

Government of Pakistan
Ministry of Water Resources
Office of the Chief Engineering Adviser/
Chairman, Federal Flood Commission

No. C-1(17)4/2015
PANCID Secretariat

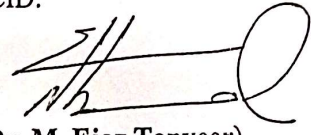
6-Attaturk Avenue, G-5/1,
Islamabad, the August 01, 2025

**Sub: 54th ANNUAL MEETING OF PAKISTAN NATIONAL COMMITTEE ON
IRRIGATION AND DRAINAGE (PANCID) HELD ON 14th JULY 2025**

Enclosed herewith are the minutes of 54th Annual meeting of Pakistan National Committee on Irrigation & Drainage (PANCID) held on 14th July 2025 at 1030 Hours in the Committee Room of Ministry of Water Resources, Islamabad. Respective organizations and concerned officials are requested to take necessary action in the light of the decisions recorded in the minutes.

2. This issues with the approval of CEA&CFFC and Chairman PANCID.

Encl: **As above**


(Dr. M. Ejaz Tanveer)
DEA (C)/SE (F)
Ph 051-9244622

Distribution (PANCID Members):

1. Member (Water), WAPDA House, Lahore. (memberwater@wapda.gov.pk)
2. Chief (Water), Water Resources Section, Planning, Development and Reforms Division, Islamabad. (chief_wr@pc.gov.pk)
3. Secretary, Irrigation Department, Government of the Punjab, Lahore. (secy.id@irrigation.punjab.gov.pk, secretarypb_irrigation@yahoo.com)
4. Secretary, Irrigation Department, Government of Sindh, Karachi. (secy.irrigation@sindh.gov.pk, Jamal.irrigation@hotmail.com)
5. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar. (irrigationpsh@gmail.com) (sodirrg@gmail.com)
6. Secretary, Irrigation Department, Government of Balochistan, Quetta. (ahad.agha@gmail.com)
7. Chairman, Pakistan Council of Research in Water Resources (PCRWR), Islamabad. (pcrwr@comsats.net.pk)
8. Chairman, Pakistan Agricultural Research Council (PARC), Islamabad. (chair@comsats.net.pk)
9. Chairman, Indus River System Authority (IRSA), Islamabad. (ps_chairman_irsat@yahoo.com)
10. Pakistan Commissioner for Indus Waters (PCIW), Islamabad. (pciw.induswaters@gmail.com)
11. D.G, International Water Logging and Salinity Research Institute (IWASRI), Lahore. (iwasri@brain.net.pk)
12. D.G, (FMWC), M/o National Food Security & Research, Islamabad. (dgfwmc@comsats.net.pk, mtahiranwar@yahoo.com)
13. D.G, Pakistan Meteorological Department (PMD), Islamabad. (pakmet@pakmet.com.pk, pakmet_islamabad@yahoo.com)
14. Director, Centre of Excellence in Water Resources University of Engg. & Tech. Lahore. (cewre@cewre.edu.pk)

15. Vice Chancellor, University of Agriculture, Faisalabad. (vcuaf@yahoo.com)
16. Vice Chancellor, Mehran University of Engineering & Technology, Jamshoro. (vc@admin.muett.edu.pk)
17. Vice Chancellor, Balochistan University of Engineering & Technology, Khuzdar. (chairmancivil@buetk.edu.pk)
18. Vice Chancellor, Sindh Agriculture University, Tando Jam. (pstovc@sau.edu.pk)
19. Vice Chancellor, University of Engineering and Technology, Taxila. (vc@uettaxila.edu.pk)
20. Vice Chancellor, University of Agriculture, Khyber Pakhtunkhwa, Peshawar. (vcaup@aup.edu.pk)
21. Vice Chancellor, University of Engineering & Technology, Khyber Pakhtunkhwa, Peshawar. (vc@nwfpuet.edu.pk)
22. President, Pakistan Engineering Congress (PEC), Lahore. (info@pecongress.org.pk)
23. President, Institution of Engineers Pakistan (IEP), Lahore, (iephg@brain.net.pk), hafizqazi@yahoo.com)
24. Managing Director, NESPAK, Lahore. (md@nespak.com.pk)
25. Chairman, Associated Consulting Engineers Pvt. Ltd. Lahore. (corporate@acepakistan.com)
26. Regional Director, Mott. MacDonald Ltd. Karachi. (mmp@cyber.net.com), corporate@mmpakistan.com)
27. Chairman, Pakistan Water Partnership, Islamabad. (indorgo@hotmail.com)
28. NICE-SCEE, National University of Sciences and Technology (NUST), Islamabad. (hamza.gabriel@nice.nust.edu.pk)
29. Secretary/Registrar, Pakistan Engineering Council (PEC), Islamabad. (kmnasir@pec.org.pk)

