

1.1. Activities Performed during 2022

During the calendar year 2022, Civil Engineering Wing of O/o CEA/CFFC performed following functions related to its charter of duties given in the preceding segment.

1.1.1 Technical Scrutiny of PC-Is/PC-IIs of Water Sector Projects

The following project documents (PC-Is/PC-IIs/PC-IVs) were examined and technical comments were forwarded to Ministry of Water Resources, Provincial Governments & other Stakeholder organizations; a single project, sometimes, gets reviewed/evaluated twice/ thrice or even more, till satisfactory compliance to the observations raised by O/o CEA/CFFC is made by the project executing agency: -

Table-1.1: PC-Is/PC-IIs Technically Examined by Civil Engineering Wing

Sr. No.	Name of the Project Scrutinized/ Action taken	Date of Submission to MoWR
1.	PC-I for Sindh Water and Agriculture Transformation (SWAT) Project	4 th January 2022 & 26 th October 2022
2.	PC-I for Chashma Right Bank Canal (Lift-Cum-Gravity Project). Est. Cost Rs. 244,232.46 Million	2 nd , 11 th & 15 th March 2022
3.	PC-I of “Rehabilitation and Improvement of CRBC and Paharpur Canal System in District D.I Khan Estimated Cost Rs. 3,000.00 Million”.	3 rd , 11 th , 18 th & 25 th March 2022
4.	PC-I of “Improvement of Kalri Baghar Feeder and Keenjhar Lake, PCC Lining of Kalri Baghar Feeder upper Project (Phase-I), Estimated Cost Rs. 35,536.18 Million”.	10 th , 18 th & 25 th March & 20 th April 2022
5.	PC-I for Remedial Measures to Control Water Logging due to Muzaffargarh & Taunsa Panjnad Link Canal Project - Consolidated replies to the observations of MoWR on 1 st Revised PC-I were sent to MoWR	16 th April 2022
6.	PC-IV of Raineer Canal Project (Phase-I)	26 th April 2022, & 24 th May 2022
7.	PC-I titled “Improvements of Kalri Baghar Feeder System and Extension of Keenjhar Lake. Estimated Cost Rs. 75,564.300 Million”.	26 th April 2022
8.	PC-I for – Land Compensation of Mardan, Swabi Scarp & Pehur High Level Canal (Defunct) Project”	19 th July 2022
9.	PC-I Form-Land Compensation of Mardan Swabi Scarp & Pehur High Level Canal (Defunct) (June 2022)	5 th Aug & 27 th Sep 2022
10.	Kachhi Canal Project: Pre-Final Feasibility Report for Flood Carrier Channels (FCCS) Phase-I Remaining Works (RD 1005 to RD 1322)	5 th Oct 2022
11.	Greater Karachi Bulk Water Supply Scheme (K-IV) Phase-II-390 MGD; Submission of Position_Paper	28 th Nov 2022

1.1.2 National Water Sharing Issues dealt/ Issues related to NWP

Ministry of Water Resources sought the technical advice of O/o CEA/CFFC on different NWP related issues. Accordingly, feedback was provided by Civil Engineering Wing to MoWR. O/o CEA/CFFC, being Secretariat of NWP-Steering Committee is taking stock on progress made by the concerned departments towards implementation of NWP. Activities taken on issues related to NWP are described here under:

- i. Followed up the matter with concerned agencies on **2nd February 2022** to expedite actions on the decisions recorded in the minutes of “First Meeting of NWP-Steering Committee held on **28th September 2021**”.

- a. Further reminders were issued on **24th February 2022, 9th March 2022** to departments wherefrom the response was not being submitted.
- b. Likewise, similar follow up letters were also issued on **13th June 2022** and **31st October 2022** to PID, Balochistan and PWD, Govt of GB.
- ii. Irrigation Department, Government of Balochistan and GB, PWD was requested on October 31, 2022 regarding “Minutes of First Meeting of National Water Policy (NWP) Steering Committee” held on 28th September 2021.
- iii. In response to a news article published on **31st January 2022** in daily “The News” regarding ‘*Details of Projects to deal with Climate Change*’, Ministry of Climate Change was requested on **3rd February 2022** to submit requisite details.
- iv. Ministry of Water Resources was requested on **15th February 2022** to convey current status on the decisions recorded in the minutes of “National Water Policy – Second Meeting of Steering Committee held on **27th December 2021**”.
- v. Regarding the Islamabad Water Conservation Bill-2022 moved by Ms. Nafeesa Inayatullah Khattak & other MNAs, a detailed presentation for the “24th Meeting of National Senate Standing Committee on Water Resources” was prepared and submitted to MoWR on **19th April, 2022**.
- vi. Effectively participated in ‘National Workshop on Developing Baseline for National Water Policy- Implementation Framework Priority Actions’ organized by Ministry of Water Resources on **29th April 2022**.
 - a. CEA/ CFFC and DEA (Civil) attended the Workshop
 - b. CEA/CFFC moderated Thematic Session-II and made a comprehensive presentation on “Thematic Area-II: Water Resources Management and Conservation: Present & Future Scenarios” - Advance copy of the above presentation was submitted to MoWR on **20th July 2022**
 - c. DEA (Civil) attended the Workshop and prepared subsequently draft proceedings of the Thematic Session-II of the workshop, which were provided to MoWR through U.O Note on **12th August 2022** as the draft input for inclusion in the comprehensive report being prepared by IWMI Pakistan in consultation with MoWR
- vii. Regarding 24th Meeting of National Senate Standing Committee on Water Resources, brief/ presentation on related agenda item alongwith nominations (CEA/CFFC & DEA Civil) were submitted to MoWR on **23rd May, 2022**.
- viii. Views/ comments on “Report on Salinity Policy Review” were submitted to PCRWR on **21st May 2022**.
- ix. At the request of MoWR, views/ comments on Draft template for collecting baseline data regarding target sets in National Water Policy-Implementation Framework (NWP-IF) were submitted to MoWR on **28th May 2022**.
- x. Views/comments were submitted to Ministry of Water Resources on **10th June 2022** regarding Mid-term Review Report of the Water Action Decade: Input from Asian Pacific Consultation.
- xi. Draft TORs were prepared and submitted on **16th June 2022** to PCRWR for formulation of Water Conservation roadmap.

