OF HYDROLOGY, ROORKEE	DR. P.C. NAYAK DR. J.P. PATRA (Alternate)	Y	Y	Y
20.	CSIR- NATIONAL PHYSICAL LABORATORY, NEW DELHI	DR. A.K. BANDYOPADHYAY SHRI SHIV KUMAR JAISWAL (Alternate)	X	X	Y
21.	NATIONAL REMOTE SENSING CENTRE, HYDERABAD	DR. V. VENKATESHWAR RAO SHRI K.H.V. DURGA RAO (Alternate)	X	X	X
22.	NATIONAL WATER DEVELOPMENT AGENCY, NEW DELHI	SHRI SHAJATNAN K.H SHRI S. R. MOHAR (Alternate)	X	Y	Y
23.	RESEARCH DESIGN AND STANDARDS ORGANIZATION, LUCKNOW	SHRI PRADIP KUMAR SHRI U V SINGH (Alternate)	X	X	X
24.	SUTRON HYDROMET SYSTEMS PVT.LTD., NEW DELHI	SHRI DEEPAK GUPTA SHRI SOMESH KUMAR (Alternate)	X	X	X
25.	WATER RESOURCES DEPARTMENT. GOVT. OF ANDHRA PRADESH	SHRI P. JOHN VICTOR SHRI A.G. MANOJ KUMAR (Alternate)	Y	X	X
26.	DEPARTMENT OF WATER RESOURCES, GOVT. OF PUNJAB, CHANDIGARH	ER.H. S. MINHAS SHRI VIJAY KUMAR (Alternate)	X	X	X
27.	WATER RESOURCES ORGANIZATION, PUBLIC WORKS DEPTT. TAMIL NADU	SHRI ER. S. SRIDHARAN SUPTED ENGINEER DESIGN WRO (Alternate)	Y	Y	Y
28.	IN PERSONAL CAPACITY	DR. NAYAN SHARMA	Y	Y	Y

### COMPOSITION OF GROUND WATER AND RELATED INVESTIGATIONS SECTIONAL COMMITTEE, WRD 3

Scope: a) Standardization of all aspects of groundwater resources, related investigations, water harvesting and recharge for ground water b)Co- ordination with work of ISO/TC 113 / SC 8

Last 3 meetings		22nd – 21st July 2023	23 <sup>rd</sup> meeting – 02 Feb 2024	24 <sup>th</sup> meeting – 12 Apr 2024		
SL . NO.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			22 <sup>nd</sup>	23 <sup>rd</sup>	24 <sup>th</sup>	
1.	CENTRAL GROUND WATER BOARD, FARIDABAD	MEMBER (HQ) ( <i>Chairperson</i> ) [Presently: SHRI SATISH KUMAR, MEMBER (HQ), CGWB]	Y	Y	Y	
2.	CENTRAL ELECTRICITY AUTHORITY, NEW DELHI	SH BALWAN KUMAR, DIRECTOR SMT ARPITA UPADHYAY, DEPUTY DIRECTOR (Alternate)	Y	Y	Y	
3.	CENTRAL GROUND WATER BOARD, FARIDABAD	SHRI SANJEEV MEHROTRA, SCIENTIST D MS. RUMI MUKHERJEE, SCIENTIST D	Y	Y	Y	
4.	CENTRAL POLLUTION CONTROL BOARD, NEW DELHI	SMT. SUNITI PARASHAR, SCIENTIST C, WATER QUALITY MANAGEMENT DIVISION	X	Y	X	
5.	CENTRAL WATER AND POWER RESEARCH STATION, PUNE	DR. MANDIRA MAJUMDER, SCIENTIST C DR. SUNITHA NAIDU, SCIENTIST B(Alternate 1) SHRI G.A. PANVALKAR, SCIENTIST B (Alternate 2)	Y	Y	Y	
6.	CENTRAL WATER COMMISSION, NEW DELHI	SH. AJAY KUMAR, SUPERINTENDING ENGINEER (PLANNING CIRCLE) SHRI VIMAL KUMAR, DIRECTOR (WM) (Alternate)	Y	Y	X	
7.	CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT, KOZHIKODE	Dr. C.P. PRIJU, SENIOR SCIENTIST Dr. ARUN P.R., SENIOR SCIENTIST (Alternate)	X	Y	Y	
8.	CSIR - NATIONAL GEOPHYSICAL RESEARCH INSTITUTE, HYDERABAD	DR. M. J. NANDAN PRINCIPAL SCIENTIST & HEAD	X	X	Y	
9.	G B PANT INSTITUTE OF HIMALAYAN ENVIRONMENT AND DEVELOPMENT, KOSI	SHRI VAIBHAV EKNATH GOSAVI SCIENTIST-C	Y	Y	Y	
10.	GEOLOGICAL SURVEY OF INDIA, NEW DELHI	SHRI SANTOSH KUMAR TRIPATHI, DEPUTY DIRECTOR GENERAL (Promoted) SHRI SANJEEV SHARMA (Alternate)	Y	Y	X	
11.	GROUNDWATER SURVEYS AND DEVELOPMENT AGENCY, PUNE	DR VIJAT PAKHMODE DEPUTY DIRECTOR (Promoted)	X	Y	Y	
12.	GUJARAT ENGINEERING RESEARCH INSTITUTE, VADODARA	SHRI N. R. MAKWANA, JOINT DIRECTOR (IRRIGATION) SHRI R.K.CHAUHAN, SENIOR GEOLOGIST, ENGINEERING GEOLOGY DIVISION (Alternate)	X	Y	X	

13.	GUJARAT WATER SUPPLY & SEWERAGE BOARD, GUJARAT	SHRI NARESH MANISHANKAR GOR, HYDROLOGIST SHRI ROHIT LALJIBHAI CHAUDHARI, HYDROLOGIST (Alternate)	Y	Y	X
14.	ICAR-INDIAN INSTITUTE SOIL & WATER CONSERVATION RESEARCH & TRAINING INSTITUTE, DEHRADUN	DR. P R OJASVI, P. SCIENTIST & HOD (H&E) DR. SHAKIR ALI, P. SCIENTIST (Alternate)	Y	Y	Y
15.	ICAR-CENTRAL SOIL SALINITY RESEARCH INSTITUTE, KARNAL	DR. M. J. KALEDHONKAR, PROJECT COORDINATOR	X	X	X
16.	INDIA METEOROLOGICAL DEPARTMENT, NEW DELHI	SHRI B. P. YADAV SC 'F' MISS HEMLATA SC-E (HY. SECTION) (Alternate)	X	X	X
17.	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	PROF. DEEPAK KHARE, DEPTT. OF WRDM PROF. BRIJESH KUMAR YADAV, DEPTT. OF HYDROLOGY (Alternate)	Y	Y	Y
18.	MINISTRY OF ENVIRONMENT FOREST AND CLIMATE CHANGE, NEW DELHI	SHRI YOGENDRA PAL SINGH, SCIENTIST E DR. SOURABH UPADHYAY, (Alternate 1) SHRI SOURABH KUMAR (Alternate 2)	Y	X	X
19.	NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT, MUMBAI	SHRI JAY NIGAM, DEPUTY GENERAL MANAGER SHRI SANJAY KUMAR SONI, DEPUTY GENERAL MANAGER (Alternate)	Y	Y	Y
20.	NATIONAL HYDROELECTRIC POWER CORPORATION, FARIDABAD (NHPC)	SHRI SHYAM LAL KAPIL, EXECUTIVE DIRECTOR SH. VACHASPATI PANDEY, DEPUTY GENERAL MANAGER SHRI VIPUL NAGAR, SENIOR MANAGER (GEOPHYSICS), (Alternate)	Y	Y	Y
21.	NATIONAL INSTITUTE OF HYDROLOGY, ROORKEE	DR. ANUPAMA SHARMA SCIENTIST 'G' DR. SURJEET SINGH, SCIENTIST D (Alternate)	Y	Y	Y
22.	NATIONAL REMOTE SENSING CENTRE, HYDERABAD	DR. I C DAS, SCIENTIST 'SG', HEAD HYDRO GEOLOGY DIVISION DR. BIDYUT KUMAR BHADRA, SCIENTIST 'SG (RETIRED)' (Alternate)	Y	X	Y
23.	NORTH EASTERN REGIONAL INSTITUTE OF WATER AND LAND MANAGEMENT, TEZPUR	DR. AMULYA CHANDRA DEBNATH ASSOCIATE PROFESSOR DR. UZZAL MANI HAZARIKA (Alternate)	X	Y	X
24.	TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD, CHENNAI	ENGINEERING DIRECTOR SENIOR HYDROGEOLOGIST (Alternate)	X	X	X
25.	UTTARAKHAND IRRIGATION DEPARTMENT	SHRI DINESH CHANDRA CHIEF ENGINEER LEVEL- 1 SHRI SHANKAR KUMAR SAHA (Alternate)	Y	Y	Y
26.	WATER RESOURCES DEPARTMENT, GOVERNMENT OF MAHARASHTRA	SHRI B. J. GADE Superintending Engineer SHRI M. R. AWALAGNOKAR (Alternate)	X	X	X
27.	WATER RESOURCES DEPARTMENT, PUNJAB, CHANDIGARH	SHRI VIJAY KUMAR GARG, SUPERINTENDING ENGINEER SHRI TUSHAR GOYAL, EXECUTIVE ENGINEER (Alternate)	X	X	X

28.	IN PERSONAL CAPACITY	DR. A. K. KESARI PROFESSOR, IIT, DELHI	Y	Y	Y
29.	IN PERSONAL CAPACITY	SHRI SANJAY MARWAHA	Y	Y	Y
30	IN PERSONAL CAPACITY	SHRI T. S. BADRINARAYAN	NR	NR	Y

**NOMINATION AWAITED**

31..	WADIA INSTITUTE OF HIMALAYAN GEOLOGY, DEHRADUN	NOMINATION AWAITED	NA	NA	NA
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## COMPOSITION OF GEOLOGICAL INVESTIGATIONS AND SUBSURFACE EXPLORATION SECTIONAL COMMITTEE, WRD 5

**Scope:** Standardization of criteria for choice of methods, investigations and testing of subsurface strata and recommendations for collection and presentation of data

Last 3 meetings		25 <sup>th</sup> meeting - 21 July 2022	26 <sup>th</sup> meeting - 22 Sept 2022	27 <sup>th</sup> meeting – 19 May 2023		
SL. NO.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			25 <sup>th</sup>	26 <sup>th</sup>	27 <sup>th</sup>	
1.	IN PERSONAL CAPACITY, GURGAON	DR. P.C. NAWANI ( <i>Chairperson</i> )	Y	Y	Y	
2.	AECS ENGINEERING & GEOTECHNICAL SERVICES PVT. LIMITED, NOIDA	DR. TANU RAGHUVANSHI (MANAGER LABORATORY) MR. SANJEEV TREHAN DIRECTOR (Alternate)	Y	X	X	
3.	AFCONS INFRASTRUCTURE LIMITED, MUMBAI	DR. SUNIL BASARKAR, GM (DESIGNS) DR. LAKSHMANA RAO MANTRI, ASSISTANT GENERAL MANAGER (DESIGN) (Alternate)	Y	Y	Y	
4.	AIMIL LIMITED, NEW	SHRI LAXMIDHAR MOHAPATRA SHRI HEMAN MANCHANDA (Alternate)	Y	Y	Y	
5.	CSIR - CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE	SHRI KOUSHIK PANDIT SCIENTIST DR P. K. S. CHAUHAN PRINCIPAL SCIENTIST (Alternate)	Y	X	X	
6.	CSIR - CENTRAL INSTITUTE FOR MINING AND FUEL RESEARCH, DHANBAD	DR J. K. MOHNOT, CHIEF SCIENTIST & SCIENTIST-IN-CHARGE DR. ANIL SWARUP (Alternate)	Y	Y	Y	
7.	CENTRAL SOIL & MATERIAL RESEARCH STATION, NEW DELHI	SHRI N P HONKANDAVAR, SCIENTIST E SHRI HARI DEV, SCIENTIST E (Alternate)	Y	Y	Y	
8.	CENTRAL WATER & POWER RESEARCH STATION, PUNE	DR. G. DHANUNJAYA, SCIENTIST SHRI V. CHANDRA SHEKAR, SCIENTIST C (Alternate) SHRI B. SURESH KUMAR SCIENTIST C (Alternate)	Y	Y	Y	
9.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI SAMIR KUMAR SHUKLA DIRECTOR (FE&SA) SHRI S K SHARMA, DIRECTOR CMDD (E&NE) (Alternate)	Y	Y	Y	
10.	FERRO CONCRETE CONSTRUCTION PVT LTD, INDORE	DR. MAHAVIR BIDASARIA (Alternate)	Y	Y	X	
11.	GEOLOGICAL SURVEY OF INDIA	SHRI P.K. GAJBHIYE, DIRECTOR SHRI IMTIKUMZUK, DIRECTOR (Alternate)	Y	Y	X	
12.	NARMADA & WATER RESOURCES, WATER SUPPLY & KALPSAR DEPARTMENT, GANDHINAGAR	SHRI K A KESWANI, CHIEF ENGINEER & DIRECTOR SHRI N. R. MAKWANA, JOINT DIRECTOR (IRRIGATION) (Alternate)	Y	Y	Y	
13.	HIMACHAL PRADESH POWER CORPORATION LIMITED, SHIMLA	SHRI ER. R. K. KAUNDAL, GENERAL MANAGER (DESIGNS) SHRI SANJAY RANA DY GM (Alternate)	X	Y	Y	

14.	INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN	DR. R.S. CHATTERJEE, SC 'G' & HEAD, GEOSCIENCES DEPARTMENT	Y	Y	Y
15.	J&K STATE POWER DEVELOPMENT CORPORATION LIMITED	SHRI RAVI PANDITA	X	X	X
16.	M/S PARSONS OVERSEAS LTD.	SHRI SANJAY RANA, MANAGING DIRECTOR SHRI ASHUTOSH KAUSHIK, CEO (Alternate)	X	Y	Y
17.	NARMADA CONTROL AUTHORITY, INDORE	SHRI MK CHAUHAN	X	X	X
18.	NATIONAL INSTITUTE OF ROCK MECHANICS, KARNATAKA	DR. AJAY KUMAR NAITHANI DR. SANDEEP NELLIAT(Alternate)	Y	Y	Y
19.	NATIONAL HYDROELECTRIC POWER CORPORATION LTD, FARIDABAD, FARIDABAD	SHRI SHYAM LAL KAPIL, EXECUTIVE DIRECTOR SHRI AJAY SINGH, DEPUTY GENERAL MANAGER SHRI MOHINDER PAL SINGH, SENIOR MANAGER (GEOPHYSICS),(Alternate)	Y	Y	Y
20.	NTPC LIMITED, NOIDA	SHRI NAVEEN KUMAR JAIN SHRI BHUVNESH KUMAR (Alternate)	Y	Y	X
21.	NORTH EASTERN ELECTRIC POWER CORPORATON LIMITED.	SHRI GIRISH KALITA, MANAGER (GEOLOGY)	X	X	X
22.	SATLUJ JAL VIDYUT NIGAM LIMITED	SH AJAY KUMAR, MANAGER SH BRIJESH BADONI, MANAGER (Alternate)	Y	Y	X
23.	THDC INDIA LIMITED, RISHIKESH	SHRI AJAY KUMAR SHRI KAILASAH CHANDRA UNIYAL (Alternate)	Y	X	Y
24.	UTTARAKHAND JAL VIDYUT NIGAM LTD., DEHRADUN	DIRECTOR (PROJECTS) DR. HARISH BAHUGUNA (Alternate)	X	X	X
25.	IN PERSONAL CAPACITY	GOPAL DHAWAN	Y	Y	X
26.	IN PERSONAL CAPACITY	SH. IMRAAN SYEED	Y	X	Y
27.	IN PERSONAL CAPACITY	SHRI R.K. GOEL	Y	X	Y