PANCID Working Group Members:

1. Dr. Mohsin Hafeez, Director Water Food & Eco System, IWMI, Lahore Email: (m.hafeez@cgiar.org).
2. Dr. Usman Khalid Awan, Email: ukawan3@gmail.com
3. Dr. Qazi Tallat Mehmood Siddique, Chief Engineer (DSC), O/o CEA/CFFC, Islamabad. Email: qazitms@yahoo.com
4. Mr. Abdul Haleem Memon, Chief Engineer (HQ) West, WAPDA, WAPDA House, Lahore. Email: haleemmemon500@gmail.com
5. Mr. Ghulam Rasool, Superintending Engineer, Irrigation Department, Government of Punjab, Lahore. Email: rasool21@yahoo.com
6. Malik Muhammad Akram, Director General, Agriculture Department, Government of Punjab. Email: (malikkokhar@gmail.com)
7. Dr. Javaid Hussain, Research Officer, Environment Protection Agency, Balochistan, Email: (javidhussain10@gmail.com).
8. Mr. Ghulam Zakir Siyal, Director, Irrigation Research Institute, Punjab Irrigation Department, Lahore. Email: zakirig@gmail.com
9. Dr. Muhammad Ejaz Tanveer, Deputy Engineer Advisor (Civil)/Superintending Engineer (Floods), O/o CEA/CFFC. Email: engrejazz@hotmail.com
10. Mr. Zafar Iqbal, Superintending Engineer (Floods), O/o CEA/CFFC. Email: zispak2001@gmail.com
11. Mr. Fazal Rehman Kashif, Chief Engineer, NESPAK, Lahore. Email: kashifd5@hotmail.com
12. Engr. Hussain Ahmed, Email: info@peccongress.org, husnainahmad@hotmail.com
13. Dr. Muhammad Ashraf, Email: Muhammad_ashraf63@yahoo.com

Copy to:

PS to Secretary, Ministry of Water Resources, Islamabad.

Government of Pakistan
Ministry of Water Resources
Office of the Chief Engineering Adviser/
Chairman, Federal Flood Commission

MINUTES OF 54th ANNUAL MEETING OF PANCID HELD ON JULY 14, 2025

The 54th Annual meeting of Pakistan National Committee on Irrigation and Drainage (PANCID) was held on **July 14, 2025 at 1030 hours** in the Committee Room of Office of the Chief Engineering Adviser & Chairman Federal Flood Commission, Islamabad. Chief Engineering Adviser & Chairman Federal Flood Commission/ Chairman PANCID chaired the meeting. List of participants is attached as **Annexure-I**.

2. The meeting started with recitation from the Holy Quran. The Chair welcomed the participants and opened discussion on agenda items. Detail of the discussions held during the meeting and decisions taken are given hereinafter.

Item No. 1: Confirmation of the minutes of the 53rd Annual Meeting of PANCID held on 22nd July 2024

3. The Chair informed that minutes of 53rd Annual Meeting of PANCID held on 22nd July 2024 were circulated amongst all members on 31st July 2024. He stated that since no comments had been received from any organization/member, minutes of the meeting would therefore be confirmed. He sought comments, however none of the participant raised any objection and agreed to the minutes already circulated by PANCID Secretariat.

Decision:

Minutes of the 53rd Meeting of PANCID held on 22nd July 2024 were confirmed by the House.

Item No 2: All members to share details of activities carried out by them on request of PANCID Secretariat circulated dated 14th February 2025 regarding organizing the World Water Day

4. The Chair informed the House that World Water Day was observed annually on 22nd March each year with the theme for 2025 being "Glacier Preservation". He stated that, in response to a request from ICID, all relevant PANCID members from research & academic institutions were requested to organize workshops, seminars, brainstorming sessions, consultations, etc and to share their feedback along with pictures for onward submission to ICID. However, to date, no feedback/response was received. He then requested all members to share details of their activities with the House.

5. Deputy Director PCRWR informed the House that World Water Day was organized by them in collaboration with COMSATS. The Assistant Professor, Agriculture University Faisalabad reported that a workshop on Glacier Preservation and judicious use of water was conducted in collaboration with PMD, PCRWR, PARC and Eastern University Sri Lanka. The SRO IWMI also informed that IWMI, in collaboration with PCRWR had also commemorated World Water Day. Further, the Chairman, AED, UET Peshawar informed that a workshop on the Impact of Climate Change on Water Resources Development had been organized by them.