- xii. Presentation on National Consultative Seminar on Ground Water in Pakistan “Making the Invisible Visible” was shared with PEC on **16th June 2022**.
 - a. CEA/CFFC attended the Seminar and delivered aforementioned presentation to the participants.
 - b. Draft speech for the Honourable Federal Minister for Water Resources was also shared on **21st June 2022** who attended the Seminar as the Chief Guest.
- xiii. Views/comments on “National Water Conservation Strategy for Pakistan” were shared with Ministry of Water Resources on **22nd September 2022**. Follow-up letter was issued to all Provinces on **22nd October 2022**.
- xiv. Letter was issued to all Provinces on **5th October 2022** to provide the data regarding “Development of Baseline for NWP Implementation Framework Priority Action”.
- xv. WAPDA was requested to furnish information on draft template for “Development of Baseline for NWP Implementation Framework Priority Action” on **5th October 2022**.
- xvi. Dr. Muhammad Ejaz Tanveer, DEA (Civil) was nominated as Focal Person regarding “Development of Baseline for NWP Implementation Framework Priority Action” – Nomination forwarded to PCRWR on **6th October 2022**.
- xvii. Information obtained from WAPDA regarding Telemetry System was shared with PCRWR on **20th October 2022** for compiling the “Baseline data for NWP-Implementation Framework”.
- xviii. Follow-up letter was issued to Section Officer (Water), Ministry of Water Resources on **1st November 2022** to share update on the compliance status of the decisions taken during “2nd Meeting of NWP-SC” held on 27th December 2021. Matter was again followed up on **7th November 2022**.
- xix. Presentation on the National Water Policy (NWP) and its Implementation Framework (IF) was shared with MoWR on **7th November 2022**.
- xx. Irrigation Department, Government of Punjab, Lahore was requested to share progress regarding “Punjab Barrages Improvement and Rehabilitation Project” on **18th November 2022**. Follow up letter was issued on **21st November 2022**.
- xxi. Provincial Irrigation Department, Government of Punjab was requested to share information regarding actions taken for establishment of Punjab Water Resources Commission, Punjab Water Services Regulatory Authority, Water Pricing, Basin Level Planning and Water Conservation.
- xxii. Irrigation Department, Government of Sindh, Karachi was requested to share progress regarding “Gradual Replacement and Refurbishment of Decades Old Irrigation Infrastructure” on **18th November 2022**. Follow up letter was issued on November 21, 2022 asking to also share information regarding actions taken for establishment of Groundwater Regulatory Authority, Basin Level Planning and Water Conservation.
- xxiii. Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar was requested to share progress regarding “Gradual Replacement and Refurbishment of Decades Old Irrigation Infrastructure” on **18th November 2022**. Follow up letter was issued on **21st November 2022** with the request for sharing also the information regarding actions taken for establishment of