## COMPOSITION OF WATER RESOURCES PLANNING, MANAGEMENT AND EVALUATION SECTIONAL COMMITTEE, WRD 6

**Scope:** Standardization for water resources planning, development and management

Last 3 meetings		19 <sup>th</sup> meeting - 28 Oct 2022	20 <sup>th</sup> meeting – 25 July 2023	21 <sup>st</sup> meeting – 26 June 2024		
SL. NO.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			19 <sup>th</sup>	20 <sup>th</sup>	21 <sup>st</sup>	
1.	CENTRAL WATER COMMISSION, NEW DELHI	CHIEF ENGINEER (PAO) ( <i>Chairperson</i> ) [PRESENTLY SHRI YOGESH PAITHANKAR]	Y	Y	Y	
2.	BHAKRA BEAS MANAGEMENT BOARD, CHANDIGARH	DIRECTOR (DESIGN) DY. SECRETARY (PLANNING) (Alternate)	Y	Y	Y	
3.	CENTRAL BOARD OF IRRIGATION & POWER, NEW DELHI	SHRI K. K. SINGH, DIRECTOR WR SHRI KAMAL KUMAR, MANAGER WR (Alternate)	X	Y	Y	
4.	CENTRAL ELECTRICITY AUTHORITY, NEW DELHI	SHRI BALWAN KUMAR, DIRECTOR SMT. ARPITA UPADHYAY, DY. DIRECTOR (Alternate)	Y	Y	Y	
5.	CENTRAL POLLUTION CONTROL BOARD, NEW DELHI	SHRI P. K. MISHRA, SCIENTIST- E & DH-(WQM DIVISION 1)	NR	Y	X	
6.	CENTRAL SOIL & MATERIALS RESEARCH STATION, NEW DELHI	SH. MAHABIR DIXIT, SCIENTIST E SHRI HARI DEV, SCIENTIST E (Alternate)	Y	Y	Y	
7.	CENTRAL WATER COMMISSION, NEW DELHI	SH. N MUKHARJEE, DIRECTOR PA (S) SHRI KIRAN PRAMANIK, DIRECTOR PA (N) (Alternate)	Y	X	Y	
8.	GANGA FLOOD CONTROL COMMISSION, PATNA	SHRI SHER SINGH SHRI AJIT KUMAR DIRECTOR (MP-I) (Alternate)	X	Y	Y	
9.	GEOLOGICAL SURVEY OF INDIA, NAGPUR	SHRI M P SRIVASTAVA SHRI N C SHARMA (Alternate)	X	X	X	
10.	HCC LTD. MUMBAI	PRAVEEN SHETTIGAR SHRI SHARAD GOEL (Alternate 1) SURYARAO CHALAMKURI (Alternate 2)	NR	Y	X	
11.	HIMACHAL PRADESH POWER CORPORATION LTD, SHIMLA	SHRI ER. R. K. KAUNDAL SHRI SANJAY RANA, DEPUTY GENERAL MANAGER (Alternate)	Y	X	Y	
12.	ICAR – INDIAN INSTITUTE OF SOIL AND WATER CONSERVATION	DR. SRIDHAR PATRA, SCIENTIST (SWCE) DR. UDAY MADAL, SCIENTIST (SWCE)	Y	Y	Y	
13.	INDIAN AGRICULTURAL RESEARCH INSTITUTE, NEW DELHI	SHRI MANOJ KHANNA, DIRECTOR DR. SUSAMA SUDHISHRI (Alternate)	Y	Y	Y	
14.	INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR	PROF. DHRUBAJYOTI SEN DR. BHABAGRAHI SAHOO	X	Y	Y	
15.	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	DR M L KANSAL, WRDM PROF N. K. GOEL, HYDROLOGY (Alternate)	X	Y	X	
16.	IRRIGATION DEPTT., KERALA	MS. P LATHIKA MS. P S SOBHANA (Alternate)	X	Y	X	

17.	JAIN IRRIGATION SYSTEMS LIMITED, JALGAON	SHRI DILIP YEWALEKAR, SENIOR VICE PRESIDENT SHRI ABHIJIT BHASKAR JOSHI (Alternate)	NR	Y	Y
18.	JAYPEE INFRA VENTURES, NOIDA	SHRI VATSAL CHOPRA ADVISOR SHRI RAJNISH YADAV, ADDITIONAL CHIEF ENGINEER (Alternate)	X	Y	Y
19.	MINISTRY OF ENVIRONMENT & FORESTS, NEW DELHI	SHRI B. B. BARMAN SHRI R N JINDAL (Alternate)	X	X	X
20.	NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT, MUMBAI	SHRI VIJENDRA SHARMA SHRI N V BASKARAN (Alternate)	X	X	X
21.	NHPC LIMITED, FARIDABAD	SHRI VIVEK DWIVEDI, GENERAL MANAGER (CIVIL) MS. POOJA KUMARI, DEPUTY MANAGER (CIVIL), (Alternate)	X	Y	Y
22.	NATIONAL INSTITUTE OF HYDROLOGY, ROORKEE	DR. SHARAD KUMAR JAIN DR. SANJAY KUMAR JAIN (Alternate)	X	X	X
23.	NATIONAL REMOTE SENSING CENTRE, HYDERABAD	DR. V VENKATESHWAR RAO	X	X	X
24.	NATIONAL RAINFED AREA AUTHORITY, NEW DELHI	SHRI BISWESWAR RATH (TECHNICAL)	Y	Y	X
25.	NITI AAYOG, NEW DELHI	SHRI AVINASH MISHRA SHRI ARUNLAL K. ASSOCIATE (WATER AND LAND RESOURCES) (Alternate)	Y	X	X
26.	SARDAR SAROVAR NARMADA NIGAM, GANDHI NAGAR	DR. V.M. YAGNI SHRI K B PARMAR (Alternate)	Y	Y	Y
27.	SOIL AND LAND USE SURVEY OF INDIA	SHRI RANG LAL MEENA SHRI N S GAHLOD	Y	Y	Y
28.	SJVN LIMITED, SHIMLA	SHRI R K ABROL	X	Y	X
29.	UTTARAKHAND IRRIGATION DEPARTMENT	SHRI DINESH CHANDRA, CHIEF ENGINEER SHRI NAVEEN SINGHAL, SUPERINTENDING ENGINEER (Alternate)	X	X	X
30.	WATER RESOURCES DEPARTMENT, ANDHRA PRADESH	CHIEF ENGINEER (CDO) SUPTD. ENGINEER (DAM CIRCLE) (Alternate)	X	X	X
31.	WATER RESOURCES DEPTT., ARUNACHAL PRADESH	SHRI LIKAR ANGU	X	X	X
32.	WATER RESOURCES DEPTT., BIHAR	SHRI MD. ZIAUR RAHMAN, SUPERINTENDING ENGINEER	X	Y	X
33.	WATER RESOURCES DEPARTMENT, HARYANA	SUPERINTENDING ENGINEER (CDO)	X	X	X
34.	WATER RESOURCES DEPTT, GOVT. OF MADHYA PRADESH	CHIEF ENGINEER BODHI SHRI M K ACHARYA (Alternate)	Y	X	X
35.	WATER RESOURCE DEPARTMENT, GOVT. OF MAHARASHTRA	ADMINISTRATOR SUPTDG ENGR. & DY. SECY (I.M.) (Alternate)	X	Y	Y
36.	WATER RESOURCES DEPTT., GOVT. OF RAJASTHAN	SHRI D R MEENA SHRI CHOTHMAL CHOUDHARY (Alternate)	Y	X	Y



37.	WATER RESOURCES ORGANIZATION, PUBLIC WORKS DEPARTMENT., TAMIL NADU	ENGINEER-IN-CHIEF (WRD) SHRI ER. T GEETHA JAYASHREE (Alternate)	X	Y	Y
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**NOMINATIONS AWAITED**

38.	IRRIGATION & POWER RESEARCH INSTITUTE, AMRITSAR	NOMINATION AWAITED	NA	NA	NA
39.	IRRIGATION AND WATER RESOURCE DEPARTMENT, UTTAR PRADESH	NOMINATION AWAITED	NA	NA	NA

## COMPOSITION OF FOUNDATIONS AND FOUNDATION TREATMENT SECTIONAL COMMITTEE, WRD 8

**Scope:** Standardization of criteria for design and construction of foundations on rocks, impermeable and permeable strata for water resource projects, including methods of foundation treatment

Last 3 meetings		23 <sup>rd</sup> meeting - 8 Oct 2021	24 <sup>th</sup> meeting – 03 Nov 2022	25 <sup>th</sup> meeting – 21 Dec 2023		
SL. NO.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			23 <sup>rd</sup>	24 <sup>th</sup>	25 <sup>th</sup>	
1.	CENTRAL SOILS AND MATERIALS RESEARCH STATION, NEW DELHI	DIRECTOR ( <i>Chairperson</i> ) [Presently Dr. R. CHITRA]	Y	Y	Y	
2.	AFCONS INFRASTRUCTURE LIMITED, MUMBAI	DR. SUNIL BASARKAR, GENERAL MANAGER (DESIGNS) DR. LAKSHMANA RAO MANTRI, ASSISTANT GM (DESIGN) (Alternate)	Y	X	X	
3.	AIMIL LTD, NEW DELHI	DR HEMAN MANCHANDA, DEPUTY GENERAL MANAGER SHRI SANDEEP SHARMA (Alternate)	Y	X	X	
4.	CENTRAL BOARD OF IRRIG. & POWER, NEW DELHI	SHRI K. K. SINGH, DIRECTOR WR SHRI KAMAL KUMAR, MANAGER WR (Alternate)	Y	Y	X	
5.	CENTRAL SOIL & MATERIALS RESEARCH STATION, NEW DELHI	DR. MANISH GUPTA, SCIENTIST E SH. P.S. KRISHNA MURTHY (Alternate)	Y	Y	Y	
6.	CENTRAL WATER & POWER RESEARCH STATION, PUNE	SHRI RIZWAN ALI, SCIENTIST E SHRI SANJAY A BURELE, SCIENTIST C (Alternate) DR. VIJAY GHODAKE, SCIENTIST B (Alternate)	Y	Y	Y	
7.	CENTRAL WATER COMMISSION, NEW DELHI	SAMEER KR. SHUKLA, DIRECTOR (FE&SA) SHRI SOMESH KUMAR, DIRECTOR EMBANKMENT (N&W) (Alternate)	Y	X	Y	
8.	FERRO CONCRETE CONSTRUCTION (I) PVT LTD, INDORE	DR. MAHAVIR BIDASARIA SHRI ANUPAM BIDSARIA (Alternate)	Y	X	X	
9.	GAMMON ENGINEERS AND CONTRACTORS PVT. LTD., MUMBAI	SHRI SADASHIV NAYAK	X	X	X	
10.	GEOLOGICAL SURVEY OF INDIA, KOLKATA	SHRI A.P THAPLIYAL, DIRECTOR SHRI DHARMENDRA KUMAR, SENIOR GEOLOGIST (Alternate)	Y	Y	X	
11.	HCC LTD., MUMBAI	MS. MONIKA PATIL, SR. MANAGER – ENGINEERING SHRI PRAVEEN H SHETTIGAR CHIEF TECHNOLOGY OFFICER & HEAD – TENDERING (Alternate)	Y	X	X	
12.	ITD CEMENTATION INDIA LTD., MUMBAI	SHRI S. R. BHATTACHARYA, ENGINEER	Y	Y	X	
13.	L&T CONSTRUCTION, CHENNAI	SHRI BASAVARAJ R MS. RAJI V.S. (Alternate)	Y	Y	X	

14.	MAHARASHTRA ENGINEERING RESEARCH INSTITUTE, NASHIK	SUPERINTENDING ENGINEER, LIFT IRRIGATION SCHEME CIRCLE  SHRI S M SANGALE, SUPERINTENDING ENGINEER KUKADI IRRIGATION CIRCLE PUNE, MKVDC  EXECUTIVE ENGINEER, LIFT IRRIGATION SCHEME DIVISION-1 (ALTERNATE)	X	Y	X
15.	NATIONAL HYDROELECTRIC POWER CORPORATION LTD, FARIDABAD	SHRI SANTOSH KUMAR, GM (CIVIL) SHRI RAJESH KUMAR, GM (CIVIL), MS. ANINDITA CHAUDHARI, Dy. Manager (Civil), (Alternate)	Y	Y	Y
16.	NTPC LIMITED, NOIDA	SHRI NAVEEN KUMAR JAIN SHRI NIRAJ KUMAR (Alternate)	Y	Y	X
17.	NORTH EASTERN ELECTRIC POWER CORPORATION LTD., SHILLONG	SHRI R. RAJAN, SENIOR MANAGER (GEO)	Y	X	Y
18.	THDC INDIA LTD., RISHIKESH	SHRI ATUL JAIN SHRI AVKESH KUMAR (Alternate)	Y	Y	Y
19.	UTTARAKHAND IRRIGATION DEPARTMENT	SHRI DINESH CHANDRA, CHIEF ENGINEER LEVEL - I SHRI NAVEEN SINGHAL , SUPERINTENDING ENGINEER DESIGN (Alternate)	Y	X	X
20.	WATER RESOURCES DEPARTMENT, GOVT. OF ANDHRA PRADESH	K. SRINIVAS CE(CDO) V. SUDHAKAR REDDY EE(CDO)	X	X	Y
21.	WATER RESOURCES DEPTT., GOVT. OF MADHYA PRADESH	CHIEF ENGINEER (BODHI) SHRI H K SHARMA (Alternate)	X	X	X
22.	WATER RESOURCES DEPARTMENT, PUNJAB	SHRI KULDIP SINGH TAKSHI SHRI JATINDER PAL SINGH (Alternate)	X	X	X
23.	WATER RESOURCES ORGANIZATION, PUBLIC WORKS DEPTT, TAMIL NADU	SHRI ER. S. SRIDHARAN EXECUTIVE ENGINEER. PWD, M. TECH, MBA, MI.E SUPERINTENDING ENGINEER, PWD, DESIGNS CIRCLE, WRD (Alternate)	X	Y	Y
24.	IN PERSONAL CAPACITY, NEW DELHI	DR. A K DHAWAN	Y	Y	Y

**NOMINATIONS AWAITED**

25	UJVN LTD. , DEHRADUN	NOMINATION AWAITED	-	-	-
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**COMPOSITION OF DAMS & SPILLWAYS SECTIONAL COMMITTEE, WRD 09**

**SCOPE:** Standardization of criteria for planning, design, construction, maintenance and related aspects of various types of dams and spillways

Last 3 meetings		20 <sup>th</sup> meeting - 1 July 2022	21 <sup>st</sup> meeting – 23 Feb 2023	22 <sup>nd</sup> meeting – 27 Oct 2023		
S.L NO.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			20 <sup>th</sup>	21 <sup>st</sup>	22 <sup>nd</sup>	
1.	CENTRAL WATER COMMISSION, NEW DELHI	C.E DESIGNS (E&NE) ( <i>Chairperson</i> ) [Presently SH. S. D. SHARMA]	Y	Y	Y	
2.	BHAKRA BEAS MANAGEMENT BOARD, NANGAL TOWNSHIP	SHRI ARUN KUMAR SIDANA CHIEF ENGINEER SHRI J.P. SINGH, DEPUTY CHIEF ENGINEER (Alternate)	Y	Y	Y	
3.	CENTRAL BOARD OF IRRIGATION & POWER, NEW DELHI	SHRI K. K. SINGH, DIRECTOR WR SHRI KAMAL KUMAR, MANAGER WR (ALTERNATE)	X	Y	X	
4.	CENTRAL SOIL & MATERIAL RESEARCH STATION, NEW DELHI	DR. MANISH GUPTA, SCIENTIST E SH. U.S. VIDYARTHI, SCIENTIST E (Alternate)	X	Y	X	
5.	CENTRAL WATER & POWER RESEARCH STATION, PUNE	SHRI M K VERMA, SCIENTIST D MRS. S. R. PATNAIK, SCIENTIST C (Alternate 1) DR P P GADGE, SCIENTIST C (Alternate 2)	Y	Y	Y	
6.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI R SARVANAN, DIRECTOR, CMDD (N&WS) SHRI NARENDRA SINGH SHEKHAWAT, DIRECTOR, HCD (N&W) (Alternate)	Y	Y	Y	
7.	DMR HYDROENGINEERING & INFRASTRUCTURE LTD., FARIDABAD	SHRI S.C. MITTAL, CHAIRMAN AND MANAGING DIRECTOR SHRI VISHAL KUMAR GUPTA, DAM DESIGN ENGINEER (Alternate)	Y	X	Y	
8.	ENERGY INFRATECH PVT. LTD GURUGRAM	SHRI MANOJ KUMAR GUPTA, PRINCIPAL MEMBER SHRI PRAMOD CHAND TIWARI, MANAGER (Alternate)	X	X	Y	
9.	GEOLOGICAL SURVEY OF INDIA, KOLKATA	SHRI BHUPENDER SINGH, DIRECTOR SHRI K. ARAVIND, DIRECTOR (Alternate)	X	Y	Y	
10.	HIMACHAL PRADESH POWER CORPORATION LIMITED, SUNDERNAGAR	SHRI ER. R.K. KAUNDAL, GENERAL MANAGER (DESIGNS) SHRI ER. RAJESH GULERIA, DY. GENERAL MANAGER (Alternate)	X	X	X	
11.	HINDUSTAN CONSTRUCTION COMPANY LTD, MUMBAI	SHRI SURYARAO CHALAMKURI, GENERAL MANAGER - ENGINEERING MANAGEMENT SHRI PRAVEEN H SHETTIGAR, CHIEF TECHNOLOGY OFFICER & HEAD – TENDERING (ALTERNATE)	NR	NR	X	