6. The Chair requested all concerned organizations to share details of the events organized by them with the PANCID Secretariat, to facilitate the preparation of a consolidated report for onward submission to ICID. The Chair further requested PEC to organize workshops in connection with World Water Day in the future and share event details with the PANCID Secretariat accordingly.

Decision:

PMD, IWML, PCRWR and AED UET Peshawar will share details of the activities organized by their respective organizations in connection with **World Water Day** with the PANCID Secretariat by 13th August 2025, to enable preparation of a consolidated report for submission to ICID.

Item No. 3: Feedback from Members on PANCID Secretariat's Request (Dated 29th May 2025) Regarding ICID Monthly Progress Report and Circulated ICID Journals

7. The Chair informed the House that ICID had requested all National Committees to provide brief reports on activities undertaken, such as seminars, workshops, webinars, new initiatives, achievements, and research & development work, for inclusion in the ICID Monthly News Update. It was also requested to submit such inputs on monthly basis in future.

8. The Chair stated that PANCID Secretariat circulated a total of four (04) ICID Irrigation & Drainage Journals among all members, requesting their feedback on the usefulness and application of the contents of the Journals. He added that to date, only the Agriculture Department, Government of the Punjab vide its email dated 29th April 2025, had shared its feedback, while responses from other members remain pending.

9. Dr Zakir Sial, Director IRI informed that 144 recharge wells and 03 ponds had been constructed within the bed of the Old Mailsi Canal, while 100 cusecs of floodwater was diverted from Islam Headworks to the canal for groundwater recharge purposes. Additionally, 07 rainwater harvesting structures had been installed at various buildings to enhance groundwater recharge. Also plans were underway to develop 40 additional rainwater harvesting sites in Punjab. He also informed that 50 online data loggers had been installed to monitor groundwater quality.

10. Dr Amjad Masood, CEWRE appraised the House about an International Conference on Water Security and Climate Change had been held on 29-30 January 2025, and speakers from UET, Bahrain Polytechnic Institute, WWF Pakistan, Pakistan Engineering Services, NUST, NESPAK, Chinese Academy of Sciences and various other institutes presented their researches. He shared detailed report of the event.

11. The Chair urged all members to consistently share details of their ongoing activities for inclusion in the PANCID Progress Report, along with their feedback on the ICID Journals.

12. Superintending Engineer, PID KP, briefed the House about the flood protection wall being constructed in Haripur District under a JICA project, where hexagonal concrete blocks were being used for the apron of proposed wall instead of conventional GI wire crates. He desired that the design and construction details of such innovative structures should be shared with relevant organizations. He also suggested that IRI should examine this project and consider incorporating such designs models in future Model Studies.

13. Responding to a query from the Chair regarding relevant ICID Working Group for this kind of activity, Deputy Engineering Adviser (Civil)/ SE (Floods) informed the House that this kind of activity comes under the purview of ICID Working Group on Adaptive Flood Management and he was member of that Working Group. The chair desired that a Workshop with collaboration of PEC and JICA be carried out on this innovative project.

Decision:

- i. All members will share details of activities carried out by their respective organizations by the 5th of each month, covering activities of the preceding month, for inclusion in the PANCID/ICID Monthly Progress Report.
- ii. All members shall provide feedback on the usefulness and practical application of the research published in the ICID Journals and ensure wider circulation among relevant stakeholders, including government organizations, academic institutions, researchers, agronomists, agriculturists, farm owners, and farmer organizations.
- iii. A Workshop on design of the flood protection wall and its apron and other General design specification, being constructed in Haripur District under a JICA project will be organized and information will be shared with all concerned.

Item No. 4: Status of Research Papers/ Research Projects ready for submission in 4th World Irrigation Forum & 76th International Executive Council (IEC) meeting

14. The House was apprised that the 4th World Irrigation Forum (WIF4) and the 76th International Executive Council (IEC) Meeting of ICID were scheduled to be held in Kuala Lumpur, Malaysia from 7th to 13th September 2025, wherein various Working Group meetings would also be convened during the event. It was also informed that detailed schedule was available on the ICID website. All members were requested to share details of research papers or projects ready, if any for submission to the WIF4 and 76th IEC meeting.

15. Dr. Zakir Sial, Director IRI informed that he had submitted abstracts of three research papers for consideration at the WIF4 and 76th IEC meeting of ICID. He further reported that abstracts of two papers, titled "*Groundwater energy food nexus approach for irrigated agriculture and livelihood in Punjab, Pakistan*" and "*Challenges and opportunities in use of modern tools- online data loggers for Groundwater monitoring*" had been approved by ICID, and full-length papers would be submitted shortly. Additionally, the abstract of a third paper titled "*Irrigation sustainability through managed aquifer recharge by diverting flood water- a case study from Punjab Pakistan*" was currently under review by ICID.