- Groundwater Regulatory Authority, Basin level planning and water conservation.
- xxiv. Irrigation Department, Govt. of Balochistan, Quetta was requested to share progress regarding “Gradual Replacement and Refurbishment of Decades Old Irrigation Infrastructure” on **18th November 2022**. Follow up letter was issued to on **21st November 2022** requesting thereby to also share information regarding actions taken for establishment of Institutional Re- structuring and legal reforms Water Pricing, Basin Level Planning and Water Conservation.
- xxv. Letter was issued to all concerned departments for increasing Renewable Energy of the country in line with Section 3.4 of the National Water Policy regarding “Implementation of National Water Policy: Follow up on Development of Renewable Energy Resources” on **21st November 2022**.
- xxvi. The concerned departments were requested to provide progress regarding “Implementation of National Water Policy: Reducing Conveyance Losses in Canals and Water-use Efficiency in Agriculture Sector” on **21st November 2022**.
- xxvii. Secretary, Agriculture, Livestock & Irrigation, Government of AJ&K Muzaffarabad on **21st November 2022** was reminded regarding progress to be submitted on (i) Implementation of National Water Policy: Follow up on Development of Regulatory Framework, (ii) Establishment of Groundwater Regulatory Authority, (iii) Water Pricing, & (iv) Basin Level Planning & Water Conservation.
- xxviii. Follow up letter was issued to Secretary, Water Management & Irrigation, Government of Gilgit-Baltistan, Gilgit on **21st November 2022** regarding progress on “Implementation of National Water Policy: Follow up on Development of Regulatory Framework”, Establishment of Groundwater Regulatory Authority, Water Pricing, Basin Level Planning and Water Conservation.
- xxix. Irrigation Departments of the four Provinces (Punjab, Sindh, Khyber Pakhtunkhwa and Balochistan), Gilgit Baltistan and AJ&K were requested on **25th November 2022** to provide updated details of projects on Rainwater Harvesting.

1.1.3 Bilateral International Collaborations Dealt during 2022

Following cases relating to Bilateral International Cooperation and MoU’s were dealt during 2022:

Hungary-Pakistan Water Management MOU

1st Bilateral Physical Meeting with the visiting Hungarian Delegation/ Technical Experts Group and their Field Exposure Visits were organized/ hosted by the O/o CEA/CFFC, Ministry of Water Resources of Pakistan from **16-20th May 2022** in Islamabad and Lahore. The In-Person Consultations took place under Pakistan Hungary Water Management MoU that was signed between the Ministry of Interior of Hungary and Ministry of Water Resources of Pakistan on **13th July 2018** followed by the Work Program (2021-23).

The CEA/CFFC and being the designated National Focal Person from Pakistan on MoU implementation, chaired the opening session held on **16th May 2022** which aimed at introduction with high ups of the Ministry of Water Resources and

preliminary meetings focusing on deliberations related to mandate of the Ministry of Water Resources, O/o CEA/CFFC, IRSA and WAPDA. During the opening session, the distinguished delegation members paid a Courtesy visit to office of the Secretary, Ministry of Water Resources of Pakistan.

The 1st Physical Meeting of Joint Expert Group (JEG) notified under MoU on Water Management was held on **17th May 2022** in the committee room of O/o CEA/CFFC, Ministry of Water Resources of Pakistan. It was also attended by the representatives of Ministry of Water Resources, PCRWR, PID, Punjab and WASA Lahore. In order to have a technical field exposure, Hungarian delegates also visited the following important water management related institutions and projects in Pakistan:

- PMD and PCRWR Headquarters and Rawal Dam site at Islamabad on **17th May 2022**
- Khanki Barrage and Irrigation Research Institute, Nandipur in District Gujranwala on **18th May 2022**
- FFD, Lahore and Centre of Excellence in Water Resources Engineering (CEWRE) at UET Lahore on **19th May 2022**; two Professional Engineers from O/o CEA & CFFC accompanied the Hungarian Delegation during their field exposure visits to Districts Gujranwala and Lahore.
- National University of Science & Technology (NUST), Islamabad on the final day i.e. **20th May 2022** in the morning. Focal Person Pakistan side, the CEA & CFFC accompanied the Hungarian delegates.

Wrap up meeting was also held on final day i.e. **20th May 2022** at 1500 Hours, chaired by the Secretary, Ministry of Water Resources of Pakistan. **Excellency Mr. Béla Fazekas**, Ambassador of Hungary in Pakistan graced the occasion as the Guest of Honour. The entire bilateral consultations took place in a cordial atmosphere of mutual understanding, reflecting friendly relations between the two countries and were marked by the desire of both sides to further develop and diversify the technical and economic collaboration in the field of water management.

The supplementary details related to above are given below: -

- i. Ministry of Foreign Affairs was requested on **11th January 2022** for issuance/approval of official invitation to Mr. Peter KOVACS, National Focal Person of Hungarian Side. On the same day, Ministry of Interior was also requested to provide necessary security for the members of the Hungarian Delegation during their stay in Pakistan.
- ii. Follow-up letters for seeking project proposals regarding “Hungarian Tied Aid Credit Facility” were sent to KW&SB, Karachi, PDMA Sindh, WASA Lahore, & CDA Islamabad on **12th January 2022**.
- iii. PCRWR was requested on **14th January 2022** to share details regarding project titled “*Profiling of Wastewater and Piloting Wastewater Treatment in Urban Areas*” for implementation under “Hungarian Tied Aid Credit Facility”.
- iv. Nomination of Resource Person was requested from PCIW for Webinar on Trans-Boundary Cooperation under “MoU on Bilateral Cooperation Hungary- Pakistan Water Management” on **25th January 2022**.