12.	INDIAN INSTITUTE OF TECHNOLOGY, BANARAS HINDU UNIVERSITY, VARANASI	PROF. PRABHAT KUMAR SINGH DIKSHIT, HEAD OF CIVIL ENGGDR. KESHEO PRASAD, ASSISTANT PROFESSOR (Alternate)	X	X	Y
13.	INDIAN INSTITUTE OF TECHNOLOGY DELHI, DEPARTMENT OF CIVIL ENGINEERING, NEW DELHI	PROF.A.K. KESHARI	Y	Y	Y
14.	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, MUMBAI	PROF. V JOTHIPRAKASH	Y	Y	Y
15.	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	ROF N. K. GOEL, DEPTT. OF WRDM PROF. DEEPAK KHARE, DEPTT. OF HYDROLOGY (Alternate)	Y	Y	Y
16.	IRRIGATION AND WATER RESOURCES DEPTT. GOVT. OF HARYANA	SHRI SANDEEP TANEJA, CHIEF ENGINEER SHRI P K LUTHRASUPERINTENDING ENGINEER, CDO (Alternate)	X	X	Y
17.	IRRIGATION RESEARCH INSTITUTE, ROORKEE	SHRI DINESH CHANDRA, CHIEF ENGINEER LEVEL-1 SHRI NAVEEN SINGHAL, SUPERINTENDING ENGINEER (Alternate)	Y	X	X
18.	KERALA STATE ELECTRICITY BOARD, THIRUVANANTHAPURAM	SMT. ANNI PHILIP, CHIEF ENGINEER DISTRIBUTION SOUTH DEPUTY C.E. (DESIGNS) (Alternate)	X	X	X
19.	NARMADA & WATER RESOURCES, WATER SUPPLY & KALPSAR DEPARTMENT, GANDHINAGAR	SHRI R.M. PATEL, CHIEF ENGINEER & DIRECTOR (I/C) MRS. D. N. PRADHAN, RESEARCH OFFICER, NARMADA HYDRAULICS DIVISION (Alternate)	Y	Y	Y
20.	NATIONAL INSTITUTE OF ROCK MECHANICS, BANGALORE	DR. SRIPAD R NAIK, SCIENTIST-V SHRI B H VIJAY SEKAR, SCIENTIST - E1 (Alternate)	X	Y	Y
21.	NHPC LIMITED, FARIDABAD	SH. R.M.A. KHAN, GENERAL MANAGER (CIVIL) SH. SAKET KUMAR, DEPUTY. GENERAL MANAGER (CIVIL) SHRI ANKUR VISHWAKARMA, MANAGER (CIVIL), (Alternate)	Y	Y	Y
22.	NORTH EASERN ELECTRIC POWER CORP. LTD, GUWAHATI	SHRI S. DHAR, DEPUTY GENERAL MANAGE MR. DIPJYOTI SHARMA, SENIOR MANAGER (Alternate)	Y	Y	Y
23.	NTPC LIMITED, NOIDA	SHRI NAVEEN KUMAR JAIN, ADDITIONAL GENERAL MANAGER (HYDRO ENGG) SHRI PRASHANT NARAYAN GAUR, PROJECT MANAGEMNT. DY. GENERAL MANAGER (Alternate)	X	X	X
24.	SNC LAVALIN ENGINEERING INDIA PVT. LTD, MUMBAI	ARUN MEHTA, PRINCIPAL MEMBER JANARDAN BARUAH, ALTERNATE MEMBER (Alternate)	X	Y	Y
25.	SIGMA INFRAPLAN ENGINEERING PVT. LIMITED, KOLHAPUR	SHRI ASHISH ABHAY DOSHI, DIRECTOR SMT. AMRUTA SUNIL KORE, ASSISTANT ENGINEER (Alternate)	NR	NR	X
26.	THDC INDIA LTD., RISHIKESH	SHRI ATUL JAIN, CGM (D&E-Civil) DR. NEERAJ AGRAWAL, DGM (Alternate)	Y	Y	Y

27.	UTTARAKHAND IRRIGATION DEPARTMENT, DEHRADUN	DINESH CHANDRA, CHIEF ENGINEER & DIRECTOR NAVEEN SINGHAL ,S.E. (DESIGN) (Alternate)	X	X	Y
28.	WATER RESOURCES DEPARTMENT, GOVT.OF ANDHRA PRADESH	CHIEF ENGINEER, CDO SUPERINTENDING ENGINEER (HYDROLOGY & FLOOD CONTROL) (Alternate)	Y	X	X
29.	WATER RESOURCES DEPTT., MADHYA PRADESH	SHRI G P SONI, CHIEF ENGINEER (BODHI) SHRI ANIL SINGH, DIRECTOR DAM SAFETY (Alternate)	X	X	X
30.	WATER RESOURCES DEPARTMENT, GOVT. OF MAHARASHTRA	SUPERINTENDING ENGINEER DAM CIRCLE EXE ENGINEER MASONRY DAM DIVISION-2 (Alternate)	Y	Y	X
31.	DEPARTMENT OF WATER RESOURCES, GOVT. OF PUNJAB	SHRI RAKESH KUMAR SOOD, PRINCIPAL MEMBER DIRECTOR CAD (Alternate)	Y	X	Y
32.	WATER RESOURCES ORGANIZATION, PUBLIC WORKS DEPARTMENT, TAMIL NADU	SHRI P. RAMAN, ENGINEER IN CHIEF SHRI AMELIA BALRAJ, SPECIAL CHIEF ENGINEER, WRD (Alternate)	Y	X	Y
33.	IN PERSONAL CAPACITY	DR. NAYAN SHARMA	Y	Y	Y
34.	IN PERSONAL CAPACITY	SHRI P. B. DEOLALIKAR	X	X	X
35.	IN PERSONAL CAPACITY	SHRI H. L. ARORA	X	X	Y

**NOMINATIONS AWAITED**

36	NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT	NOMINATION AWAITED	NA	NA	NA
37	IIT, KHARAPUR	NOMINATION AWAITED	NA	NA	NA

**COMPOSITION OF RESERVOIRS AND LAKES SECTIONAL COMMITTEE, WRD****10**

**SCOPE:** *Standardization of criteria for planning, design, operation, maintenance and other related aspects of reservoirs/lakes*

Last 3 meetings		22 <sup>nd</sup> meeting - 10 Oct 2022	23 <sup>rd</sup> meeting – 22 Jun 2023	24 <sup>th</sup> meeting – 05 Feb 2024		
SL. No.	NAME OF THE ORGANISATION	REPRESENTED BY	MEETINGS ATTENDED			
			22 <sup>nd</sup>	23 <sup>rd</sup>	24 <sup>th</sup>	
1.	NATIONAL INSTITUTE OF HYDROLOGY, ROORKEE	DIRECTOR (NIH) ( <i>Chairperson</i> ) [Presently DR. M. K. GOEL]	Y	Y	Y	
2.	BHAKRA BEAS MANAGEMENT BOARD, CHANDIGARH	SHRI H. L. KAMBOSH (DY. CHIEF ENGINEER)	Y	Y	X	
3.	CENTRAL WATER AND POWER RESEARCH STATION, PUNE	SHRI P. S. KUNJEER, SCIENTIST D DR. V.M. PRABHAKAR, SC C (Alternate 1) SHRI NISHCHAY MALHOTRA, SCIENTIST-B (Alternate 2)	X	Y	Y	
4.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI MD. FAIZ Director, Hyd. (C) SHRI AMITHABH MEENA, DIRECTOR R O (Alternate)	X	X	Y	
5.	DEPARTMENT OF WATER RESOURCES, ODISHA	CHIEF ENGINEER (D&R) DIRECTOR ( HEAD WORKS) (Alternate)	X	X	X	
6.	DEPARTMENT OF WATER RESOURCES, GOVT. OF PUNJAB	SHRI PAWAN KAPOOR SHRI. K. K. GUPTA CE ( DAM RSDD) (Alternate) SHRI N.K JAIN, CHIEF ENGINEER/DESIGN HYDEL PROJECTS (Alternate)	X	X	X	
7.	DHI GROUP INDIA, NEW DELHI	DR SHRESTH TAYAL, HEAD OF WATER RESOURCES – INTERNATIONAL DEVELOPMENT SHRI MANISH KUMAR, SENIOR MANAGER – MIKE (Alternate-1) MS. JEBA GRACE J, WATER RESOURCE ENGINEER (Alternate-2)	X	X	Y	
8.	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	PROF. V. JYOTHIPRAKASH, CIVIL ENGINEERING	Y	Y	Y	
9.	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE	PROF ARUN KUMAR, HRED PROF. SUMIT SEN, HYDROLOGY (Alternate)	Y	Y	Y	
10.	IRRIGATION RESEARCH INSTITUTE, ROORKEE	SHRI DINESH CHANDRA, CE Level- 1 SHRI SHANKAR KUMAR SAHA SUPERINTENDING ENGINEER (Alternate)	Y	Y	Y	
11.	MAHARASHTRA ENGINEERING RESEARCH INSTITUTE, NASHIK	MR. YASHWANTRAO BHADANE SUPERINTENDING ENGINEER (DAM SAFETY)	X	X	Y	

12.	MINISTRY OF IRRIGATION, SARDAR SAROVAR CONSTRUCTION ADVISORY COMMITTEE, VADODARA, GUJARAT	SHRI K V RATHOD ASSISTANT SECRETARY SHRI N K BHANDARI SECRETARY (Alternate)	X	Y	Y
13.	NARMADA AND WATER RESOURCES, WATER SUPPLY & KALPSAR DEPTT., GUJARAT	SHRI R.M.PATEL, CHIEF ENGINEER & DIRECTOR(I/C) MRS. D. N. PRADHAN, RESEARCH OFFICER, NARMADA HYDRAULICS DIVISION (Alternate)	Y	Y	Y
14.	NATIONAL HYDROELECTRIC POWER CORPORATION, FARIDABAD	MS. MANJUSHA MISHRA, DEPUTY GENERAL MANAGER (CIVIL) SHRI PRAVEEN KUMAR JAIN, DEPUTY GENERAL MANAGER MS. ANKUR SHARMA, DM CIVIL (Alternate)	Y	Y	Y
15.	NATIONAL INSTITUTE OF HYDROLOGY, ROORKEE	DR M K GOEL SCIENTIST 'F' DR S D KHOBRAGADE, SCIENTIST 'F' (Alternate)	Y	Y	Y
16.	NATIONAL REMOTE SENSING CENTRE, HYDERABAD	DR V VENKATESHWAR RAO SHRI ABDUL HAKEEM Head (Alternate)	Y	Y	X
17.	NTPC LIMITED, NOIDA	SHRI. RAKESH SHARMA MANAGER (DESIGN) , HYDROPOWER DR. A. K. SINGH (Alternate)	X	X	X
18.	NATIONAL WATER ACADEMY, PUNE	SHRI ASHOK KUMAR KHARYA, CHIEF ENGINEER SHRI S N PANDE, DIRECTOR (Alternate)	X	Y	X
19.	NATIONAL WATER DEVELOPMENT AGENCY, NEW DELHI	SHRI R K JAIN CHIEF ENGINEER HQ SHRI S.C. AWASTHI SUPERINTENDING ENGINEER-III (Alternate)	X	X	X
20.	SARDAR SAROVAR NARMADA NIGAM LIMITED, GANDHINAGAR	SHRI C. V. NADPARA DIRECTOR (CANALS) SHRI R. G. KANOONGO	X	X	Y
21.	SJVN LIMITED	SHRI VINAY GULERIA, MANAGER SUDHA DEVI, MANAGER (Alternate)	X	Y	Y
22.	THDC INDIA LIMITED, RISHIKESH	SHRI VIRENDRA SINGH AGM (OMS-HM & EM) SHRI. ATUL KUMAR SINGH DGM (OMS-CIVIL) (Alternate)	X	Y	Y
23.	UVCE BANGALORE UNIVERSITY	PROF. INAYATHULLA M, CIVIL ENGINEERING	Y	Y	Y
24.	WATER AND POWER CONSULTANCY SERVICES LIMITED	DR. A K SHARMA CHIEF (Project) Director SHRI A STEPHEN LEO GENERAL MANAGER (Alternate)	Y	Y	X
25.	WATER RESOURCES DEPARTMENT, M.P., BHOPAL	SHRI B.C. PURANDARE CHIEF ENGINEER SHRI S R UIKEY (Alternate)	X	X	X
26.	WATER RESOURCES DEPARTMENT, GOVT. OF MAHARASHTRA	SHRI. RAJESH M. MORE SE (DAM) SHRI A. P. KOHIKAR DG (DTHRS) (Alternate)	X	Y	X



27.	WETLANDS INTERNATIONAL SOUTH ASIA	DR. RITESH KUMAR DIRECTOR MR. HARSH GANAPATHI TECHNICAL OFFICER – WATER MANAGEMENT (Alternate)	Y	X	X
28.	IN PERSONAL CAPACITY	DR. RAMANATHAN PROFESSOR	X	X	Y
29.	IN PERSONAL CAPACITY	PROF. M L KANSAL, IIT ROORKEE	X	X	X
30.	IN PERSONAL CAPACITY	DR. JAGANNATHA V	Y	Y	Y

**NOMINATIONS AWAITED**

31	WATER RESOURCES DEPARTMENT, GOVT OF ANDHRA PRADESH	FRESH NOMINATION AWAITED	X	X	X
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**COMPOSITION OF HYDRAULIC GATES & VALVES SECTIONAL COMMITTEE, WRD 12**

**Scope :** Standardization of criteria for selection, design, construction, maintenance, operation and testing of gates and valves.

Last 3 meetings		22 <sup>nd</sup> meeting - 03 Feb 2023	23 <sup>rd</sup> meeting – 11 Aug 2023	24 <sup>th</sup> meeting – 03 Apr 2024		
S.L No.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			22 <sup>nd</sup>	23 <sup>rd</sup>	24 <sup>th</sup>	
1.	NATIONAL HYDROELECTRIC POWER CORPORATION LTD, FARIDABAD	GENERAL MANAGER (MECH.) ( <i>Chairperson</i> ) [Presently: SHRI M. K. SINGH]	Y	Y	Y	
2.	BHAKRA BEAS MANAGEMENT BOARD, PUNJAB	SHRI RETIRED EXE. ENGINEER, MECH. DIVISION (Alternate)	Y	Y	Y	
3.	BHARAT HEAVY ELECTRICALS LTD., BHOPAL	SHRI HARISH KUMAR, SENIOR MANAGER (DESIGN) MOHD. WALIULLAH, MANAGER (DESIGN) (Alternate)	Y	Y	Y	
4.	CENTRAL ELECTRICITY AUTHORITY, NEW DELHI	SHRI REETESH TIWARI, DEPUTY DIRECTOR SHRI SHYAM SINGAL, ASSISTANT DIRECTOR (Alternate)	X	Y	Y	
5.	CENTRAL WATER & POWER RESEARCH STATION, PUNE	DR. K.C. SAHU, SCIENTIST C SHRI A.P MESHARAM, SCIENTIST-B (Alternate)	Y	Y	X	
6.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI AMIT RANJAN, DIRECTOR, GATES (E&NE) SHRI RAHUL KUMAR SINGH, DEPUTY DIRECTOR (GATES, E&NE), (Alternate)	Y	Y	Y	
7.	M/S GMW PRIVATE LIMITED	SHRI ONKAR SINGH PANESAR SHRI ARVINDERPAL SINGH PANESAR, DIRECTOR (Alternate)	NR	NR	NR	
8.	HIMACHAL PRADESH POWER CORPORATION LTD., DISTT.MANDI	SHRI ER. R. K. KAUNDAL, GENERAL MANAGER (DESIGNS) ER. RAJENDRA SINGH, ADDITIONAL GENERAL MANAGER (Alternate)	Y	X	X	
9.	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	DR. K S HARI PRASAD, CED (Alternate)	Y	Y	X	
10.	IRRIGATION RESEARCH INSTITUTE, ROORKEE	CHIEF ENGINEER (DESIGN) SHRI NAVEEN SINGHAL SUPERINTENDING ENGINEER (Alternate) SHRI SHARAD KUMAR ASSISTANT ENGINEER (Alternate)	X	X	X	
11.	JAYPEE INFRA VENTURES, NOIDA	SHRI V K GUPTA	Y	Y	Y	
12.	NATIONAL HYDROELECTRIC POWER CORPORATION LTD, FARIDABAD	SH. RAJESH KUMAR DEPUTY GENERAL MANAGER (CIVIL) SH. BABOO LAL TYAGI, DEPUTY GENERAL MANAGER (CIVIL),3 SHRI	Y	Y	Y	

		PUNIT MASIWAL, DEPUTY MANAGER (MECH.), (Alternate)			
13.	NTPC LIMITED, NOIDA	SHRI NAVEEN CHANDRA PANT SH. SUJEET KUMAR (Alternate)	Y	Y	Y
14.	PRECISION INFRATECH LTD, AHMEDABAD	SHRI NALIN VIBHAKAR SHRI DHEERAJ VANIA (Alternate)	Y	Y	Y
15.	P.E.S. ENGINEERS (P) LTD, HYDERABAD	SHRI SVSS RAJU DR. V SURYA ANANTAPANTULA (Alternate)	Y	Y	Y
16.	R.M. SINHA & CO., KOLKATA	SHRI SANJIT KUMAR SINHA SHRI RUDRAJIT SINHA (Alternate)	Y	Y	Y
17.	SATLUJ JAL VIDYUT NIGAM LIMITED, SHIMLA	SHRI ANISH KUMAR SHARMA	Y	Y	Y
18.	TEXMACO LTD, KOLKATA	DR. MUKULESH DEBNATH , VICE PRESIDENT (STRUCTURAL) SHRI CHANDAN RANJAN GOSWAMI, DGM (DESIGN) HME (Alternate)	Y	Y	Y
19.	WATER RESOURCES DEPARTMENT, MAHARASHTRA	SHRI PATIL PRAKASH R, SUPERINTENDING ENGINEER (GATES CIRCLE) EXECUTIVE ENGINEER (G.O.-4) (Alternate)	Y	X	Y
20.	DEPARTMENT OF WATER RESOURCES, GOVT. OF ODISHA	SHRI DEBI PRASAD PATTNAIK , GM (MECH), ERECTION & MAINTENANCE SHRI MANOJ KUMAR SHARMA (Alternate)	X	Y	X
21.	IN PERSONAL CAPACITY, BHUBANESHWAR	SHRI ABHAY PRASAD PATTANAIAK	Y	Y	Y
22.	IN PERSONAL CAPACITY, HYDERABAD	SHRI N KANNAIAH NAIDU	Y	Y	Y
23.	IN PERSONAL CAPACITY, SOLAN	PROF. GOPAL CHAUHAN	Y	X	Y