Decision:

All members are encouraged to submit their ongoing potential research in the field of irrigation and drainage for publication in the ICID Journals.

Item No. 5: Review of status of participation from PANCID to attend the 4th World Irrigation Forum (WIF4) and 76th International Executive Council (IEC) meeting scheduled to be held from 7-13 September 2025 in Kuala Lumpur Malaysia and discussion on official delegation for participation.

16. Deputy Engineering Adviser (Civil)/ SE (Floods) informed the House that WIF4 and 76th IEC Meeting of ICID were scheduled to held in Kuala Lumpur, Malaysia, from 7th to 13th September 2025. The detailed schedule was available on ICID website. He further apprised that ICID's formal invitation for participation had been circulated to all PANCID members, along with a request to complete their registration and share their participation details with the PANCID Secretariat. However, no response had been received from the members to date.

17. The Chair noted with concern that Pakistan's representation in ICID events had historically been minimal compared to other countries. He proposed that the PANCID Secretariat might consider constituting a formal delegation comprising Working Group members, who were technically the most relevant professionals and well-acquainted with ICID's structure and functioning. The Chair then invited members to share their plans regarding participation in the WIF4 and 76th IEC Meeting. Ms. Ghazala Chanar, Deputy Chief (Water), Ministry of Planning, Development & Special Initiatives (M/o PD&SI), informed that Mr. Asghar Ali Halepoto, Chief (Water), M/o PD&SI, was planning to attend the event and that the case has been submitted for approval. Dr. Zakir Sial, Director IRI, Punjab Irrigation Department, and Mr. Khurshid Asghar, Joint Commissioner Indus Waters (JCIW), O/o PCIW, also expressed their willingness to participate. Accordingly, the following tentative delegation from PANCID was constituted to participate in the event:

- i. Mr. Ather Hameed, Chief Engineering Adviser & Chairman PANCID
- ii. Mr. Asghar Ali Halepoto, Chief (Water), M/o PD&SI
- iii. Dr. Zakir Sial, Director IRI, Punjab Irrigation Department
- iv. Mr. Khurshid Asghar, Joint Commissioner Indus Waters (JCIW), O/o PCIW

Decision:

All nominated delegates will initiate their respective administrative cases for participation and inform the PANCID Secretariat of the final outcome. Furthermore, all delegates will prepare activity report for presentation at the event.

Item No 6: Review of progress/ proceedings of Working Groups of ICID having representation from PANCID

18. The forum was appraised that at present, PANCID members were representing Pakistan in 18 Working Groups of ICID. The chair also apprised that, following the completion of the tenure of the former Chairman PANCID, his own nomination for the Asian Regional Working Group (ASRWG) had been submitted to ICID. During the last online meeting of ASRWG held on 10th May 2025, the nomination was accepted in principle, with formal confirmation to be accorded during the upcoming 76th IEC Meeting of ICID. The Chair also highlighted that, as part of ASRWG activities, a report focusing on Irrigation and Drainage issues in Asia was currently being finalized.

19. Mr. Zafar Iqbal, Superintending Engineer (Floods), O/o Chief Engineering Adviser/Chairman FFC, informed that ICID had recently restructured its Working Groups, consolidating those with overlapping mandates into 11 new Working Groups organized under four strategic themes. He suggested that the PANCID Secretariat may initiate the process of notifying these newly structured Working Groups at the national level, in line with ICID's restructuring.

20. It was also noted that following members were either retired or no longer affiliated with their respective organizations and are therefore not contributing to the activities of their assigned Working Groups:

- i. Engr. Husnain Ahmed – Pakistan Engineering Congress
- ii. Dr. M. Ashraf – Ex-Chairman, PCRWR
- iii. Mr. Malik Muhammad Akram – Agriculture Department, Punjab
- iv. Dr. Javed Hussain – Environmental Protection Agency, Balochistan
- v. Dr. Usman Khalid Awan – IWMI

Decision:

- i. Members who are retired or no longer affiliated with their nominating organizations should be replaced through fresh nominations from relevant institutions by 15th August 2025.
- ii. Thereafter PANCID Secretariat will notify newly structured Working Groups at the national level, in line with ICID's restructuring by 31st August 2025.