- v. Amendments were conveyed to MoWR regarding “Draft Protocol: 2nd Session of the Pakistan-Hungarian Joint Commission of Economic Cooperation” on **16th March 2022**.

Photographs: Meetings held with Hungarian Experts



Focal Person Pakistan chairing the opening session



Focal Person Hungary Mr. Peter Kovach addressing the opening session



Introductory Meeting held on May 16, 2022 with the visiting Hungarian Experts



Hungarian Expert Mr. Jenó Labdy, Hungarian Telemetry system being used



Concluding Remarks by H.E. Mr. Béla Fazekas, Ambassador of Hungary in Pakistan

- vi. Nomination of Mr. Ahmed Kamal, CEA & CFFC and Mr. Ather Hameed, EA (Civil) was shared with Ministry of Water Resources on **25th March 2022** for participation on the “2nd Session of Pakistan-Hungary Joint Commission (JC)- Plenary session to be held on **28th March 2022**”.
- vii. Through DO letters, IG Police Islamabad, Home Secretary Punjab, CPO Rawalpindi, IG Police Punjab & Chief Commissioner ICT Islamabad were requested to ensure necessary security arrangements for the “Visit of Hungarian Experts to Pakistan under Hungary-Pakistan Water Management MoU” on 7th April 2022.
- viii. On behalf of Government of Pakistan, a formal invitation letter was sent to Mr. Peter KOVACS, Focal Person (Hungarian Side), Water Director, Ministry of Interior, Hungary on **7th April 2022** regarding his visit to Pakistan alongwith other Hungarian Experts from May 16-20, 2022 under Hungary-Pakistan Water Management MoU.
- ix. Irrigation Department, Govt. of the Punjab, PCRWR & PMD were requested on **19th April 2022**, to ensure necessary arrangements for field exposure visit of the “Hungarian Experts to Khanki Barrage, IRI Nandipur and FFD Lahore.”
- x. NUST Institute of Civil Engineering, Islamabad was requested on **25th April 2022** to ensure necessary arrangements for visit of “Hungarian Experts to NUST on May 20, 2022”.
- xi. Assistant Director (Europe-III/ Hungary) in EAD was conveyed on **30th April 2022** the new dates i.e. from May 16-20, 2022 and updated details of Hungarian Delegation to Pakistan under Hungary-Pakistan Water Management MoU.
- xii. Country Director, IWMI, Lahore was requested on **30th April 2022** for necessary support/ facilitation for the “Visit of Hungarian Experts to Pakistan under Hungary-Pakistan Water Management MoU”.
- xiii. Updated Schedule/ Program was shared with Mr. Peter KOVACS, Focal Person (Hungarian Side), Water Director, Ministry of Interior, Hungary on **8th May 2022** regarding visit of Hungarian delegation to Pakistan from May 16-20, 2022 under Hungary-Pakistan Water Management MoU.
- xiv. Members of the Joint Expert Group (JEG) from Pakistan Side were requested on **9th May 2022** to attend “1st Physical meeting of the JEG scheduled to be held on **17th May 2022**” under Hungary-Pakistan Water Management MoU.
- xv. Secretary, MoWR was requested to Chair the wrap-up meeting of visiting Hungarian Experts with Pakistan Side stakeholder scheduled for **20th May 2022** on **13th May 2022**.
- xvi. IG Police Islamabad, Home Secretary Punjab, CPO Rawalpindi, IG Police Punjab & Chief Commissioner ICT Islamabad were requested on **9th May 2022** to ensure necessary security arrangements for the visit of Hungarian Experts to Pakistan under Hungary-Pakistan Water Management MoU.
- xvii. Invitations were sent to IWMI-Pakistan, Chairman PCRWR, Joint Secretary EAD, Director General (Europe-II) MoFA and Chief (Water Resource Section), M/o PD&SI, on **11th May 2022** and **13th May 2022** for the wrap up meeting of visiting Hungarian Experts with Pakistan Side stakeholder held on **20th May 2022**.