**COMPOSITION OF CANALS & CROSS DRAINAGE WORKS SECTIONAL COMMITTEE,  
WRD 13**

**SCOPE:** Standardization of criteria for planning, location, design, construction, inspection, maintenance and other related aspects for canals and cross drainage works

Last 3 meetings		21 <sup>st</sup> meeting – 19 Feb 2021	22 <sup>nd</sup> meeting - 21 Jan 2022	23 <sup>rd</sup> meeting – 21 Nov 2023		
S. No.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			21 <sup>th</sup>	22 <sup>nd</sup>	23 <sup>rd</sup>	
1.	CENTRAL WATER COMMISSION, NEW DELHI	CHIEF ENGINEER DESIGN (N&W) ( <i>Chairperson</i> ) [Presently: SHRI VIVEK TRIPATHI]	Y	Y	Y	
2.	BRAHMAPUTRA BOARD, GUWAHATI	SHRI GAYA PRASAD SINGH SHRI SHYAMAL KR. DEKA (Alternate)	X	X	X	
3.	BHAKRA BEAS MANAGEMENT BOARD, PUNJAB	DIRECTOR DESIGN SUPT. ENGR (Alternate)	X	Y	Y	
4.	CENTRAL BOARD OF IRRIGATION & POWER, NEW DELHI	SHRI K. K. SINGH, DIRECTOR WR SHRI KAMAL KUMAR, MANAGER WR (Alternate)	X	Y	X	
5.	CENTRAL SOIL AND MATERIALS RESEARCH STATION, NEW DELHI	SHRI U. S. VIDYARTHI, SCIENTIST E SHRI SHAHID NOOR SCIENTIST D (Alternate)	X	Y	Y	
6.	CENTRAL WATER & POWER RESEARCH STATION, PUNE	SHRI B. SURESH KUMAR, Scientist D DR. SREEKANTH SAMPATH, Scientist- C (Alternate) SHRI ARUN KUMAR, Scientist C (Alternate)	X	Y	Y	
7.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI SK SHUKLA, DIRECTOR, BCD (N&W) SHRI SK SHARMA, DIRECTOR, BCD (E&NE) (Alternate)	Y	Y	Y	
8.	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	PROF. MANOJ KUMAR JAIN, HYDROLOGY PROF. S.K. SINGAL, HRED (Alternate)	Y	Y	Y	
9.	INDIAN INSTITUTE OF TECHNOLOGY, DELHI	PROF. S.CHAKMA	X	X	X	
10.	IRRIGATION AND WATER RESOURCES DEPARTMENT, HARYANA	SHRI SANDEEP TANEJA SHRI PRADEEP YADAV(Alternate)	X	Y	Y	
11.	IRRIGATION & WATER RESOURCES DEPTT, MINISTRY OF JAL SHAKTI, UTTAR PRADESH	SHRI RAKESH KUMAR GUPTA, C.E. PLANNING SHRI UPENDRA NATH KUMAR(Alternate)	Y	X	X	
12.	IRRIGATION DEPARTMENT, GOVT. OF KERALA	SHRI ALEX VARGHESE, CHIEF ENGINEER IRRIGATION SHRI MANJU BALAKRISHNA (Alternate)	X	Y	X	

13.	IRRIGATION RESEARCH INSTITUTE, ROORKEE	SHRI DINESH CHANDRA, CHIEF ENGINEER LEVEL - 1 SHRI NAVEEN SINGHAL, S.E., RESEARCH (Alternate)	Y	Y	Y
14.	HCC LTD. MUMBAI	SHRI PRAVEEN H SHETTIGAR   CHIEF TECHNOLOGY OFFICER & HEAD SHRI SHARAD GOEL, DGM (Alternate) SHRI NACHIKET PETHKAR   DEPUTY GENERAL MANAGER (Alternate)	NR	NR	X
15.	NARMADA & WATER RESOURCES, WATER SUPPLY & KALPSAR DEPARTMENT, GANDHINAGAR	SHRI R. M. PATEL, CHIEF ENGINEER AND DIRECTOR SHRI N. R. MAKWANA, JOINT DIRECTOR (IRRIGATION) (Alternate)	Y	X	Y
16.	NHPC LTD., FARIDABAD	SHRI SHRISH DUBEY, GM (CIVIL) SHRI PRSHANTH JAISWAL, DGM (CIVIL), SHRI DEEPAK VERMA, DM (CIVL), (Alternate)	Y	X	Y
17.	SARDAR SAROVAR NARMADA NIGAM LTD., GUJARAT	DIRECTOR(CANALS)C HIEF ENGINEER (DESIGN) (Alternate)	Y	Y	X
18.	WAPCOS LIMITED, GURGAON	SHRI SHAMBHU AZAD SHRI A.K. GEHLOT (Alternate)	X	X	X
19.	WATER RESOURCES DEPARTMENT, GOVT. OF ANDHRA PRADESH	SHRI A. SURI BABU SUPTDG ENGINEER(CANAL) (Alternate)	X	X	X
20.	WATER RESOURCES DEPARTMENT GOVT.OF BIHAR	SUPERINTENDING ENGINEER (GATES)	Y	Y	X
21.	WATER RESOURCES DEPARTMENT, CHHATTISGARH	SHRI R.K. NAGARIA SHRI U.R. RATHOR ASSISTANT ENGINEER (Alternate)	X	Y	X
22.	WATER RESOURCES DEPARTMENT, MADHYA PRADESH	SHRI V.K. WASHIK SHRI BHAGWATI PRASAD GUPTA	X	X	X
23.	WATER RESOURCES DEPARTMENT, GOVT. OF MAHARASHTRA	SHRI RAJENDRA PAWAR SHRI M.M. PARATE SUPERINTENDING ENGINEER (Alternate)	X	X	X
24.	WATER RESOURCES DEPARTMENT, GOVT. OF PUNJAB	SHRI GURDEEP SINGH, DIRECTOR (CANALS) SHRI MANDEEP SINGH, EXECUTIVE ENGINEER CD (Alternate)	Y	Y	Y
25.	WATER RESOURCES DEPARTMENT, GOVT.OF RAJASTHAN	CHIEF ENGINEER(ID&R) DIRECTOR (CANALSID&R) (Alternate)	X	X	Y
26.	WATER RESOURCES ORGANIZATION, PUBLIC WORKS DEPTT TAMIL NADU	SUPTDG ENG DESIGN WRD SUPERINTENDING ENGINEER (CANALS) (Alternate)	Y	Y	X
27.	IN PERSONAL CAPACITY	PROF. S K MAZUMDAR	Y	Y	Y
28.	IN PERSONAL CAPACITY	SHRI Y.C. AGRAWAL	Y	X	Y

## NOMINATIONS AWAITED

29	WATER RESOURCES DEPARTMENT, KARNATAKA	NOMINATION AWAITED*	X	Y	X
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**COMPOSITION OF WATER CONDUCTOR SYSTEMS SECTIONAL COMMITTEE,  
WRD 14**

**Scope:** Standardization of criteria for planning, design, construction, maintenance and related aspects of all components of water conductor systems

Last 3 meetings		21 <sup>st</sup> meeting - 27 Mar 2023	22 <sup>nd</sup> meeting – 11 Dec 2023			
SL. NO.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			21 <sup>st</sup>	22 <sup>nd</sup>	23 <sup>rd</sup>	
1.	CENTRAL WATER COMMISSION, NEW DELHI	CHIEF ENGINEER DESIGNS (NW&S) ( <i>Chairperson</i> ) [Presently: SHRI VIJAI SARAN]	Y	Y	Y	
2.	BHAKRA BEAS MANAGEMENT BOARD, NANGAL TOWNSHIP	SHRI G. S. NARWAL DIRECTOR (WATER REGULATION) (Alternate)	X	X	Y	
3.	CENTRAL ELECTRICITY AUTHORITY, NEW DELHI	SHRI MUKESH KUMAR, DEPUTY DIRECTOR SHRI REETESH TIWARI, DEPUTY DIRECTOR	NR	NR	Y	
4.	CENTRAL SOIL & MATERIALS RESEARCH STATION, NEW DELHI	SHRI HARI DEV, SCIENTIST E SH. M. RAJA, SCIENTIST D (Alternate)	X	X	Y	
5.	CENTRAL WATER & POWER RESEARCH STATION, PUNE	SHRI M. K. VERMA, SCIENTIST D MS. SUSHMA JITESH VYAS, SCIENTIST C SHRI M. Z. QAMAR, Scientist C	Y	Y	Y	
6.	CENTRAL WATER COMMISSION, NEW DELHI	MS. K REKHA RANI, DIRECTOR, HCD (E&NE) SHRI NARENDRA SINGH SHEKHAWAT, DIRECTOR, HCD (N&W) (Alternate)	Y	Y	Y	
7.	CENTRAL INSTITUTE OF MINING & FUEL RESEARCH, ROORKEE	DR. MORE RAMULU DR. ABHAY KUMAR SINGH (Alternate)	Y	Y	X	
8.	DELHI TECHNOLOGICAL UNIVERSITY, DELHI	PROF. S K SINGH DR. ANIL KUMAR HARITASH (Alternate)	X	X	X	
9.	GEOLOGICAL SURVEY OF INDIA, New Delhi	SHRI D. P. DONGWAL, DIRECTOR DR. AJAY KUMAR, DIRECTOR (Alternate)	X	Y	Y	
10.	NARMADA & WATER RESOURCES, WATER SUPPLY & KALPSAR DEPARTMENT, GANDHINAGAR	SHRI N. R. MAKWANA, JOINT DIRECTOR (IRRIGATION) SHRI V.R.RATHWA, RESEARCH OFFICER (I/C) (Alternate)	Y	X	X	
11.	H.C.C. LTD, MUMBAI	SHRI SURYARAO CHALAMKURI, GENERAL MANAGER - ENGINEERING MANAGEMENT SHRI PRAVEEN H SHETTIGAR, CHIEF TECHNOLOGY OFFICER & HEAD – TENDERING (Alternate)	X	X	X	
12.	HIMACHAL PRADESH POWER CORPORATION LIMITED, SUNDERNAGAR	SHRI ER. R. K. KAUNDAL, GENERAL MANAGER (DESIGNS) SHRI SANJAY KUMAR RANA DY GM (Alternate)	X	Y	Y	

13.	INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR	PROF. SUJATA BISWAS, ASSOCIATE PROFESSOR	X	Y	X
14.	INDIAN INSTITUTE OF TECHNOLOGY, JODHPUR	PROF P. K. TEWARI	X	Y	Y
15.	INDIAN INSTITUTE OF TECHNOLOGY, KANPUR	PROF. ABHAY KARANDIKAR PROF. ASHU JAIN (Alternate)	X	X	X
16.	INDIAN INSTITUTE OF TECHNOLOGY, MANDI	DR. DEEPAK SWAMI D. P. SHUKLA, ASSISTANT PROFESSOR (Alternate)	X	Y	Y
17.	INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR	DR. MANISH PANDEY, ASSISTANT PROFESSOR	NR	NR	Y
18.	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	PROF. JANGA REDDY PROF. T. I. ELDHO	NR	NR	Y
19.	INDIAN INSTITUTE OF TECHNOLOGY, BHU	DR. K K PANDEY, ASSOCIATE PROFESSOR DR. PRAMOD SONI, ASSISTANT PROFESSOR (Alternate)	NR	NR	Y
20.	INDIAN INSTITUTE OF TECHNOLOGY, GUWAHATI	SHRI SUBHASHISA DUTTA, PROFESSOR SHRI MIHIR KUMAR PURKAIT, PROFESSOR (Alternate)	NR	NR	Y
21.	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	PROF. ZULFEQUAR AHMAD, CED PROF. MK SINGHAL, HRED (Alternate)	Y	Y	X
22.	IRRIGATION RESEARCH INSTITUTE, ROORKEE	SHRI DINESH CHANDRA, C.E. SHRI NAVEEN SINGHAL, SUPERINTENDING ENGINEER (Alternate)	X	Y	X
23.	LARSEN & TOURBO LIMITED FARIDABAD	SHRI SATYAJEET SINHA, ENGINEERING MANAGER (CIVIL)	Y	Y	X
24.	NATIONAL HYDROELECTRIC POWER CORPORATION LTD, FARIDABAD	SHRI SANKHADIP CHOWDHURY, GM (CIVIL) SH. ARUNESH BIHARI DWIVEDI, DGM (CIVIL), MS. SHASHI PRASAD, DM (CIVIL), (Alternate)	Y	Y	Y
25.	NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED, SHILLONG	SHRI B. KALITA, DEPUTY GENERAL MANAGER	X	Y	Y
26.	NTPC, NOIDA	SHRI NAVEEN KUMAR JAIN SHRI NIRAJ KUMAR (Alternate)	X	X	X
27.	PES ENGINEERS PVT. LIMITED	SHRI S.V.S.S. RAJU, VP (DESIGNS) DR. V. SURYA ANANTPANTULA, GM (DESIGNS) (Alternate)	Y	Y	Y
28.	SJVN LTD., NEW SHIMLA	SHRI RAKESH SEHGAL SHRI REVATI RAMAN (Alternate)	Y	Y	X
29.	SNC LAVALIN, NEW DELHI	SHRI ARUN MEHTA PRACTICE MANAGER, WATERPOWER & DAMS SHRI JAIGANESH SATHYAMURTHY, ASSOCIATE PRINCIPAL ENGINEER (Alternate)	Y	Y	X
30.	THDC INDIA LTD, RISHIKESH	SHRI ATUL JAIN SHRI ASHISH KUMAR (Alternate-1)	Y	Y	X



		SHRI MAYANK KUMAR (Alternate-2)			
31.	WATER RESOURCES DEPARTMENT (BODHI) MADHYA PRADESH	SHRI G. P. SONI SHRI DEEPAK SATPUTE (Alternate)	X	X	X
32.	WATER RESOURCES DEPARTMENT, MAHARASHTRA	SUPERINTENDING ENGINEER, LIFT IRRIGATION SCHEME CIRCLE EXECUTIVE ENGINEER, LIFT IRRIGATION SCHEME DIVISION-1 (Alternate)	X	X	X
33.	IN PERSONAL CAPACITY	DR. NAYAN SHARMA	Y	Y	Y
34.	IN PERSONAL CAPACITY	PROF. GOPAL DAS SINGHAL	X	Y	Y

## COMPOSITION OF HYDROELECTRIC POWER HOUSE STRUCTURES SECTIONAL COMMITTEE, WRD 15

**Scope:** Standardization of criteria for location, design, construction and maintenance of power house structures, including pumped storage

Last 3 meetings		17 <sup>th</sup> meeting – 29 Aug 2019	18 <sup>th</sup> meeting – 7 Dec 2022	19 <sup>th</sup> meeting – 22 Dec 2023		
S. NO.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			17 <sup>th</sup>	18 <sup>th</sup>	19 <sup>th</sup>	
1.	CENTRAL WATER COMMISSION, NEW DELHI	CHIEF ENGINEER DESIGNS (N&W) ( <i>Chairperson</i> ) [PRESENTLY SHRI VIVEK TRIPATHI]	Y	Y	Y	
2.	BHAKRA BEAS MANAGEMENT BOARD, CHANDIGARH	SHRI CHARANPREET SINGH, CHIEF ENGINEER (BHAKRA DAM) SHRI H.S.MANOCHA, DIRECTOR/P&D(PPS) (Alternate)	X	Y	Y	
3.	BHARAT HEAVY ELECTRICALS LTD., BHOPAL	SHRI ANSHUMAN DIXIT, AGM (HYDRO GENERATOR) SHRI SAURABH SHARMA, SR. MANAGER (HYDRO TURBINE) (Alternate)	NR	X	Y	
4.	CENTRAL ELECTRICITY AUTHORITY, NEW DELHI	SHRI REETESH TIWARI SHRI SHYAM SINGAL (Alternate)	Y	Y	Y	
5.	CENTRAL POWER RESEARCH INSTITUTE, BENGALURU	MR. SURYANARAYANA K, ENGINEERING OFFICER GR.4 & OFFICER-IN-CHARGE (CED)	NR	NR	X	
6.	CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH, ROORKEE	Dr. J. K. MOHNOT, CHIEF SCIENTIST & SCIENTIST-IN-CHARGE Dr. R. D. DWIVEDI, PRINCIPAL SCIENTIST (Alternate 1) Dr. ASHOK KUMAR SINGH, SCIENTIST (Alternate 2)	Y	Y	Y	
7.	CENTRAL SOIL & MATERIAL RESEARCH STATION, NEW DELHI	SHRI MAHAVIR DIXIT, SCIENTIST E SHRI U. S. VIDYARTHI, SCIENTIST E	Y	Y	Y	
8.	CENTRAL WATER & POWER RESEARCH STATION, PUNE	SHRI RIZWAN ALI, SCIENTIST E SHRI M S HANUMANTHAPPA, SCIENTIST D (Alternate)	Y	Y	Y	
9.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI NARENDRA SINGH SHEKHAWAT, Director, HCD (N&W) SMT. K. REKHA RANI DIRECTOR, HCD (E&NE) (Alternate)	Y	Y	Y	
10.	GEOLOGICAL SURVEY OF INDIA, KOLKATA	DR TIMIR BARAN GHOSAL, DIRECTOR, EDG SHRI A.P. THAPLIYAL DIRECTOR (Alternate)	Y	Y	X	
11.	GE POWER INDIA LTD, NOIDA	SHRI DURGESH SHAH , PRINCIPLE ENGINEER MECH.	Y	X	X	
12.	DMR HYDROENGINEERING AND INFRASTRUCTURES LIMITED, FARIDABAD	SHRI N.K. JAIN SENIOR VICE PRESIDENT & HEAD CIVIL SHRI DIBYAJYOTI SINHA LEAD MANAGER – CIVIL (Alternate)	NR	NR	Y	

