

MOST IMMEDIATE
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Government of Pakistan
Ministry of Water Resources
Office of the Chief Engineering Adviser &
Chairman Federal Flood Commission

No. FC-1(2) TIKa/2026 .

6 -Ataturk Avenue G 5/1,
Islamabad the August 20 , 2026

1. Director General, Pakistan Meteorological Department, Islamabad.
2. Member (Water) WAPDA, WAPDA House, Lahore.
3. Secretary, Irrigation Department, Government of the Punjab, Lahore.
4. Secretary, Irrigation Department, Government of Sindh, Karachi.
5. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
6. Secretary, Irrigation Department, Government of Balochistan, Quetta.
7. Director General, Irrigation & Small Dams, Government of AJ&K, Muzaffarabad.
8. General Manager (HRM), WAPDA House, Lahore.
9. Project Director (H&R) Directorate, WAPDA, CTML Building, WAPDA Town, Lahore.
10. Director, Irrigation & Water Management Department, Gilgit.

**Sub: - MINUTES OF MEETING REGARDING STAKEHOLDER CONSULTATION TO
PRIORITIZE THE FIELD OF TECHNICAL COOPERATION WITH TIKa IN FLOOD
MANAGEMENT, CLIMATE RESILIENCE AND EARLY WARNING SYSTEMS
HELD ON 18TH AUGUST 2026**

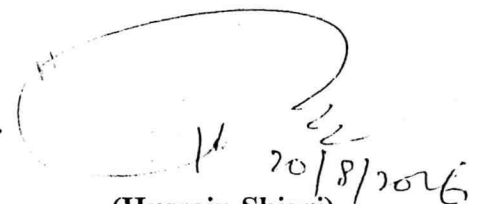
Kindly find enclosed herewith copy of the minutes of the subject meeting held on
18th August 2026 at 1100 hours, in Committee Room of FFC, under the chairmanship of the CEA
& CFFC.

All concerned organizations are advised to ensure prompt compliance of the decisions
reflected therein within the given timeframe.

This issues with the approval of the CEA & CFFC.

Encl: As above

MIF


(Hussain Shigri)
Senior Engineer (Floods)

Copy to:

1. Member (DRR), NDMA, Islamabad.
2. Special Secretary (Technical), Irrigation Department, Government of Sindh, Karachi.
3. Chief Engineer (D&F), Irrigation Department, Government of the Punjab, Lahore.
4. Chief Engineer (North), Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar.
5. Provincial Coordinator, Irrigation Department Government of Balochistan, Quetta

Sub: **MINUTES OF MEETING REGARDING STAKEHOLDER CONSULTATION TO PRIORITIZE THE FIELD OF TECHNICAL COOPERATION WITH TİKA IN FLOOD MANAGEMENT, CLIMATE RESILIENCE AND EARLY WARNING SYSTEMS**

A meeting regarding stakeholder consultation to consider/ review the fields of technical cooperation in flood management, climate resilience and early warning systems through Grants by Turkish Cooperation and Coordination Agency (TİKA) held on 18th August 2026 in the Committee Room of office of the Chief Engineering Adviser/ Chairman, Federal Flood Commission (O/o CEA/ CFFC) under the chairmanship of CEA/CFFC. List of participants is attached at **Annexure-I.**

2. The meeting started with the recitation of verses from the Holy Quran. After introduction, the Chair welcomed the participants and apprised the forum that the Economic Affairs Division (EAD), vide communication dated 16 July 2026, had conveyed TİKA's interest in extending technical cooperation to Pakistan in the areas of flood management, hydrological and meteorological monitoring, flood forecasting, climate resilience and related technical fields. TİKA has identified the following areas for possible cooperation which include (i) Pilot River Basin Cooperation; (ii) Capacity Building on Flood Hazard Mapping and Nature-Based Solutions; (iii) Flood Forecasting and Early Warning Systems; (iv) Glacial Hydrology and GLOF Risk Management; (v) Topographic Mapping and Hydraulic Analysis; (vi) Expansion of Hydro-Meteorological Monitoring Networks; (vii) Integration of Nature-Based and Structural Flood Mitigation Measures; and (viii) Advanced Meteorological Forecasting and Data Analysis.

3. The Chair emphasized the importance of adopting a coordinated national approach rather than submitting isolated or overlapping proposals. It was agreed that the FFC would serve as the coordinating focal point for receiving, reviewing, rationalizing and consolidating proposals received from the concerned stakeholders. The consolidated proposal would subsequently be processed through the Ministry of Water Resources and EAD for onward submission to TİKA.

4. The forum noted that certain initiatives with TİKA were already under consideration. In particular, PMD/ FFD's proposal for 10 Automatic Weather Stations (AWS), while, following the visit of Turkish technical experts to Pakistan from 4-8 May 2026 and WAPDA's proposal of (10) Flood Telemetry Stations submitted by H&R Directorate, WAPDA.

5. Representative of PMD indicated that it would review and where necessary, update its earlier proposal, including requirements relating to AWS, hydro-meteorological monitoring, forecasting, data analysis and capacity building. WAPDA also highlighted opportunities for technical cooperation in hydrological monitoring, modelling, telemetry, field equipment and specialized training. The participants agreed that such interventions should be developed on the basis of identified institutional and field-level gaps.