- xviii. As per advice of the Secretary, MoWR, Hungarian Experts were requested to deliver presentation on the 'Telemetry System being used in Hungary' wherein concerned stakeholders i.e. IRSA, PCRWR, WAPDA, PMD, M/o PD&SI, PID Punjab, PID Sindh, PID Khyber Pakhtunkhwa, PID Balochistan and IWMI were requested for participation in wrap-up meeting of visiting Hungarian Experts scheduled for **20th May 2022**.
- xix. Focal Person Pakistan Side on Hungary-Pakistan Water Management MoU issued a special invitation to H.E. Mr. Bela FAZEKAS, Ambassador of Hungary in Pakistan on **18th May 2022** for the participation in closing session as a Guest of Honour. Dr. Istan Grafjodi, Commercial Counselor was also requested to participate in wrap up meeting.
- xx. Draft Minutes of the wrap up meeting/ closing session regarding the "Visit of Hungarian Experts to Pakistan under Hungary-Pakistan Water Management MoU" were prepared and submitted to MoWR on **30th May 2022** for approval. Thereafter, Minutes were issued to concerned departments on **1st June 2022**.
- xxi. Follow up letter was issued to IRSA on **4th June 2022** regarding decision of minutes of wrap up meeting of the visiting Hungarian Delegation with Pakistan side stakeholders held on **20th May 2022**. Another follow up was made on **13th June 2022**.
- xxii. Draft proceedings/minutes of the 1st Physical Meeting of JEG, Subsidiary Meetings with Stakeholders & Field Exposure Visits were shared with Hungarian delegation on June 09, 2022 for their approval/ feedback. Thereafter, minutes were circulated among concerned departments on **23rd June 2022**.
- xxiii. In line with decisions of "Wrap up meeting of the visiting Hungarian Delegation with Pakistan side Stakeholders held on 20th May 2022", updated U.O. Note was submitted to Secretary, MoWR on **25th July 2022** to share nominations for – Joint Working Group for Implementation of IRSA's Telemetry System Project.
- xxiv. Notification of Joint Working Group (JWG) formulated for IRSA's Telemetry System project "Automation of 07 Key Sites for Discharging Monitoring" issued on **29th July 2022**. 1st meeting this project specific JWG stands organized by IRSA on 19th January 2023 wherein it was decided that Hungarian side will host a visit of Pakistan delegation to study fist-hand vast hydro-meteorological telemetry network in stalled in Hungary. Matter was being followed up by IRSA.

Sino-Pakistan Smart Water Management Project (SP-SWMP)

- i. MoWR was requested on **15th February 2022** to pursue the matter with EAD for obtaining commitment of the donor for implementation of the project "Sino Pakistan Smart Water Management Project (SP-SWMP)".
- ii. Dean, College of Hydrology and Water Resources, Center of Global Change and Water Cycle, Hohai University, Xiang Road, Nanjing, China was requested to expedite the case regarding commitment of funding for "SPSWMP" on **15th February 2022**.
- iii. Flood Section, O/o CEA/ CFFC was intimated on **25th February 2022** about "Briefing material & updated details regarding the level of Pakistan's Cooperation with UN-ESCAP in different areas".

Miscellaneous Cases

- i. Following project proposals regarding possible funding from “D-8 Project Support Fund (D-8)” were shared with MoWR on **25th February 2022**.
 - a. Dam Break Studies & Emergency Preparedness Action Plan for Mangla & Tarbela, Estimated Cost EURO € 1.50 Million.
 - b. Urban Flood Management through Rainwater Harvesting and downstream Flood reduction in Islamabad Region, Estimated Cost EURO € 0.50 Million.
 - c. Study to address Urban Flooding Problems in Major Cities of Pakistan in line with NFPP-IV, Estimated Cost EURO € 2.50 Million.
- ii. Follow up letter was issued to Section Officer (China-II) EAD on **24th June 2022** to share updated status regarding Sino Pakistan Smart Water Management Project (SPSWMP).
- iii. Matter was taken up on **27th June 2022** with Additional Secretary (Tech), PID, Punjab, Lahore to share the proposal “Pakistan-Turkey Bilateral Cooperation in Water Sector (Strategic Economic Framework) Grant-in-Aid Proposal on the Analogy of “1000 Reservoirs in 1000 days” Turkish Initiative”.
- iv. On the request of MoWR, proposals for “Pakistan-Turkey Bilateral Cooperation in Water Sector (Strategic Economic Framework)” were shared with the Joint Secretary (Admin,) MoWR on **5th July, 2022**.
- v. Proposals for “Foreign Minister’s Visit to Norway” were shared on **4th August 2022** with MoWR
- vi. Proposals for “Foreign Minister’s Visit to Denmark” were shared on **19th August 2022** with MoWR.
- vii. Proposals for “6th Round of Pakistan-Spain Annual Bilateral Political Consultations” were shared with MoWR on **30th August 2022**.

1.1.4 Key Events/Meetings/Seminars/ Workshops Attended

The important/ high level meetings attended by the Senior Officers of Civil Engineering Wing are given below in **Table-1.1**.

Table-1.2: Detailed of Meetings/Seminars/Workshops Attended

Sr. No.	Description/ Meeting/ Workshop Title	Date of Meeting	Attended By
1.	Fourth informal consultation/ review of the conference structure of United Economic and Social Commission for Asia and PACIFIC (UNESCAP) -Hybrid Meeting	27 th January 2022	EA (Civil)
2.	Senate Standing Committee on Water Resources.	28 th January 2022	CEA & CFFC
3.	Senate Standing Committee on Water Resources.	25 th February 2022	CEA & CFFC & EA (Civil)
4.	23 rd meeting of the National Assembly’s Standing Committee on Water Resources	7 th March 2022	CEA & CFFC & EA (Civil)