13.	HCC LIMITED, MUMBAI	SHRI SURYARAO CHALAMKURI, GENERAL MANAGER - ENGINEERING MANAGEMENT SHRI PRAVEEN H SHETTIGAR, CHIEF TECHNOLOGY OFFICER & HEAD – TENDERING (Alternate)	NR	NR	X
14.	HIMACHAL PRADESH POWER CORPORATION LIMITED, SUNDERNAGAR	SHRI ER. R. K. KAUNDAL, GENERAL MANAGER (DESIGNS) SHRI ER. SANJAY RANA, ADDITIONAL GENERAL MANAGER (Alternate)	Y	Y	X
15.	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	DR. M K SINGHAL, HRED DR. THANGA RAJ CHELLIAH, WRDM (Alternate)	Y	Y	Y
16.	IRRIGATION RESEARCH INSTITUTE, ROORKEE	SHRI DINESH CHANDRA, C.E. LEVEL -1 SHRI NAVEEN SINGHAL SUPERINTENDING ENGINEER, RESEARCH CIRCLE (Alternate)	X	X	X
17.	JAYPEE INFRA VENTURES PVT. LTD, NOIDA	SHRI VATSAL CHOPRA, ADVISOR SHRI RAJNISH YADAV, ADDL. CHIEF ENGINEER (Alternate)	Y	Y	Y
18.	NATIONAL HYDROELECTRIC POWER CORPORATION LTD., FARIDABAD	SHRI DEEPAK KUMAR, DGM (CIVIL), SHRI RAJEEV KUMAR, SENIOR MANAGER (CIVIL) (Alternate 1) SHRI ASHISH RAO, MANAGER (CIVIL), (Alternate 2)	X	Y	Y
19.	NTPC LIMITED, NOIDA	SHRI NAVEEN KUMAR JAIN, ADDITIONAL GENERAL MANAGER (HYDRO ENGG) SHRI AMAR SINGH, SR. MANAGER (HYDRO ENGG – CIVIL) (Alternate)	Y	Y	X
20.	SJVN LIMITED, SHIMLA	SHRI SANJEEV GUPTA, CGM (CIVIL DESIGN) SHRI MANISH CHAUHAN (Alternate)	X	Y	Y
21.	S K SYSTEMS PRIVATE LIMITED, NEW DELHI	SHRI AJAY BHARGAVA SHRI VIPUL GUPTA (Alternate)	Y	Y	X
22.	TATA POWER COMPANY LTD. MUMBAI	SHRI BASAVRAJ MUNNOLI, LEAD ENGINEERS - HEAD WORKS (HYDRO)	NR	X	X
23.	THDC INDIA LIMITED., RISHIKESH	SHRI ATUL JAIN SHRI MAYANK KUMAR JAIN AGM (D&E-Civil) (Alternate-1) SHRI ASHISH KUMAR DY. MANAGER (DESIGN CIVIL) (Alternate-2)	X	X	X
24.	UJVN LTD. , DEHRADUN	SHRI I M S KARASI, DGM (VYASI) SHRI DHARMNDRA KUMAR, DGM (I&P & KAISHUA) (Alternate)	X	Y	Y
25.	VOITH HYDRO PRIVATE LIMITED, NOIDA	SHRI DILIP PATTANAYAK ASS. VICE PRESIDENT ENGINEERING	NR	X	X
26.	WAPCOS LTD, GURGAON (I)	SHRI AMITABH TRIPATHI, SR. EXECUTIVE DIRECTOR (D&RE) SMT. P SUMANA, SR. GENERAL MANAGER (Alternate)	X	Y	X

**NOMINATIONS AWAITED**

27.	WATER RESOURCES DEPARTMENT, PUNJAB	NOMINATION AWAITED	NA	NA	NA
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## COMPOSITION OF HYDRAULIC STRUCTURES INSTRUMENTATION SECTIONAL COMMITTEE, WRD 16

**Scope:** Standardization of criteria for selection, installation, usage and maintenance of instruments used for the measurement of displacement, strain, stress, temperature etc. in hydraulic structures

Last 3 meetings		24 <sup>th</sup> meeting - 10 Nov 2022	25 <sup>th</sup> meeting – 21 Jul 2023	26 <sup>th</sup> meeting – 08 Apr 2024		
SL. NO.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			24 <sup>th</sup>	25 <sup>th</sup>	26 <sup>th</sup>	
1.	CENTRAL SOIL & MATERIALS RESEARCH STATION, NEW DELHI	DIRECTOR CSMRS ( <i>Chairperson</i> ) [Presently DR. R. CHITRA]	Y	Y	Y	
2.	AIMIL LTD, NEW DELHI	SHRI A. K. NANDA SHRI HEMAN MANCHANDA, DEPUTY GENERAL MANAGER (Alternate)	Y	Y	Y	
3.	BHAKRA BEAS MANAGEMENT BOARD, NANGAL TOWNSHIP	SHRI A. K. AGARWAL SHRI S. K. BEDI DIRECTOR DESIGN (Alternate)	Y	Y	Y	
4.	CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH	SHRI ABHAY KUMAR SINGH Ms. PALLAVI DAS (Alternate)	Y	Y	Y	
5.	CENTRAL SOIL & MATERIALS RESEARCH STATION, NEW DELHI	Shri Hari Dev, SCIENTIST E SHRI R S SEHRA, SCIENTIST C (Alternate)	Y	Y	Y	
6.	CENTRAL WATER & POWER RESEARCH STATION, PUNE	SHRI M S HANUMANTHAPPA, SCIENTIST D SHRI SACHIN KHUPAT, SCIENTIST C (Alternate-1) SHRI M. S. BIST, SCIENTIST D (Alternate-2)	Y	Y	Y	
7.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI ASHISH KUMAR, DIRECTOR (INSTRUMENTATION) SHRI SOMESH KUMAR, DIRECTOR, EMB. (N&W) (Alternate)	Y	Y	Y	
8.	CRRI, NEW DELHI	SHRI G K SAHU, SR PRINCIPAL SCIENTIST	X	X	X	
9.	CSIR - STRUCTURAL ENGINEERING RESEARCH CENTRE [SERC], CHENNAI.	DR. S. PARIVALLAL, CHIEF SCIENTIST	X	X	X	
10.	CSIR-CENTRAL SCIENTIFIC INSTRUMENTS ORGANISATION CHENNAI	DR. G.S. AYYAPPAN, SR. PRINCIPAL SCIENTIST	NR	NR	NR	
11.	DMR HYDROENGINEERING AND INFRASTRUCTURES LIMITED, FARIDABAD	SHRI S. L. KAPIL, SENIOR VICE PRESIDENT SHRI SUBRATA LAHA, SENIOR ENGINEER – GEOLOGY (Alternate)	NR	NR	NR	
12.	DAMODAR VALLEY CORPORATION, JHARKHAND	SHRI PRABHAT KIRAN SUPTDG. ENGINEER (CIVIL)	X	X	X	
13.	ENCARDIO-RITE ELECTRONICS PVT LTD, LUCKNOW	SHRI PRATEEK MEHROTRA, VICE PRESIDENT TECHNICAL	X	X	X	

14.	HCC Limited, Mumbai	SHRI SURYARAO CHALAMKURI, GENERAL MANAGER - ENGINEERING MANAGEMENT SHRI PRAVEEN H SHETTIGAR, CHIEF TECHNOLOGY OFFICER & HEAD – TENDERING (Alternate)	NR	NR	NR
15.	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, MUMBAI	PROF. ELDHO T.I, PROFESSOR (HAG)	NR	NR	NR
16.	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	PROF RHYTHM SINGH, HRED PROF. DEEPAK RONANKI, HRED (Alternate)	X	X	X
17.	IRRIGATION RESEARCH INSTITUTE, ROORKEE	SHRI DINESH CHANDRA, C.E. SHRI NAVEEN SINGHAL, SUPERINTENDING ENGINEER (Alternate)	X	X	X
18.	KERALA STATE ELECTRICITY BOARD, KERALA	SHRI BIBIN JOSEPH SHRI MANIKANDAN A K (Alternate)	X	X	Y
19.	NARMADA AND WATER RESOURCES, WATER SUPPLY AND KALPSAR DEPTT., GOVT. OF GUJARAT	SHRI R. M. PATEL, CHIEF ENGINEER AND DIRECTOR SHRI R. S. VASAVA, RESEARCH OFFICER, SOIL MECHANICS DIVISION	Y	Y	X
20.	NARMADA HYDROELECTRIC DEVELOPMENT CORPORATION LTD., BHOPAL	SHRI SHASHANK SHUKLA GM (CIVIL) Alternate: (Name) DGM (Civil)	X	Y	X
21.	NATIONAL HYDROELECTRIC POWER CORPORATION LTD, FARIDABAD	SHRI RAKESH KUMAR DUBEY, GM (CIVIL) SHRI THOTA VENUGOPAL, SENIOR MANAGER CIVIL (Alternate) MS SUCHISMITA DAS, DY. MANAGER (CIVIL), (Alternate)	Y	X	Y
22.	NTPC LIMITED, NOIDA	SHRI R C SENAN AGM SHRI MADHUKAR AGARWAL ADDL. GENERAL MANAGE (Alternate)	X	X	X
23.	PROGRESSIVE MACHINE TOOLS, JAUNPUR	SHRI A K DRON,	Y	Y	Y
24.	SATLUJ JAL VIDYUT NIGAM LTD., NEW SHIMLA	SHRI BRIJESH KUMAR GUPTA NOMINATION AWAITED (Alternate)	Y	X	X
25.	SURVEY OF INDIA, DEHRADUN	SHRI SHYAM VEER SINGH SHRI NEERAJ GURJAR DEPUTY DIRECTOR (Alternate)	X	X	X
26.	TANGEDCO, CHENNAI	ER. C RAMESH ER. V SANTHANA KRISHNAN (Alternate) ER. S SIVAKUMAR (Alternate)	Y	Y	X
27.	THDC INDIA LTD., RISHIKESH	SHRI ATUL JAIN SHRI VIBHASH PATHANIA (Alternate) SHRI T. S. RAUTELA (Alternate)	Y	X	X
28.	UJVN LTD., DEHRADUN	SHRI VYAS DEV AJMANI, EXECUTIVE DIRECTOR CIVIL SHRI AJAY PATEL GENERAL MANAGER CIVIL (Alternate)	X	X	X
29.	WATER RESOURCES DEPARTMENT, GOVT. OF ANDHRA PRADESH	SHRI K SRINIVAS , CE SHRI A. SURIBABU, SUPERINTENDING ENGINEER (Alternate)	X	X	Y

30.	WATER RESOURCES DEPARTMENT, GOVT. OF MAHARASHTRA	SUPERINTENDING ENGINEER DAM CIRCLE EXECUTIVE ENGINEER MASONRY DAM DIVISION-2 (Alternate)	Y	X	X
31.	WATER RESOURCES DEPARTMENT, GOVT. OF PUNJAB	DR. K.K. GUPTA SHRI D.S. SALIJA (Alternate)	Y	X	X
32.	WATER RESOURCES ORGANIZATION, PUBLIC WORKS DEPTT., TAMIL NADU	SUPTED ENGINEER DESIGN WRO SHRI R SRIDHARAN (Alternate)	Y	Y	Y
33.	IN PERSONAL CAPACITY, NEW DELHI	DR. NAYAN SHARMA	X	Y	Y
34.	IN PERSONAL CAPACITY, NEW DELHI	DR. A K DHAWAN	Y	Y	X

## COMPOSITION OF SAFETY IN CONSTRUCTION, & OPERATION AND MAINTENANCE OF RIVER VALLEY PROJECTS SECTIONAL, WRD 21

**Scope:** Standardization of safety aspects during various stages of construction, operation and maintenance of components and appurtenances of water resource projects.

Last 3 meetings		16 <sup>th</sup> meeting - 22 Mar 2022	17 <sup>th</sup> meeting - 16 Sept 2022	18 <sup>th</sup> meeting – 15 Jan 2024		
S. NO.	ORGANIZATION	REPRESENTATIVES	MEETINGS ATTENDED			
			16 <sup>th</sup>	17 <sup>th</sup>	18 <sup>th</sup>	
1.	NATIONAL HYDROELECTRIC POWER CORPORATION, FARIDABAD	EXECUTIVE DIRECTOR ( <i>Chairperson</i> ) [Presently: SHRI SUPRAKASH ADHIKARI]	Y	Y	Y	
2.	BHAKRA BEAS MANAGEMENT BOARD, CHANDIGARH	MEMBER-IRRIGATION SHRI ER ARVIND KUMAR SHARMA , SUPERINTENDING ENGINEER (Alternate)	Y	Y	X	
3.	BHARAT HEAVY ELECTRICAL LIMITED, NEW DELHI	V. SHRINIVAS RAO ADDITIONAL GENERAL MANAGER SHRI RAGHVENDRA SINGH DGM (Alternate)	Y	X	X	
4.	CENTRAL BOARD OF IRRIGATION AND POWER, NEW DELHI	SHRI. K.K. SINGH, DIRECTOR (WR) SHRI KAMAL KUMAR, MANAGER WR (Alternate)	X	X	Y	
5.	CENTRAL ELECTRICITY REGULATORY COMMISSION, NEW DELHI	SHRI MANOJ TRIPATHI, DIRECTOR (HPM DIVISION) SHRI RAJEEV VARSHNEY (Alternate)	X	Y	X	
6.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI R. K. GAUTAM, DIRECTOR (DSM) SHRI S. S. BAKSHI, DIRECTOR (DSR) (Alternate)	Y	Y	Y	
7.	CENTER FOR FIRE, ENVIRONMENT AND EXPLOSIVE SAFETY, DELHI	DR. P. K. RAI, ASSOCIATE DIRECTOR, ENVIRONMENT SAFETY	Y	X	Y	
8.	GAMMON ENGINEERING AND CONTRACTORS PVT. LIMITED	SHRI SADASHIV NAYAK, VP (TENDERS AND BUSINESS DEVELOPMENT) SHRI RAJEEV KUMAR, VP (PROJECTS) (Alternate)	X	X	X	
9.	GEOLOGICAL SURVEY OF INDIA, KOLKATA	SHRI MANOJ KUMAR KAISTHA, DIRECTOR SHRI NIHAR RANJAN BHATTACHARYA, DIRECTOR (Alternate)	X	Y	Y	
10.	GUJARAT ENGINEERING RESEARCH INSTITUTE, VADODARA	SHRI B. H. CHAUDHARI, SUPERINTENDING ENGINEER, DSO SHRI P. P. BUTANI, EXECUTIVE ENGINEER, DAM SAFETY ORGANIZATION	NR	Y	X	
11.	HCC LIMITED, MUMBAI	SHRI PRAVEEN H SHETTIGAR, CHIEF TECHNOLOGY OFFICER & HEAD – TENDERING SHRI RAKESH BHARTI, Manager-HSE (Alternate)	X	X	X	
12.	HIMACHAL PRADESH POWER CORPORATION LIMITED, SHIMLA	SHRI ER. R. K. KAUNDAL SHRI SANJAY RANA, DEPUTY GENERAL MANAGER (Alternate)	Y	Y	Y	