Item No. 7: Suggestions from all members to make PANCID a more vibrant forum

21. The Chair appraised the House that the Office of Chief Engineering Adviser & Chairman Federal Flood Commission (O/o CEA & CFFC) serves as the Secretariat for both the Pakistan National Committee on Irrigation and Drainage (PANCID) and the Pakistan National Committee on Large Dams (PANCOLD). He recalled that a Memorandum of Cooperation between the Pakistan Engineering Council (PEC) and O/o CEA/CFFC for Strengthening of Pakistan National Committee on Large Dams (PANCOLD) had been signed on 19th January 2023. Highlighting a key challenge, he noted that the primary constraint faced by PANCID members is the lack of dedicated funding for participation in the international events. He, therefore, requested the representative of Pakistan Engineering Council (PEC) to explore possible support mechanisms to help PANCID effectively carry out its mandated activities.

22. The Additional Registrar, Pakistan Engineering Council, assured that the issue would be presented at the upcoming Think Tank meeting of PEC. He further stated that possible avenues for supporting PANCID would be explored, and the details of feasible actions would be shared with the PANCID Secretariat in due course.

23. Dr. Zakir Sial, Director IRI, suggested that a dedicated scheme for capacity building and awareness-raising on irrigation and drainage challenges could be proposed for funding under the Public Sector Development Programme (PSDP). He also suggested exploring fund generation opportunities from the public and private sectors, as well as NGOs, to support PANCID's activities.

Decision:

PANCID secretariat to approach PEC to make MoU effective and seek support of PEC's Think Tank for possible initiatives for strengthening and making PANCID a more vibrant and active forum.

24. The meeting ended with a vote of thanks to and from the Chair.

.....

LIST OF PARTICIPANTS OF 54th ANNUAL MEETING OF PANCID HELD ON
14th JULY 2025

O/o CEA&CFEC, ISLAMABAD

1. Mr. Ather Hameed
Chief Engineering Adviser &
Chairman Federal Flood Commission/
Chairman PANCID
2. Dr. M. Ejaz Tanveer
Deputy Engineering Adviser (Civil)/
Superintending Engineer (Floods-I)
3. Mr. Zafar Iqbal
Superintending Engineer (Floods-II)
4. Mr. Yawar Rasheed
Assistant Engineer (Civil)

In Chair

PCRWR, ISLAMABAD

5. Mr. Salah ud Din
Deputy Director

IRSA

6. Mr. Jalil Ahmed
Senior Engineer (Operations)

PCIW

7. Mr. Khurshid Asghar
Joint Commissioner for Indus Waters

IWASRI, WAPDA

8. Mr. Raheel Mustafa
Director S&E

PAKISTAN ENGINEERING COUNCIL

9. Engr. Muhammad Ansar
Additional Registrar

PMD, ISLAMABAD

10. Dr. Zaheer Ahmed Baber
Chief Meteorologist

IWMI

11. Ms. Iqra Akram
Senior Research Officer

IRRIGATION DEPARTMENT, GOVERNMENT OF PUNJAB

12. Mr. Kashif Rehan Ahmad
Deputy Director
13. Mr. Abd-ur-Rahim
XEN Small Dam

AGRICULTURE DEPARTMENT, GOVERNMENT OF PUNJAB

14. Mr. Raja Hassan Raza
Director
15. Mr. Zahid Farooq
ADT

IRRIGATION DEPARTMENT, GOVERNMENT OF KHYBER PAKHTUNKHWA

16. Mr. Muhammad Zubair
Superintending Engineer

UNIVERSITY OF AGRICULTURE, FAISALABAD

17. Dr. M. Imran Khan
Assistant Professor
18. Dr. Kashif Mehmood
Lecturer

UNIVERSITY OF ENGINEERING & TECHNOLOGY, PESHAWAR

19. Prof. Dr. Zia ul Haq
Chairman AED

UNIVERSITY OF ENGINEERING & TECHNOLOGY, TAXILA

20. Dr. Mujahid Iqbal
Lecturer

(Online Participants)

M/o PLANNING DEVELOPMENT & SPECIAL INITIATIVES, ISLAMABAD

1. Engr. Ghazala Channar
Deputy Chief (Water)

WAPDA

2. Mr. Alamgir Awan
Chief Engineer, Sukkur Barrage

IRRIGATION RESEARCH INSTITUTE (IRI), PUNJAB IRRIGATION DEPARTMENT

3. Mr. Ghulam Zakir Siyal
Director, IRI

IRRIGATION DEPARTMENT, GOVERNMENT OF SINDH

4. Syed Ali Shah
Superintending Engineer, Small Dams Hyderabad

CENTRE OF EXCELLENCE IN WATER RESOURCES ENGINEERING LAHORE

5. Dr. Amjad Masood
Assistant Professor

NESPAK, LAHORE

6. Mr. Fazal Rehman Kashif
Chief Engineer