Sr. No.	Description/ Meeting/ Workshop Title	Date of Meeting	Attended By
5.	National Workshop on Developing Baseline for National Water Policy-Implementation Framework priority actions.	29 th April 2022	CEA & CFFC
6.	Consultative Workshop: To Enhance Capacity on Climate Adaptation and Resilience for the Water Sector in Pakistan - Hybrid Mode.	17 th August 2022	Senior Engineer (Floods-I) & Sr. Engr. F-II
7.	Building Capacity to Advance National Adaptation Plan Process in Pakistan Consultation on “Climate Projections and Climate Risk Assessment and Institutional Capacity Assessment and Climate Information System	18 th August 2022	Senior Engineer (Floods-I)
8.	Multi Hazard Risk Loss and Damage Assessment Framework: Consultative Conference in Kathmandu Nepal	8 th -9 th December 2022	Superintending Engineer (Floods)
9.	Seminar on “Role of Space Technologies for sustainable Socio Economic Development of Pakistan”	19 th December 2022	Superintending Engineer (Floods)

1.1.5 Key Events/Meetings Organized by Civil Engineering Wing

The meetings organized by Civil Engineering Wing during the reporting period are given below in Table-1.2;

Table-1.3: Meetings Organized by the Civil Engineering Wing

Sr. No.	Description/ Meeting Title	Date of Meeting
1.	2 nd Meeting of 1 st Revised PC-I for Remedial Measures to Control Water Logging Due to Muzaffargarh & Taunsa Panjnad Link Canal Project	17 th February 2022
2.	3 rd Meeting of the Evaluation Committee regarding “1 st Revised PC-I for Remedial Measures to Control Water Logging due to Muzaffargarh & Taunsa Panjnad Link Canal Project”	8 th April 2022
3.	1 st Joint Meeting of Working Groups of PANCID	12 th April 2022
4.	1 st Bilateral Physical Meeting under Hungary Pakistan Water Management MoU	16-20 th May 2022
5.	Meeting of Technical Committee Constituted to Finalize Baseline & Targets for Sharing Implementation Status of Water Sector Related SDGs Indicators	22 nd August 2022
6.	Committee Constituted for PC-I of Strengthening and Capacity Building of Office of CEA/CFFC	29 th September 2022

1.4.6. Role as PANCID Secretariat

The purpose of PANCID is to promote the aims and objectives of ICID in Pakistan and act as the liaison body for ICID activities by exchanging technical information with ICID and its member countries on irrigation, drainage and flood control. The PANCID is mandated to organize specialized and regional ICID conferences on matters relating to irrigation, drainage and flood control, either independently or in association with other organizations. The Committee encourages the submission of papers for presentation at ICID congresses, conferences, symposia and workshops. Following actions were taken as PANCID Secretariat:

- i. Members of Joint Working Groups (JWG) were reminded for submission of CVs to PANCID Secretariat on 6th January 2022.
- ii. “Amended Constitution of Pakistan National Committee on Irrigation & Drainage (PANCID” as approved by the Committee (PANCID), was circulated among all the stakeholders on 17th January 2022.
- iii. As a follow-up of 51st Annual Meeting of PANCID, Vice Chancellor, Balochistan University of Engineering & Technology, Khuzdar, Chairman, ACE Pvt. Ltd, Lahore and Vice Chancellor, University of Agriculture, Faisalabad were conveyed concerns regarding their inactive nature in PANCID activities on 25th January 2022 and ask their willingness for continuing their “Membership of PANCID” or otherwise.
- iv. As a follow-up of decisions taken during the 51st Annual Meeting of PANCID, “Notification regarding Working Groups of ICID from PANCID” was issued on 1st February 2022.
- v. Requisite details were asked from Members of PANCID on 10th March 2022 for election for the “office of three vice presidents of ICID for term 2022-25”.
- vi. “Call for Papers for various workshops of ICID to be held on October 3-10, 2022 in Adelaide, Australia during 4th ICID Congress and 73rd IEC meeting of ICID” were requested from PANCID members on 29th March 2022.
- vii. Nominations of Mr. Ahmed Kamal, CEA & CFFC and Mr. Ather Hameed, EA (Civil) were shared with ICID on 30th March 2022 for session “Water & Food” to be discussed in the 4th Asia Pacific Water Summit (APWS) scheduled to be held on 24th April 2022.
- viii. On the request of Ministry of Water Resources, requisite input for the video message of the Honourable President of Pakistan was shared to MoWR on 31st March 2022 regarding “4th Asia Pacific Water Summit in Kumamoto, Japan (23-24 April 2022)”
- ix. As a follow-up of decisions taken during the 51st Annual Meeting of PANCID, a “Joint meeting of Working Groups of PANCID is to be organized on 12th April 2022”. Notice of meeting & Working Paper were shared with PANCID members on 31st March 2022.
- x. “Full length Paper (Pakistan) for the 24th ICID congress in October 3-10, 2022 at Adelaide, Australia” was requested from PANCID members on 30th March 2022.
- xi. Ministry of National Food Security & Research, Agriculture Departments of four Provinces (Punjab, Sindh, Balochistan & KHYBER PAKHTUNKHWA) were asked to submit report on 1st April 2022 regarding “Contribution of Agricultural water to the Rural Development in Asia”