13.	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE	PROF. S K SINGAL, HRED PROF. MK SINGHAL, HRED (Alternate)	Y	X	Y
14.	IRRIGATION DEPARTMENT AND CAD GOVERNMENT OF ANDHRA PRADESH	SHRI S. PANDURANGA RAO CHIEF ENGINEER	X	X	X
15.	LARSEN AND TOUBRO LIMITED, MUMBAI	SHRI AMAR PAL SINGH HEAD ENGINEERING, EDRC-HYDEL SHRI SANJAY PAJNI, CHIEF ENGG. MANAGER (Alternate)	Y	X	X
16.	NARMADA HYDROELECTRIC DEVELOPMENT CORPORATION (NHDC), BHOPAL	SHRI SHASHANK SHUKLA, GENERAL MANAGER (D&E-I/C) SHRI JAI PRAKASH, GENERAL MANAGER (D&E)	X	Y	X
17.	NATIONAL HYDROELECTRIC POWER CORPORATION, FARIDABAD	SHRI AMIT KUMAR, SENIOR MANAGER (ELECTRICAL) SHRI BRAJNANDAN RAM, SENIOR MANAGER (ELECTRICAL) (Alternate) SHRI NEERAJ KUMAR, DEPUTY MANAGER (SAFETY) (Alternate)	Y	Y	Y
18.	NATIONAL PROJECTS CONSTRUCTION CORPORATION LIMITED, FARIDABAD	SHRI RISHIN MANAS DAS, SENIOR MANAGER (CIVIL) SHRI D.P. SINGH, GENERAL MANAGER (CIVIL) (Alternate)	X	X	Y
19.	NATIONAL SAFETY COUNCIL, MUMBAI, MAHARASHTRA	SHRI SANDEEP DHAMONE, DEPUTY DIRECTOR SHRI AKSHAY V. HOTKAR, DEPUTY DIRECTOR	NR	X	X
20.	NATIONAL WATER DEVELOPMENT AGENCY, NEW DELHI	SHRI SHAJATNAN K.H, DIRECTOR (TECHNICAL) SHRI S C AWASTHI, SUPERINTENDING ENGINEER (Alternate 1)	X	Y	Y
21.	NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED, SHILLONG	MR. D. DAS, DIRECTOR GENERAL MANAGER	Y	Y	Y
22.	SJVN LIMITED, SHIMLA	SHRI ARVIND MAHAJAN AGM (SAFETY) SHRI AJAY UPPAL AGM (POWER HOUSE MAINTENANCE) (Alternate)	X	X	X
23.	OIL INDUSTRY SAFETY DIRECTORATE, NOIDA	SHRI MURARI MOHAN PRASAD, ADDITIONAL DIRECTOR SHRI N. K. PANDEY, JOINT DIRECTOR (Alternate)	NR	NR	X
24.	SOMA ENTERPRISE LTD	SHRI BISWAJIT DAS, EXECUTIVE DIRECTOR SHRI BOPPANA JAGADISH KUMAR, PROJECT CO-ORDINATOR (POWER) (Alternate) SHRI RAVIKIRAN SREEKANTAM, ASSISTANT MANAGER (Alternate)	NR	X	X
25.	SARDAR SAROVAR NARMADA NIGAM LIMITED, GANDHINAGAR	SHRI K. B. PARMAR, CHIEF ENGINEER (DESIGN) SUPERINTENDING ENGINEER (Alternate)	X	X	Y
26.	TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION LIMITED, CHENNAI	SHRI V. GOPALAKRISHNAN EXECUTIVE ENGINEER/CIVIL (NI) & EA TO CE/CD	X	X	X



27.	THDC, RISHIKESH	SHRI VIRENDRA SINGH, GENERAL MANAGER SHRI ATUL KUMAR SINGH, DY. GENERAL MANAGER (Alternate-1) SHRI MOHD. SHUEB SAXENA, AGM (Alternate-2)	X	X	Y
28.	UTTARAKHAND JAL VIDYUT NIGAM LIMITED, DEHRADUN	SHRI ARVIND KUMAR, GENERAL MANAGER (LD&J) SHRI PANKAJ KUMAR, DY. GENERAL MANAGER (E&M DESIGN), (Alternate)	X	X	X
29.	WATER RESOURCES DEPARTMENT, GOVT OF ANDHRA PRADESH	SHRI A. SURI BABU SUPERINTENDING ENGINEER	X	X	X
30.	WATER RESOURCES DEPARTMENT, GOVERNMENT OF MADHYA PRADESH	SHRI B.C. PURANDARE , ENGINEER IN CHIEF SHRI R. K. JAIN (Alternate)	X	X	X
31.	WATER RESOURCES DEPARTMENT, GOVT OF MAHARASHTRA	SE, DSO SHRI VIKANT ANAND (Alternate)	X	X	X
32.	WATER RESOURCES DEPARTMENT, GOVT. OF PUNJAB	SHRI N K JAIN, CHIEF ENGINEER (RSDD) DIRECTOR DAMS (RSDD) (Alternate)	X	Y	X
33.	IN PERSONAL CAPACITY	SHRI A.B LAL	Y	X	X
34.	IN PERSONAL CAPACITY	SHRI ASHOK KUMAR PRASAD	Y	X	X

**NOMINATIONS AWAITED**

35	BEML LIMITED, BENGALURU	NOMINATION AWAITED	-	-	-
36	NTPC LIMITED, NOIDA	NOMINATION AWAITED	-	-	-

## COMPOSITION OF FLOOD MANAGEMENT, EROSION MANAGEMENT AND DIVERSION WORKS SECTIONAL COMMITTEE, WRD 22

**SCOPE:** Standardization of criteria for planning, design, construction, operation, maintenance and other related aspects of river training works, barrages, weirs and diversion works

Last 3 meetings		17 <sup>th</sup> meeting – 19 Feb 2019	18 <sup>th</sup> meeting – 01 Oct 2021	19 <sup>th</sup> meeting – 18 Jan 2023		
S. No.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			17 <sup>th</sup>	18 <sup>th</sup>	19 <sup>th</sup>	
1.	CENTRAL WATER COMMISSION, NEW DELHI	CHIEF ENGINEER (FM) ( <i>Chairperson</i> ) [Presently: SHRI B K KARJEE]	Y	Y	Y	
2.	BHAKRA BEAS MANAGEMENT BOARD, NANGAL TOWNSHIP	SHRI H L KAMBOJ	Y	X	Y	
3.	BORDER ROADS ORGANIZATION, NEW DELHI	SHRI R K GARG SE (C), DIR (EPC) SHRI R SRINIVASA RAO, SE(CIV), DIRECTOR (EAST) (Alternate)	X	X	Y	
4.	BRAHMAPUTRA BOARD, GOVT. OF INDIA, GUWAHATI	SHRI P. MANROI SCOTT, VICE CHAIRPERSON SHRI GAYA PRASAD SINGH (Alternate)	X	X	Y	
5.	CENTRAL SOIL AND MATERIALS RESEARCH STATION, NEW DELHI	DIRECTOR DR. MANISH GUPTA, SCIENTIST 'E', (Alternate)	NR	Y	Y	
6.	CENTRAL WATER & POWER RESEARCH STATION, PUNE	SHRI KULDEEP MALIK, SCIENTIST C SHRI B. RAGHURAM SINGH, SCIENTIST D SHRI ARUN KUMAR, SCIENTIST C	Y	Y	Y	
7.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI S.K. SHARMA, DIRECTOR, BCD (E & NE) SHRI AJAY KUMAR, DIRECTOR, (FM-I) SHRI DHARMENDRA SINGH, DEPUTY DIRECTOR, (FM-II) (Alternate-1) SHRI ANSHUL GOYAL, DY. DIRECTOR, BCD (E&NE) (Alternate-2)	Y	Y	Y	
8.	DEPARTMENT OF IRRIGATION & FLOOD CONTROL, JAMMU, GOVT. OF JAMMU & KASHMIR	SHRI ASHOK K. R. GANDOTRA, CHIEF ENGINEER SHRI ASHOK KUMAR SHARMA (Alternate)	Y	Y	Y	
9.	GANGA FLOOD CONTROL COMMISSION, PATNA	SHRI SANDEEP KUMAR RAJAN, MEMBER SHRI AMITABH PRABHAKAR, DIRECTOR (P&C) (Alternate)	X	X	Y	
10.	GUJARAT ENGINEERING RESEARCH INSTITUTE, VADODARA	SHRI R. M. PATEL, CHIEF ENGINEER & DIRECTOR SHRI N. R. MAKWANA, JOINT DIRECTOR (IRRIGATION) (Alternate)	NR	NR	Y	
11.	HIMACHAL PRADESH POWER CORPORATION LIMITED, SUNDERNAGAR	SHRI R.K. KAUNDAL, DIRECTOR GENERAL MANAGER SHRI RAJESH GULERIA, DY. GENERAL MANAGER (Alternate)	Y	X	Y	

12.	ICT PRIVATE LIMITED, NEW DELHI	SHRI SURAJ VERMA, DY. GENERAL MANAGER SHRI VIVEK JAIN, DY. GENERAL MANAGER (Alternate)	X	X	X
13.	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	PROF. ARUN KUMAR, HRED PROF. S.K. MISHRA, WRDM (Alternate)	Y	X	Y
14.	INDIAN INSTITUTE OF TECHNOLOGY, NEW DELHI	PROF.A.K.KESHARI	Y	Y	Y
15.	IRRIGATION RESEARCH INSTITUTE, ROORKEE	SHRI DINESH CHANDRA, CHIEF ENGINEER LEVEL -1 SHRI R.C. GUPTA, SUPERINTENDING ENGINEER (Alternate)	X	Y	X
16.	IRRIGATION & WATER RESOURCES DEPARTMENT, GOVT.OF HARYANA	SHRI SANDEEP TANEJA, CHIEF ENGINEER / YWS(SOUTH) SHRI PARDEEP YADAV (Alternate)	Y	Y	X
17.	MACCAFERRI ENVIRONMENTAL SOLUTION PRIVATE LIMITED, GURUGRAM	MS MINIMOL KORULLA, HEAD (STRATEGIC PROJECTS)	NR	Y	Y
18.	MINISTRY OF RAILWAYS (RDSO), LUCKNOW	DIRECTOR (B&S)/CB-II ASSTT.DESIGN ENGINEER (B&F) (Alternate)	X	Y	X
19.	NATIONAL HYDROELECTRIC POWER CORPORATION LTD. FARIDABAD	SMT. BHAVYA SHUKLA, MANAGER CIVIL SHRI AJEET KUMAR, SENIOR MANAGER CIVIL (Alternate-1) SHRI ANUJ KUMAR JHA, GENERAL MANAGER (CIVIL) (Alternate-2)	Y	Y	Y
20.	RANJIT SAGAR DAM DESIGN (RSDD)	SHRI K K GUPTA SHRI S S KHORA (Alternate)	X	X	X
21.	SARDAR SAROVAR NARMADA NIGAM LIMITED, GANDHINAGAR	SHRI KIRAN KUMAR AMRATLAL PATE, DIRECTOR (CIVIL) SHRI K. B. PARMAR, CHIEF ENGINEER (DESIGN) (Alternate)	Y	X	Y
22.	SYAMA PRASAD MOOKERJEE PORT TRUST, WEST BENGAL	SHRI DEBASISH GUHA, CHIEF HYDRAULIC ENGINEER DR MANAS KUMAR DAS, DY. DIRECTOR (Alternate)	Y	X	Y
23.	TERRE ARMEE INDIA, NEW DELHI	SHRI ATANU ADHIKARI, VP ( HEAD TECHNICAL) SHRI PRINCE JOSHI, ASSOCIATE VP (TECHNICAL)	NR	Y	Y
24.	THDC, RISHIKESH	SHRI ATUL JAIN, GM (CIVIL - DESIGN) SHRI NEERAJ AGRAWAL, DGM (Alternate) SHRI AMIT SHYAM GUPTA, DY. MANAGER (DESIGN - CIVIL)	Y	Y	X
25.	UTTARAKHAND IRRIGATION DEPARTMENT	DINESH CHANDRA, C.E. LEVEL - 1 R.C. GUPTA, S.E. HYDRAULIC CIRCLE (Alternate)	X	X	X
26.	WATER RESOURCES DEPARTMENT, GOVT. OF ANDHRA PRADESH	SUPERINTENDING ENGINEER(B&C) SUPERINTENDING ENGINEER(DAMS) (Alternate)	X	X	X

	WATER RESOURCES DEPTT., ASSAM	SHRI SAMERAN DEKA, SUPERINTENDING ENGINEER SHR UTPAL MAJUMDAR. EXECUTIVE ENGINEER (Alternate)	NA	NA	X
27.	WATER RESOURCES DEPTT., KARNATAKA	SHRI SATISH M, CHIEF ENGINEER	X	X	Y
28.	WATER RESOURCES DEPTT., GOVT.OF MAHARASHTRA	SHRI R.V.SHRIGIRIWAR, SUPERINTENDING ENGINEER (MD) SHRI R.A.SHIMPI, EXECUTIVE ENGINEER (Alternate)	X	Y	Y
29.	WATER RESOURCES DEPARTMENT, PUNJAB	SHRI H.S. MENDIRATTA, DIRECTOR SHRI JAGJIT SINGH BAINS, EXECUTIVE ENGINEER (Alternate)	Y	Y	Y
30.	WATER RESOURCES ORGANIZATION, PUBLIC WORKS DEPARTMENT, TAMIL NADU	E.R. N. PANDIAN MS. AMELIA BALRAJ SPECIAL CHIEF ENGINEER, WRD	Y	X	Y
31.	IN PERSONAL CAPACITY	SHRI S.K. MAZUMDER	Y	Y	Y
32.	IN PERSONAL CAPACITY	SHRI DHRUBJOYOTI BORGOHAIN	NR	X	X
33.	IN PERSONAL CAPACITY	DR. NAYAN SHARMA	NR	Y	Y

**NOMINATIONS AWAITED**

34	IRRIGATION & WATERWAYS DEPARTMENT KOLKATA, WEST BENGAL	NOMINATION AWAITED	NR	X	X
35	IN PERSONAL CAPACITY	SHRI H.L ARORA	NA	NA	NA

## COMPOSITION OF MEASUREMENT AND COST ANALYSIS OF WORKS FOR RIVER VALLEY PROJECTS SECTIONAL COMMITTEE, WRD 23

**Scope:** Standardization in the field of measurement and cost analysis of civil engineering works for water resource projects.

Last 3 meetings		21 <sup>st</sup> meeting - 24 <sup>th</sup> Jan 2022	22 <sup>nd</sup> meeting - 22 July 2022	23 <sup>rd</sup> meeting – 23 Jun 2023		
Sl. No.	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			21 <sup>st</sup>	22 <sup>nd</sup>	23 <sup>rd</sup>	
1.	NATIONAL HYDROELECTRIC POWER CORPORATION LIMITED, FARIDABAD	EXECUTIVE DIRECTOR ( <i>Chairperson</i> ) [Presently: SHRI NADEEM HASAN <i>Chairperson</i> ]	Y	Y	Y	
2.	BHAKRA BEAS MANAGEMENT BOARD, CHANDIGARH	SHRI RAJESH GUPTA	X	Y	X	
3.	CENTRAL ELECTRICITY AUTHORITY, NEW DELHI	SHRI SHIVCHARAN CHHIROLIA, DIRECTOR (HPM DIVISION) SHRI BHARAT GUPTA, DEPUTY DIRECTOR (HPM DIVISION) (Alternate)	Y	Y	Y	
4.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI KIRAN PRAMANIK, DIRECTOR, COST APP. (HWF) SHRI AJAY SHIVLAL BANODE, DIRECTOR (IRRIGATION) (Alternate)	Y	Y	Y	
5.	ENERGY INFRA TECH, GURGAON	SHRI MANOJ KUMAR GUPTA SHRI PRAMOD CHAND TEWARI, MANAGER (Alternate-1) SHRI SUDHEER KUMAR SINGH, SENIOR ENGINEER (Alternate-2)	X	X	X	
6.	FERRO CONCRETE CO (I) PVT LTD, INDORE	DR. MAHAVIR BIDASARIA, chairperson SHRI ER. ANUPAM BIDASARIA, MANAGING DIRECTOR (Alternate)	Y	Y	X	
7.	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE (WRDM)	PROF. GOPAL CHAUHAN	X	X	X	
8.	IRRIGATION DEPARTMENT, GOVT OF KERALA, THIRUVANANTHAPURAM	SHRI K. A JOSHY, CHIEF ENGINEER	X	X	Y	
9.	IRRIGATION RESEARCH INSTITUTE, ROORKEE	SHRI DINESH CHANDRA, CHIEF ENGINEER SHRI SHANKAR KUMAR SAHA, SUPERINTENDING ENGINEER (Alternate)	Y	Y	X	
10.	KARNATAKA POWER CORPORATION LIMITED, BANGALORE	CHIEF ENGINEER (CIVIL DESIGN)	X	X	X	
11.	LARSEN & TOUBRO CONSTRUCTION INDIA LTD., NEW DELHI	SHRI SANJAY PAJNI, JGM AND HEAD - EDRC ( HYDEL BU) SHRI SRAVAN KUMAR MEGHAVARUPU, CHIEF ENGINEERING MANAGER (Alternate)	X	X	X	
12.	NATIONAL HYDROELECTRIC POWER CORPORATION LIMITED, FARIDABAD	MS. SWATI GARG, GENERAL MANAGER (CIVIL) MS. RENU BHADRASEN, SENIOR MANAGER	Y	Y	Y	

		SHRI ANIL SINGH BHANDARI, GROUP SENIOR MANAGER (C) (Alternate)			
13.	NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED , SHILLONG	NOMINATION AWAITED	-	-	-
14.	NTPC LIMITED, NOIDA	SHRI SHAILENDRA KUMAR PANDEY SHRI JAGAT SINGH YADAV (Alternate)	X	Y	Y
15.	SATLUJ JAL VIDYUT NIGAM LIMITED, NEW SHIMLA	SHRI M.C. VERMA, ASSISTANT GENERAL MANAGER (COST ENGINEERING)	X	X	X
16.	SARDAR SAROVAR NARMADA NIGAM LTD., GANDHI NAGAR	SHRI K B PARMAR, CHIEF ENGINEER (DESIGN) SHRI V.K. GUPTA (Alternate)	Y	X	Y
17.	THDC, RISHIKESH	SHRI ATUL KUMAR SINGH, DY. GENERAL MANAGER SHRI J. S. RAWAT, AGM (COST ENGINEERING) (Alternate)	Y	Y	Y
18.	WAPCOS LTD., NEW DELHI	SHRI ANUPAM MISHRA, HEAD (CIVIL DESIGNS) SHRI AMITABH TRIPATHI, GENERAL MANAGER (HYDRO-POWER) (Alternate)	Y	Y	X
19.	WATER RESOURCES DEPARTMENT, MADHYA PRADESH	CHIEF ENGINEER, BODHI, W.R.D. BHOPAL	X	X	X
20.	WATER RESOURCES DEPARTMENT, PUNJAB	CHIEF ENGINEER DESIGN (Alternate)	X	X	X
21.	WATER RESOURCES DEVELOPMENT ORGANIZATION, BANGALORE	SHRI SATISH M, CHIEF ENGINEER	X	Y	X
22.	IN PERSONAL CAPACITY	SHRI H.L ARORA	Y	Y	Y