- xii. Matter was followed up with PANCID Members on 4th April 2022 for submission of “Papers for following workshops of ICID”
- a. International workshop on “Public-Private-Partnership (PPPs) in Irrigation and drainage Operation and Maintenance toward sustainable Irrigated Agriculture Water Management”
 - b. International Workshop on “The Water-Energy-Food-Nexus: Implementation and Examples of Applications”.
 - c. International Workshop on “Modernizing Irrigation and Drainage Services”.
 - d. International Workshop on “Managing on the Regional, State or Local Level, Water Scarcity Resulting from Conflicting Demands”.
 - e. International Workshop on “Nonconventional Irrigation in High Value Agriculture – Application of Modern Technologies”.
- xiii. Group members of WG-M&R were asked on **5th April 2022** to fill in the “Questionnaire “Norms and Process for O&M of Irrigation System” -WG- M&R” and submit to this office for onward submission to ICID.
- xiv. At the request of ICID, requisite updated brief related to Baloki Barrage was submitted to ICID on **8th April 2022** regarding “Compendium of WHIS-Pakistan”
- xv. “1st Joint Meeting of Working Groups of PANCID” was organized by this office on 12th April 2022. Minutes were issued to all the stakeholders on **15th April 2022** for taking necessary actions on the decisions reflected in the minutes.
- xvi. At the request of ICID, updated mailing list of Office Bearers, Founding & Executive Member Organizations and Working Body Members, was submitted to ICID on **26th April 2022** regarding distribution of soft & hard copies of Irrigation & Drainage Journals of ICID.
- xvii. “Full Length Paper (Pakistan) for the 24th ICID Congress in October 2022 at Adelaide Australia” were requested from PANCID members for onward submission to ICID on **28th April 2022**.
- xviii. On the request of ICID, progress report related to activities of PANCID Secretariat was submitted to ICID on **29th April 2022** for inclusion in “ICID Annual Report 2021-22”.
- xix. Members of PANCID were reminded on **30th April 2022** for submission of nominations for ICID’s election for the “office of three vice presidents of ICID for term 2022-25”.
- xx. As a follow-up of “1st Joint Meeting of Working Groups of PANCID”, Dr. Usman Khalid Awan, Water Specialists, IWMI Lahore was requested to convey concurrence or otherwise on **30th April 2022**.
- xxi. PANCID members were informed on **24th May 2022** about “Call for Papers (Pakistan) for the 4th World Irrigation Forum, 16-22 April 2023 at Beijing, China”
- xxii. Ministry of National Food Security and Research and Agriculture Departments of four Provinces (Punjab, Sindh & Balochistan) were reminded on **25th May 2022** to submit report regarding “Contribution of Agricultural water to the Rural Development in Asia” for onward submission to ICID.

- xxiii. Nomination of Mr. Zafar Iqbal, DEA (Civil) was shared with ICID on 27th May 2022 to attend the “Young Professional Training Program during 24th ICID Congress in October 2022, Australia”.
- xxiv. Matter was followed-up with PANCID members on **28th May 2022** for submission of “Papers for various workshops of ICID to be held on October 3-10, 2022 in Adelaide, Australia during 4th ICID Congress and 73rd IEC meeting of ICID”
- PANCID members were requested on 30th May 2022 to share “Papers International Workshops of WG-SDTA and WG-AFM October 2022”
- xxv. Nomination of Mr. Basit Hussain, Sub Engineer (Civil) was shared with ICID on **31st May 2022** to attend the “Young Professional Training Program during 24th ICID Congress in October 2022, Australia”.
- xxvi. Matter was taken up with Dr. Usman Khalid Awan, Water Resources Specialist IWMI, Lahore on **9th August 2022** regarding decisions of minutes of 1st Joint meeting of Working Groups of Pakistan National Committee on Irrigation & Drainage (PANCID).
- xxvii. Matter was followed up with Admn Wing of this office on **13th June 2022** regarding Annual Subscription Fee of ICID for the year 2022 and Arrears. Another reminder issued on 21st June, 2022.
- xxviii. All PANCID members were requested on **16th August 2022** to share papers for 4th World Irrigation Forum scheduled from April 16-22, 2023 Beijing, China.
- xxix. In compliance of decision taken in Annual Meeting of PANCID, nominations of PANCID members for various working Groups of ICID were shared with Secretary General of ICID on **20th June 2022**.
- xxx. All PANCID members were requested on **24th June 2022** to share papers for International Workshop on Non-Conventional Irrigation in High Value Agriculture – Application of Modern Technologies scheduled for October 04, 2022 Adelaide, Australia.
- xxxi. All PANCID Working Group members were requested on 27th June 2022 for registering themselves for 24th ICID Congress & 73rd IEC Meeting, October 3-10, 2022, Adelaide Australia.
- xxxii. All PANCID members were requested on **28th June 2022** to share nominations for the Water Save Awards & Recognition of World Heritage Irrigation Structures (WHIS) 2022 for onward submission to ICID.
- xxxiii. Nomination of CEA/CFFC & Chairman, PANCID was shared with ICID on **30th June 2022** for “International Review Committee being formulated for Fourth World Irrigation Forum (WIF4) April 16-22, 2023, Beijing, China.
- xxxiv. Follow up letter was issued to all PANCID members on **6th July 2022** about “Call for Papers for 4th World Irrigation Forum scheduled from April 16-22, 2023 Beijing, China”.
- xxxv. Updated figures regarding Total Agricultural Area, Arable Area, Cultivated Area and Cropped Area of Pakistan were shared with ICID on **14th July 2022** for inclusion in ICID Annual Report 2021-22.
- xxxvi. U.O. Note and Summary for Prime Minister were issued to Deputy Secretary (Admn) M/o Water Resources on **18th July 2022** for obtaining approval for visit of CEA/CFFC for attending 24th ICID Congress and 73rd IEC Meeting to be held from October 03-10, 2022, Adelaide, Australia.