**NOMINATIONS AWAITED**

23.	IRRIGATION DEPARTMENT, UTTAR PRADESH, LUCKNOW	NOMINATION AWAITED	-	-	-
24.	IRRIGATION DEPARTMENT, HIMACHAL PRADESH	NOMINATION AWAITED	-	-	-
25.	UJVN LTD., DEHRADUN	NOMINATION AWAITED	-	-	-

**COMPOSITION OF ENVIRONMENTAL ASSESSMENT AND MANAGEMENT OF WATER RESOURCE PROJECTS SECTIONAL COMMITTEE, WRD 24**

**SCOPE:** *Standardization in the field of environmental assessment, evaluation and management relevant to water resources projects*

Last 3 meetings		17 <sup>th</sup> meeting- 25 Oct 2021	18 <sup>th</sup> Meeting – 4 Aug 2023	19 <sup>th</sup> meeting – 16 Apr 2024		
SL NO.	NAME OF THE ORGANISATION	REPRESENTED BY	MEETINGS ATTENDED			
			17 <sup>th</sup>	18 <sup>th</sup>	19 <sup>th</sup>	
1.	CENTRAL WATER COMMISSION, NEW DELHI	CHIEF ENGINEER, EMO ( <i>Chairperson</i> ) [Presently: SHRI RISHI SRIVASTAVA, <i>Chairperson</i> ]	Y	Y	Y	
2.	ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RISHIKESH	DR SUREKHA KISHORE, DEAN	X	X	X	
3.	CENTRAL BOARD OF IRRIGATION & POWER, NEW DELHI	DR K. K. SINGH, DIRECTOR (WR) SHRI KAMAL KUMAR, MANAGER (WATER RESOURCES) (Alternate)	X	Y	Y	
4.	CENTRAL ELECTRICITY AUTHORITY, NEW DELHI	SHRI RAJEEV VARSHNEY, DIRECTOR SHRI ASHISH KUMAR LOHIYA, DEPUTY DIRECTOR (Alternate)	X	Y	Y	
5.	CENTRAL GROUND WATER BOARD, FARIDABAD	DR. A ASOKAN, MEMBER CGWB DR. G PRAVEEN KUMAR, SCIENTIST-D (Alternate)	Y	Y	Y	
6.	CENTRAL POLLUTION CONTROL BOARD, NEW DELHI	SHRI VISHAL GANDHI, SCIENTIST E SHRI P. K. MISHRA, SCIENTIST- E & DH- (WQM DIVISION 1) (Alternate)	X	X	X	
7.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI ALOK PAUL KALSI, DIRECTOR (EM) SHRI ABHISHEK SINHA, DIRECTOR BP1 (Alternate)	Y	Y	Y	
8.	CETUS CONSULTING SOLUTIONS SERVICES PRIVATE LIMITED, NEW DELHI	DR AJAY PRADHAN, PRINCIPAL MEMBER DR VIVEK KUMAR SINGH, ALTERNATE MEMBER	X	Y	Y	
9.	FOREST SURVEY OF INDIA, DEHRADUN	SHRI SHAILENDRA KUMAR SINGH, DEPUTY DIRECTOR MS. EKTA SINGH, SENIOR TECHNICAL ASSISTANT (Alternate)	X	X	Y	
10.	GEOLOGICAL SURVEY OF INDIA, NEW DELHI	MS. NEETU CHAUHAN, DIRECTOR SHRI DHARMENDRA KUMAR, SENIOR GEOLOGIST (Alternate)	Y	X	Y	
11.	NARMADA WATER RESOURCES, WATER SUPPLY DEPARTMENT, GANDHINAGAR	SHRI N. R. MAKWANA, JOINT DIRECTOR (IRRIGATION) SHRI V.R.RATHWA, RESEARCH OFFICER (I/C) (Alternate)	X	Y	Y	
12.	GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI	DR DEEKSHA KATYAL	X	Y	Y	

13.	HYDRO AND RENEWAL ENERGY DEPARTMENT (IIT ROORKEE), ROORKEE	PROF. S K MISHRA, PROF. WRDM PROF M. K. SINGHAL, ASSOCIATE PROFESSOR (Alternate)	X	Y	Y
14.	ICAR-CENTRAL INLAND FISHERIES RESEARCH INSTITUTE, KOLKATA	DR B. K. DAS, DIRECTOR	X	X	X
15.	INDIA WATER PARTNERSHIP, NEW DELHI	DR VEENA KHANDURI, EXECUTIVE SECRETARY	Y	Y	Y
16.	INDIAN SPACE RESEARCH ORGANISATION, BENGALURU	DR. S. BANDOPADHYAY, SCIENTIST-G/ ASSOCIATE DIRECTOR	X	Y	Y
17.	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE	PROF. BRIJESH KUMAR, DEPTT. OF HRED	Y	X	Y
18.	MAHARASHTRA ENGINEERING RESEARCH INSTITUTE, NASHIK	SUPERINTENDING ENGINEER (DATA COLLECTION, PLANNING AND HYDROLOGY) EXECUTIVE ENGINEER, HYDROLOGY PROJECT DIVISION (Alternate)	X	X	X
19.	MAULANA AZAD MEDICAL COLLEGE, NEW DELHI	DR AMOD LAXMIKANT BORLE Fresh Nomination Received 11 July 2024	Y	Y	X
20.	MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE, NEW DELHI	SHRI MUNNA KUMAR SHAH, SCIENTIST E DR. SAURABH UPADHYA, SCIENTIST C (Alternate)	Y	X	Y
21.	MU GAMMA CONSULTANTS PVT. LTD.	DR. GIRIJA BHARAT (FOUNDER AND DIRECTOR) MS. AVANTI ROY BASU (Alternate)	X	Y	X
22.	NARMADA CONTROL AUTHORITY, INDORE	SMT. USHA DWIVEDI	X	X	X
23.	NATIONAL INSTITUTE OF HYDROLOGY, ROORKEE	DR PRADEEP KUMAR, SCIENTIST E DR RAJESH SINGH, SCIENTIST E (Alternate)	X	Y	X
24.	NATIONAL REMOTE SENSING CENTRE, HYDERABAD	DR. P. V. RAJU DR V. M. CHOWDARY (Alternate)	X	Y	Y
25.	NATIONAL WATER DEVELOPMENT AGENCY, NEW DELHI	SHRI R. K. JAIN, CHIEF ENGINEER (HQ) SHRI S.C. AWASTHI, SUPERINTENDING ENGINEER (Alternate)	X	X	X
26.	NHPC LIMITED, FARIDABAD	DR. AVINASH KUMAR, GENERAL MANAGER (ENVIRONMENT) SHRI RAJEEV RANJAN PRASAD, DEPUTY GENERAL MANAGER ENV. (Alternate-1) MS. SHREYA, DEPUTY MANAGER CIVIL (Alternate-2)	Y	Y	Y
27.	NORTH EASTERN REGIONAL INSTITUTE OF WATER AND LAND MANAGEMENT, TEZPUR	DR AMULYA CH. DEBNATH, ASSOCIATE PROFESSOR DR UZZAL MANI HAZARIKA (Alternate)	X	X	Y
28.	NTPC LIMITED, NEW DELHI	DR VIJAY PRAKASH, GENERAL MANAGER (ENGG. SERVICE) SHRI HIMAT DESUR GOJIYA, SENIOR MANAGER (ENV. ENGG.) (Alternate)	X	Y	Y
29.	SOIL AND LAND USE SURVEY OF INDIA, DELHI	SHRI MILIND WADODKAR SHRI RANG LAL MEENA (Alternate)	X	X	Y



30.	TERI SCHOOL OF ADVANCED STUDIES, NEW DELHI	SHRI VINAY S. P. SINHA, ASSOCIATE PROFESSOR SMT. RANJANA RAY CHAUDHARI, LECTURER (ASSOCIATE PROFESSOR) (Alternate)	Y	Y	X
31.	THDC INDIA LIMITED, RISHIKESH	DR. D.L. BHATT, DZGM (ENV.) SHRI SURAJ AGRAWAL (Alternate)	X	X	X
32.	WAPCOS LIMITED, GURUGRAM	DR AMAN SHARMA SHRI A. STEPHEN LEO (Alternate)	X	X	X
33.	IN PERSONAL CAPACITY, NEW DELHI	SHRI R. K. KHANNA	X	Y	Y
34.	IN PERSONAL CAPACITY	DR. A. K. TRIPATHY	Y	Y	X

## COMPOSITION OF COASTAL ZONE WATER MANAGEMENT SECTIONAL COMMITTEE, WRD 28

**SCOPE:** Standards on planning, design, construction and management of coastal zone water resources. The scope covers the standardization on coastal pollution, coastal erosion, desalination, intake and outfalls, salt water intrusions, remote sensing, estuary hydraulics, back water, islands, coastal hazards, coastal structures and coastal aquifer.

Last 3 meetings		2 <sup>nd</sup> Meeting – 28 Dec 2022	3 <sup>rd</sup> Meeting – 28 July 2023	4 <sup>th</sup> meeting – 13 Mar 2024		
SI No	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	
1.	IN PERSONAL CAPACITY	DR. V. SUNDAR ( <i>Chairperson</i> ) ADVISORY CONSULTANT, IIT MADRAS	Y	Y	Y	
2.	BERHAMPUR UNIVERSITY, ODISHA	PROF. PRATAP KUMAR MOHANTY, PROFESSOR	Y	Y	X	
3.	CENTRAL GROUND WATER BOARD, FARIDABAD	DR. D. GNANA SUNDAR DR. M. SENTHIL KUMAR (Alternate)	X	Y	X	
4.	CENTRAL POLLUTION CONTROL BOARD, NEW DELHI	SHRI P. K. MISHRA, SCIENTIST E AND DIVISIONAL HEAD, WATER QUALITY MANAGEMENT	Y	Y	X	
5.	CENTRAL WATER & POWER RESEARCH STATION, PUNE	DR. PRABHAT CHANDRA, SCIENTIST E SHRI B. R. TAYADE, SCIENTIST D (Alternate-1) Shri V. K. Shukla, Scientist C (Alternate-2)	Y	X	Y	
6.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI DEEPAK KUMAR, DIRECTOR CM DTE SHRI V D ROY, DIRECTOR MORPH & CC DTE. (Alternate)	Y	Y	Y	
7.	DEPARTMENT OF ECOLOGY AND ENVIRONMENT, BENGALURU	SHRI GOKUL R, COMMISSIONER, TECHNICAL CELL	X	Y	Y	
8.	GOA STATE POLLUTION CONTROL BOARD, PANAJI	DR. MOHAN R. GIRAP , SCIENTIST-C	X	Y	X	
9.	GUJARAT COASTAL ZONE MANAGEMENT AUTHORITY	SHRI NISCHAL JOSHI, DIRECTOR ENVIRONMENT (GCZMA)	X	X	X	
10.	ICAR- CENTRAL MARINE FISHERIES RESEARCH INSTITUTE, KOCHI	DR. LOVESON EDWARD L, SCIENTIST	Y	Y	X	
11.	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY	PROF. ELDHO T.I., PROFESSOR (HAG) PROF. MANASA RANJAN BEHERA	Y	Y	Y	
12.	INDIAN INSTITUTE OF TECHNOLOGY MADRAS, CHENNAI	PROF. S. A. SANNASIRAJ PROF. INDUMATHI M. NAMBI	X	X	X	
13.	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE	DR. R. VINNARASI, ASSISTANT PROFESSOR PROF. ALOK BHARDWAJ, ASSISTANT PROFESSOR (ALTERNATE)	X	Y	Y	
14.	INDIAN NATIONAL CENTRE FOR OCEAN INFORMATION SERVICES (INCOIS) HYDERABAD	DR T M BALA KRISHNAN NAIR, SCIENTIST G GROUP DIRECTOR (OSAR)	X	X	Y	

15.	KERALA STATE COASTAL AREA DEVELOPMENT CORPORATION LIMITED, TRIVANDRUM	SHRI P.I. SHEIK PAREETH IAS, MANAGING DIRECTOR SHRI BALAKRISHNAN TV, CHIEF ENGINEER (Alternate-1) SMT. CHITHRA UNNIKRISHNAN, ASSISTANT EXECUTIVE ENGINEER (Alternate-2)	NR	NR	NR
16.	MACCAFERI ENVIRONMENTAL SOLUTIONS PVT. LIMITED	SMT. MINIMOL KORULLA, HEAD - STRATEGIC PROJECTS AND INITIATIVES - ISEAP SHRI RAJARSHI CHAKRAVORTY, SENIOR MANAGER	Y	Y	Y
17.	NATIONAL CENTRE FOR COASTAL RESEARCH, CHENNAI	DR. TUNE USHA, SCIENTIST -G DR. SATYAKIRAN RAJU ALLURI, SCIENTIST – D (Alternate)	Y	Y	X
18.	NATIONAL INSTITUTE OF HYDROLOGY, ROORKEE	DR. Y.R. SATYAJI RAO, SCIENTIST G AND HEAD DR. S.V. VIJAYA KUMAR, SCIENTIST G (Alternate)	Y	Y	Y
19.	ODISHA COASTAL ZONE MANAGEMENT AUTHORITY	DR. KRUSHNA CHANDRA PAL, SENIOR SCIENTIST (ECOLOGY & ENVIRONMENT) MS. SASMITA DAS, JUNIOR SCIENTIST (Alternate)	Y	Y	X
20.	PUDUCHERRY COASTAL ZONE MANAGEMENT AUTHORITY	SHRI P. VIPIN BABU, SCIENTIST	NR	NR	NR
21.	SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT	SHRI SANJAY KUMAR M. YADAV, PROFESSOR, CIVIL ENGINEERING	X	Y	X
22.	TAMIL NADU COASTAL ZONE MANAGEMENT AUTHORITY	SHRI DEEPAK BILGI, MEMBER SECRETARY SHRI SOWMYA L, DEPUTY DIRECTOR	Y	X	X
23.	WEST BENGAL POLLUTION CONTROL BOARD, KOLKATA	SHRI DEBANJAN GUPTA, SENIOR SCIENTIST	X	X	X
24.	WATER RESOURCES DEPARTMENT, TAMIL NADU CHENNAI	CHIEF ENGINEER, WRD, DESIGN, RESEARCH AND CONSTRUCTION SUPPORT. EXECUTIVE ENGINEER, ANTI SEA EROSION DIVISION (Alternate-1). ASSISTANT EXECUTIVE ENGINEER, ANTI SEA EROSION SUB DIVISION (Alternate-2)	Y	Y	Y

**COMPOSITION OF SMALL HYDROPOWER PLANTS SECTIONAL COMMITTEE, WRD 29**

**SCOPE:** Standards on planning, design, construction and management of coastal zone water resources. The scope covers the standardization on coastal pollution, coastal erosion, desalination, intake and outfalls, salt water intrusions, remote sensing, estuary hydraulics, back water, islands, coastal hazards, coastal structures and coastal aquifer.