- xxxvii. Nomination of Mr. Basit Hussain for participation in ICID Working Group meeting for “Managing Water Scarcity under conflicting Demands (WG-MWSCD) & Adaptive Flood Management (WG-AFM)” shared with ICID on **21st July, 2022**.
- xxxviii. ICID was requested on **27th June 2022** to share Invoice for Payment of Registration Fee for participation in “24th ICID Congress and 73rd IEC meeting in Adelaide Australia scheduled from 3-10 October 2022”. (In respect of Chairman PANCID).
- xxxix. Follow up letter was issued to Agriculture Department, Government of Balochistan on **29th July 2022** to submit report on “Contribution of Agriculture Water to the Rural Development in Asia”.
- xl. PANCID members were requested to participate in “Webinar on Advanced Micro Irrigation Technology with Precision Water and Salt Management” organized on August 25, 2022 by ICID.
- xli. CV and photograph of CEA/CFFC were shared with ICID on **15th August 2022** after his nomination as member of ICID’s Review Committee for 4th World Irrigation Forum being organized in April 2023 in Beijing China.
- xl.ii. Follow up email was issued to ICID on **12th August 2022** to convey an Invoice of the Registration Fee regarding participation of Mr. Ahmed Kamal, CEA/CFFC for “Participation in the 24th ICID Congress and 73rd IEC Meeting scheduled from 3-10 October 2022, Adelaide, Australia”. Matter was followed up on August 24, 2022.
- xl.iii. Follow up letter was issued to Agriculture Department, Government of Balochistan and Ministry of National Flood Security & Research on August 30, 2022 regarding “Report on Contribution of Agricultural Water to Rural Development in Asia”
- xl.ii. Follow up email was issued to ICID on **2nd September 2022** to share an Invoice of the Registration Fee regarding participation of Mr. Ahmed Kamal, CEA/CFFC in “24th ICID Congress and 73rd IEC Meeting scheduled from 3-10 October 2022, Adelaide, Australia”.
- xl.v. Nomination of Mr. Ahmed Kamal, CEA/CFFC, Mr. Ghulam Zakir Sail, Director IRI and Mr. Basit Hussain, Sub Engineer (Civil) were shared with ICID on **9th September 2022** for participation in the “Meeting of NC Representative with Office Bearers, scheduled for 4th October 2022, in Adelaide”.
- xl.vi. D.O letter was issued to President ICID on **4th October 2022** October 04, 2022 for nominating Dr. Mohsin Hafeez, Country Director, IWMI as Head of PANCID Delegation for “24th ICID Congress & 73rd IEC Meeting scheduled from 3-10 October 2022 in Adelaide, Australia”.
- xl.vii. PANCID members were requested on **5th October 2022** to share abstracts of papers for “10th International MCRO Irrigation Conference scheduled for January 2023 in Morocco”.

Circulation of ICID’s Irrigation & Drainage Journals and Call for submission of Papers

- i. “Irrigation and Draining-Journals (Volume 70, Number 5, December 2021)” was shared with Members of PANCID on **4th January 2022**.

- ii. “Irrigation and Draining-Journals (Volume 71, Number 1, February 2022)” was shared with Members of PANCID on **29th March 2022**.
- iii. “ICID’s Irrigation and Draining-Journal (Volume 71, Number 2 April 2022)” was shared with Members of PANCID on **25th May 2022**.
- iv. “Irrigation and Drainage-Journals (Volume 71, Number 3, July 2021)” was circulated in hard/soft form among the PANCID Members on **19th August 2022**.
- v. “Irrigation and Drainage-Journals (Volume 71, Number 4, October 2022 & Volume 71, Number S1, October 2022)” were circulated in hard/soft form among the PANCID Members on **18th November 2022**.