Last 3 meetings		1 <sup>st</sup> meeting – 27 Feb 2024	2 <sup>nd</sup> meeting – 15 Apr 2024	3 <sup>rd</sup> meeting – 10 May 2024		
SI No	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED			
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
1.	IN PERSONAL CAPACITY	DR. ARUN KUMAR ( <i>Chairperson</i> ) INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE	Y	Y	Y	
2.	ANDRITZ HYDRO PRIVATE LIMITED, FARIDABAD	SHRI DIVYANKUR AGGARWAL SHRI SWETHARNYAN G (Alternate-1) MS. ITISHREE MOHANTY (Alternate-2)	Y	Y	Y	
3.	BANGALORE HYDRO ENGINEERS & CONSULTANTS PRIVATE LIMITED, BANGALORE	SHRI S.N. SUBRAMANIAM, MANAGING DIRECTOR SHRI RAVINDRA S KASHYAP, CEO (Alternate)	Y	Y	Y	
4.	BHILANGANA HYDRO POWER LIMITED	SHRI RAJESH KUMAR JINDAL, CHIEF EXECUTIVE OFFICER SHRI LILADHAR PANDEY, (Alternate)	NR	NR	NR	
5.	CENTRAL WATER COMMISSION, NEW DELHI	MS. K REKHA RANI, DIRECTOR, HCD (E&NE) SHRI NARENDRA SINGH SHEKHAWAT, DIRECTOR, HCD (N&W), CWC (Alternate)	Y	Y	Y	
6.	CENTRAL WATER AND POWER RESEARCH STATION, PUNE	SHRI M. K. VERMA, SCIENTIST D SHRI KIRAN T MORE, SCIENTIST C (Alternate)	Y	Y	X	
7.	FEDERATION OF INDIAN SMALL HYDRO POWER, DELHI	SHRI SUMEET MAZUMDAR, CEO	Y	X	X	
8.	FLOVEL ENERGY PRIVATE LIMITED, FARIDABAD	SHRI DEEPAK RAJ POKHARNA, SENIOR MANAGER - DESIGN AND ENGINEERING  SHRI PRADEEP KUMAR, DEPUTY GENERAL MANAGER - DESIGN AND ENGINEERING (ALTERNATE)	Y	Y	Y	
9.	GREENKO GROUP, HYDERABAD	SHRI PRADEEP GUPTA, SR. GM	X	Y	Y	
10.	GEOLOGICAL SURVEY OF INDIA, KOLKATA	SHRI RAVI NEGI, SUPERINTENDING GEOLOGIST SHRI PRAVEEN KUMAR, SUPERINTENDING GEOLOGIST (Alternate)	Y	Y	X	
11.	HPPCL, SUNDAR NAGAR, HIMACHAL PRADESH	SHRI RAJENDER SINGH JAMWAL	X	X	Y	
12.	IIT ROORKEE, DEPARTMENT OF HYDRO AND RENEWABLE ENERGY, ROORKEE	DR. SUNIL KUMAR SINGAL, PROFESSOR SHRI HIMANSHU JAIN, ASSISTANT PROFESSOR (Alternate-1) SHRI C S PANT, ASSISTANT PROFESSOR (Alternate-2)	Y	Y	Y	

13.	JAMMU AND KASHMIR STATE POWER DEVELOPMENT CORPORATION, SRINAGA	SHRI MUBASHIR RASOOL, AGM (CIVIL) MS. PRIYA GUPTA, AGM (ELECTRIC) (Alternate)	X	Y	Y
14.	JADAVPUR UNIVERSITY, KOLKATA	PROF. APOORVA KUMAT SANTRA	NR	NR	X
15.	MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL	DR. VISHNU PRASAD, PROFESSOR	Y	Y	Y
16.	MINISTRY OF NEW AND RENEWABLE ENERGY, NEW DELHI	SHRI S. K. SHAHI SHRI RAJKUMAR BHAWARIYA (Alternate-1) SHRI HIREN CHANDRA BORAH (Alternate-2)	Y	Y	Y
17.	NATIONAL HYDROELECTRIC POWER CORPORATION, FARIDABAD	SHRI SANDEEP BATRA, GROUP GENERAL MANAGER	X	Y	Y
18.	NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR	DR. VARUN, ASSOCIATE PROFESSOR DR. V S DOGRA, ASSOCIATE PROFESSOR (Alternate)	X	Y	Y
19.	NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED, SHILLONG	SHRI BIBEKANANDA KALITA, GENERAL MANAGER (TECH.) SHRI DIPJYOTI SARMA, DY. GENERAL MANAGER (TECH.) (Alternate)	X	X	X
20.	ODISHA HYDRO POWER CORPORATION LIMITED, BHUBANESWAR	SHRI MALAYA KANTA SWAIN, AGM (ELECT.)	Y	Y	Y
21.	PUNJAB ENERGY DEVELOPMENT AGENCY, CHANDIGARH	SHRI M.P. SINGH, DIRECTOR SHRI KULBIR SINGH SANDHU, JOINT DIRECTOR (Alternate)	Y	Y	Y
22.	SAI ETERNAL FOUNDATION, SHIMLA	SHRI RAJ KUMAR VERMA, FOUNDERCUM-DIRECTOR	NR	NR	NR
23.	UTTARAKHAND JAL VIDYUT NIGAM LIMITED, DEHRADUN	SHRI AJAY PATEL, GENERAL MANAGER (SHP) SHRI MANOJ KUMAR KESARWANI, DY. GENERAL MANAGER (CIVIL) (Alternate)	Y	Y	Y
24.	UTTARAKHAND POLLUTION CONTROL BOARD, GOVT. OF INDIA	SHRI PARAG MADHUKAR DHAKATE, MEMBER SECRETARY SHRI ANKUR KANSAL, ENVIRONMENT ENGINEER (Alternate)	NR	NR	X
25.	VOITH HYDRO PRIVATE LIMITED, NOIDA	SHRI ADIT KUMAR SHAH, ASSISTANT GENERAL MANAGER SHRI RAVI KUMAR TAUNK, DGM (Alternate)	Y	Y	Y

**NOMINATIONS AWAITED**

26.	CENTRAL ELECTRICITY AUTHORITY, NEW DELHI	NOMINATION AWAITED	-	-	-
27.	HIMURJA, SHIMLA, HIMACHAL PRADESH	NOMINATION AWAITED	-	-	-
28.	HIMACHAL PRADESH STATE POLLUTION CONTROL BOARD, SHIMLA	NOMINATION AWAITED	-	-	-
29.	INDO CANADIAN CONSULTANCY SERVICES LIMITED, NOIDA	NOMINATION AWAITED	-	-	-
30.	KARNATAKA RENEWABLE ENERGY DEVELOPMENT LIMITED, BANGALORE	NOMINATION AWAITED	-	-	-

31.	KERALA STATE ELECTRICITY BOARD LIMITED, THIRUVANANTHAPURAM	NOMINATION AWAITED	-	-	-
32.	NATIONAL INSTITUTE OF HYDROLOGY, ROORKEE	NOMINATION AWAITED	-	-	-
33.	NEW & RENEWABLE ENERGY DEVELOPMENT CORPORATION OF ANDHRA PRADESH LTD, TADEPALLI	NOMINATION AWAITED	-	-	-
34.	SIKKIM POWER DEVELOPMENT CORPN. LIMITED (SPDCL), GANGTOK	NOMINATION AWAITED	-	-	-
35.	UTTARAKHAND RENEWABLE ENERGY DEVELOPMENT AGENCY, DEHRADUN	NOMINATION AWAITED	-	-	-

**COMPOSITION OF REPAIR, RETROFITTING AND REHABILITATION OF DAMS  
SECTIONAL COMMITTEE, WRD 30**

**Scope:** 'Standardization related to repair, retrofitting and rehabilitation of dams'.

Sl No.	Member Organization*	Represented by
1.	CENTRAL WATER COMMISSION	CHIEF ENGINEER (DSO) ( <i>Chairperson</i> ) [PRESENTLY SHRI RAKESH KASHYAP]
2.	CENTRAL WATER COMMISSION, NEW DELHI	DIRECTOR DSR DTE. DIRECTOR DSM DTE. ( <i>Alternate</i> )
3.	CENTRAL WATER AND POWER RESEARCH STATION, PUNE	SHRI RIZWAN ALI, SCIENTIST E SHRI SUNIL J. PILLAI, SCIENTIST C
4.	CENTRAL SOIL AND MATERIAL RESEARCH STATION, NEW DELHI	NOMINATION AWAITED
5.	NATIONAL DAM SAFETY AUTHORITY	NOMINATION AWAITED
6.	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE	NOMINATION AWAITED
7.	INDIAN INSTITUTE OF SCIENCE BENGALURU	NOMINATION AWAITED
8.	INDIAN INSTITUTE OF TECHNOLOGY MADRAS, CHENNAI	NOMINATION AWAITED
9.	MNIT JAIPUR	NOMINATION AWAITED
10.	GEOLOGICAL SURVEY OF INDIA, KOLKATA	NOMINATION AWAITED
11.	NHPC LIMITED, FARIDABAD	SHRI THOTA VENUGOPAL, GROUP SENIOR MANAGER (CIVIL) NOMINATION RECEIVED 11 JULY 2024
12.	UTTARAKHAND JAL VIDYUT NIGAM LIMITED, DEHRADUN	NOMINATION AWAITED
13.	DAMODAR VALLEY CORPORATION, KOLKATA	SHRI MANIK PANDEY, DGM (CIVIL) SHRI ALOKE BANERJEE, DY. MANAGER (CIVIL), DSD ( <i>alternate</i> )
14.	THDC INDIA LIMITED, RISHIKESH	NOMINATION AWAITED
15.	SJVN LIMITED, SHIMLA	NOMINATION AWAITED
16.	BHAKRA BEAS MANAGEMENT BOARD (BBMB), CHANDIGARH	NOMINATION AWAITED
17.	TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION (TANGEDCO), CHENNAI	NOMINATION AWAITED
18.	WATER RESOURCES DEPARTMENT, GOVT. OF TAMIL NADU, CHENNAI	NOMINATION AWAITED
19.	IRRIGATION DEPARTMENT, GOVT. OF KERALA, THIRUVANANTHAPURAM	NOMINATION AWAITED
20.	KERALA STATE ELECTRICITY BOARD LIMITED, THIRUVANANTHAPURAM	NOMINATION AWAITED
21.	DEPARTMENT OF WATER RESOURCES, GOVT. OF ODISHA, BHUBANESWAR	NOMINATION AWAITED

22.	WATER RESOURCES DEPARTMENT, GOVT. OF MADHYA PRADESH, BHOPAL	NOMINATION AWAITED
23.	WATER RESOURCES DEPARTMENT, GOVT. OF KARNATAKA, BENGALURU	NOMINATION AWAITED
24.	MAHARASHTRA STATE DAM SAFETY ORGANIZATION	NOMINATION AWAITED
25.	MP STATE DAM SAFETY ORGANIZATION	NOMINATION AWAITED
26.	GUJARAT STATE DAM SAFETY ORGANIZATION	NOMINATION AWAITED
27.	KARNATAKA STATE DAM SAFETY ORGANIZATION	NOMINATION AWAITED
28.	PARSAN OVERSEAS PRIVATE LIMITED, NEW DELHI	DR. SANJAY RANA, MANAGING DIRECTOR
29.	EGIS INDIA CONSULTANTS ENGINEERS PVT LTD, GURUGRAM	NOMINATION AWAITED
30.	SHRI C S MATHUR, DAM DESIGN ENGINEER	NOMINATION AWAITED
31.	IN PERSONAL CAPACITY	DR. A. K. DHAWAN, SPECIALIST DAM INSTRUMENTATION

*\*Nominations are being pursued*



**COMPOSITION OF URBAN FLOODING OF DAMS SECTIONAL COMMITTEE, WRD 31**

**Scope:** 'Standardization related to mitigation and management of urban floods'.

Sl No.	Member Organization*
1.	CHIEF ENGINEER (HSO), CWC- CHAIRPERSON Presently SHRI MANOJ TIWARI
2.	CENTRAL WATER COMMISSION, NEW DELHI
3.	CENTRAL WATER AND POWER RESEARCH STATION, PUNE
4.	CENTRAL SOIL AND MATERIAL RESEARCH STATION, NEW DELHI
5.	NATIONAL DAM SAFETY AUTHORITY
6.	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
7.	INDIAN INSTITUTE OF SCIENCE BENGALURU
8.	INDIAN INSTITUTE OF TECHNOLOGY MADRAS, CHENNAI
9.	MNIT, JAIPUR
10.	GEOLOGICAL SURVEY OF INDIA, KOLKATA
11.	NHPC LIMITED, FARIDABAD
12.	UTTARAKHAND JAL VIDYUT NIGAM LIMITED, DEHRADUN
13.	DAMODAR VALLEY CORPORATION, KOLKATA
14.	THDC INDIA LIMITED, RISHIKESH
15.	SJVN LIMITED, SHIMLA
16.	BHAKRA BEAS MANAGEMENT BOARD (BBMB), CHANDIGARH
17.	TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION (TANGEDCO), CHENNAI
18.	WATER RESOURCES DEPARTMENT, GOVT. OF TAMIL NADU, CHENNAI
19.	IRRIGATION DEPARTMENT, GOVT. OF KERALA, THIRUVANANTHAPURAM
20.	KERALA STATE ELECTRICITY BOARD LIMITED, THIRUVANANTHAPURAM
21.	DEPARTMENT OF WATER RESOURCES, GOVT. OF ODISHA, BHUBANESWAR
22.	WATER RESOURCES DEPARTMENT, GOVT. OF MADHYA PRADESH, BHOPAL
23.	WATER RESOURCES DEPARTMENT, GOVT. OF KARNATAKA, BENGALURU
24.	MAHARASHTRA STATE DAM SAFETY ORGANIZATION
25.	MP STATE DAM SAFETY ORGANIZATION
26.	GUJARAT STATE DAM SAFETY ORGANIZATION
27.	KARNATAKA STATE DAM SAFETY ORGANIZATION
28.	PARSAN OVERSEAS PRIVATE LIMITED, NEW DELHI
29.	EGIS INDIA CONSULTANTS ENGINEERS PVT LTD, GURUGRAM
30.	SHRI C S MATHUR, DAM DESIGN ENGINEER

*\*Nominations are being pursued*

## COMPOSITION OF GLACIAL LAKE OUTBURST FLOODS (GLOFS) AND LANDSLIDE LAKE OUTBURST FLOODS (LLOFS) SECTIONAL COMMITTEE, WRD 32

**Scope:** 'Standardization related to practices for glacier and landslide lake flood management, including nomenclature, mapping, volume estimation, hydrodynamic modeling, vulnerability assessment, early warning systems, and planning for flood mitigation'.

Sl No	NAME OF THE ORGANIZATION	REPRESENTED BY	MEETINGS ATTENDED
			1 <sup>st</sup> Meeting on 20 Jun 2024
1.	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE	PROF CHANDRA SHEKHAR PRASAD OJHA ( <i>Chairperson</i> )	Y
2.	BHAKRA BEAS MANAGEMENT BOARD, CHANDIGARH	SHRI. ANIL VYAS, DY. DIRECTOR NHP	X
3.	CENTRAL WATER COMMISSION, NEW DELHI	SHRI. S. K. SHUKLA, DIRECTOR, FE&SA SHRI. V. D. ROY, DIRECTOR, MORPHOLOGY &CC, CWC (Alternate)	Y
4.	DEFENCE GEOINFORMATICS RESEARCH ESTABLISHMENT, DRDO, CHANDIGARH	DR. H S NEGI, SCIENTIST-F DR. S K PUNDIR, SCIENTIST-G (Alternate)	X
5.	GEOLOGICAL SURVEY OF INDIA, KOLKATA	SHRI. AJAY KUMAR, DIRECTOR, GLACIOLOGY DIVISION SHRI. ZAHID MAJEED, SENIOR GEOLOGIST (Alternate)	Y
6.	INDIAN INSTITUTE OF REMOTE SENSING-INDIAN SPACE RESEARCH ORGANIZATION (IIRS-ISRO), DEHRADUN	DR. PRAVEEN K. THAKUR, SCIENTIST/ENGINEER SE DR. PRATIMA PANDEY, SCIENTIST/ENGINEER SE (Alternate)	Y
7.	INDIAN INSTITUTE OF TECHNOLOGY INDORE	PROF MANISH KUMAR GOYAL, PROFESSOR	Y
8.	INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI	PROF RAJIB KUMAR BHATTACHARJYA, PROFESSOR (HAG)	X
9.	MINISTRY OF EARTH SCIENCES, NEW DELHI	DR. VIJAY KUMAR, SCIENTIST 'G'	X
10.	NATIONAL DISASTER MANAGEMENT AUTHORITY, NEW DELHI	SHRI. PIYUSH GOURAV, SENIOR CONSULTANT (GLOF) SHRI ABHISHEK SHARMA, SENIOR RESEARCH OFFICER (Alternate)	Y
11.	NATIONAL CENTRE FOR POLAR AND OCEAN RESEARCH(NCPOR), MOES, GOA	DR. PARMANAND SHARMA, SCIENTIST F	X
12.	NATIONAL REMOTE SENSING CENTRE, HYDERABAD	SHRI B. SIMHADRI RAO, SCIENTIST 'G'/ENGINEER, HEAD WRAD SHRI SAKSHAM JOSHI, SCIENTIST/ENGINEER/SE (Alternate)	Y
13.	NATIONAL INSTITUTE OF HYDROLOGY, ROORKEE	DR. LAVKUSH KUMAR PATEL, SCIENTIST 'D' DR. AKSHAYA VERMA, SCIENTIST 'C' (Alternate)	Y
14.	NATIONAL HYDROELECTRIC POWER CORPORATION, FARIDABAD	SMT MANJUSHA MISHRA, GENERAL MANAGER (CIVIL)	Y

		SMT BHAVYA SHUKLA, MANAGER (CIVIL) (Alternate)	
15.	NATIONAL INSTITUTE OF DISASTER MANAGEMENT, NEW DELHI	PROF SURYA PRAKASH, HEAD GMR DIVISION	X
16.	SIKKIM UNIVERSITY, GANGTOK	DR. RAKESH KUMAR RANJAN, HEAD AND ASSOCIATE PROFESSOR PROF. A. K. MISRA, PROFESSOR (Alternate)	X
17.	UTTARAKHAND STATE DISASTER MANAGEMENT AUTHORITY (USDMA), DEHRADUN	SMT. TANDRILA SARKAR, GEOLOGIST	X
18.	UNIVERSITY OF KASHMIR	DR. IRFAN NEW NOMINATION RECEIVED 10 JULY 2024	X
19.	WADIA INSTITUTE OF HIMALAYAN GEOLOGY (AUTONOMOUS INSTITUTE OF DEPARTMENT OF SCIENCE AND TECHNOLOGY, DEHRADUN	DR. AMIT KUMAR, SCIENTIST C	X

**NOMINATIONS AWAITED**

20	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	NOMINATION AWAITED	-
21	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	NOMINATION AWAITED	-
22	INDIAN METEOROLOGICAL DEPARTMENT	NOMINATION AWAITED	-
23	IISC BANGALORE	NOMINATION AWAITED	-
24	KASHMIR UNIVERSITY	NOMINATION AWAITED	-
25	NTPC LIMITED, NOIDA	NOMINATION AWAITED	-
26	SAC AHMEDABAD	NOMINATION AWAITED	-
27	WATER AND POWER CONSULTANCY SERVICES (INDIA) LTD. (WAPCOS), NEW DELHI	NOMINATION AWAITED	-