6. The forum also discussed Glacial Hydrology and GLOF Risk Management, particularly the need for improved monitoring of potentially hazardous glacial lakes, relevant hydro-meteorological parameters, modelling and early-warning arrangements. It was agreed that concerned organizations, including WAPDA, NDMA, GBDMA and PMD should coordinate in

identifying technically justified interventions for monitoring, modelling, field equipment and capacity development of GLOF and share their proposal for consideration by TIKa.

7. Representatives of the Provincial Irrigation Departments emphasized the importance of River-basin management, Nature-Based Solutions, flood protection and hill-torrent/flash-flood management. Specific vulnerable river basins and flood-prone areas would be proposed.

8. The Chair further emphasized that considering likely limited resources, priority should be given to interventions that address critical gaps, provide tangible improvements in flood management and early warning, strengthen institutional capacity and have potential for replication or scaling up. For scrutiny and consolidation of proposals at FFC level, the Chair advised all stakeholder to prepare the proposal as per the standard template attached at **Annexure-II**.

9. After thorough discussions and deliberations, the following decisions were taken:

- i. PIDs/ FLAs shall review the eight areas identified by TIKa, prepare proposals and share with FFC latest by 25th August 2026.
- ii. Each proposal shall clearly indicate the lead institution, scope, objectives, technical assistance required from TIKa, expected outputs, implementation arrangements, tentative timeline, estimated resource requirements and Pakistan's contribution.
- iii. FFC will undertake preliminary scrutiny and, where necessary, convene a follow-up coordination meeting to rationalize overlapping proposals, prioritize high-impact interventions and finalize the consolidated cooperation framework.
- iv. FFC will thereafter prepare Consolidated Technical Cooperation Proposal for consideration of the Ministry of Water Resources and onward submission to TIKa through EAD.

10. Meeting ended with the vote of thanks from the Chair

STAKEHOLDER CONSULTATION TO PRIORITIZE THE FIELD OF TECHNICAL COOPERATION IN FLOOD MANAGEMENT, CLIMATE RESILIENCE AND EARLY WARNING SYSTEMS THROUGH GRANTS BY TKA HELD IN FFC ON 18TH AUGUST 2026

LIST OF PARTICIPANTS

FEDERAL FLOOD COMMISSION, ISLAMABAD

1. **Mr. Ather Hameed**
Chief Engineering Advisor & Chairman FFC
2. Mr. Hussain Shigri
Senior Engineer (Floods)
3. Mr. Salman Alam
Junior Engineer Civil (PCMU)
4. Mr. Ahmad Saeed
Junior Engineer Civil (PCMU)
5. Malik Hussain Muzaffar Awan
Junior Engineer Civil (PCMU)
6. Ms. Aniq Murtaza
Junior Engineer Civil (PCMU)

In Chair

PAKISTAN METEOROLOGICAL DEPARTMENT (PMD), ISLAMABAD

7. Mr. Sabir Khan
Focal Person

WAPDA, LAHORE

8. Mr. Aijaz Hussain
Chief Engineer (H&WM)

NDMA, ISLAMABAD

9. Mr. Abdul Hanan
Deputy Manager
10. Mr. Junaid Aziz
DM GIS

PID PUNJAB, LAHORE (ON LINE)

11. Mr. Shaukat Hayat Virak
Chief Engineer (D&F)

PID SINDH, KARACHI (ON LINE)

12. Mr. Kapil Dev
XEN

PID KP, PESHAWAR (ON LINE)

13. Mr. Khalid Khattak
Superintending Engineer HQ South

WATER MANAGEMENT & IRRIGATION DEPARTMENT, GILGIT BALTISTAN

14. Engr. Abdul Haseeb

FFD LAHORE (ON LINE)

15. Mr. Saqib Hussain
Deputy Director

16. Mr. Atif Irshad
Meteorologist

17. Syed Adeel Abbas
Meteorologist

18. Mr. Usman Ali
Programmer

19. Mr. Muhammad Iqbal
Assistant Meteorologist

a. Background and justification:

A brief description of the existing situation, institutional requirements, deficiencies/gaps and justification for seeking technical cooperation from TİKA.

b. Objectives:

Clearly defined objectives and expected outcomes of the proposed cooperation.

c. Scope of cooperation:

Specific activities, studies, training, technical assistance or other interventions proposed under the cooperation.

d. Turkish technical assistance required:

The specific expertise, technology, training, institutional cooperation, equipment or knowledge transfer expected from TİKA/Turkish institutions.

e. Proposed activities:

A clear description of the activities proposed to be undertaken, including field visits, technical studies, capacity building, pilot implementation, modelling and institutional development, as applicable.

f. Expected outputs and deliverables:

The tangible outputs expected from the cooperation, such as flood hazard maps, hydraulic models, monitoring stations, forecasting systems, technical manuals, training programmes, feasibility studies, pilot projects or institutional capacity enhancement.

g. Proposed implementation arrangements:

The proposed Pakistani counterpart institution, Turkish counterpart institution, focal persons, coordination mechanism and possible implementation arrangements.

h. Duration and tentative timeline:

An indicative timeframe for implementation, including major milestones.

i. Financial requirements:

An indicative estimate of the financial requirement, clearly distinguishing between equipment, technical assistance, training, field activities and other components, where applicable.

j. Contribution of Pakistan:

Details of facilities, manpower, data, land/site, infrastructure, counterpart funding or other support that may be provided by the Pakistani side.

k. Expected benefits:

The anticipated contribution of the proposal to flood risk reduction, disaster resilience, water resources management, institutional capacity and protection of communities and infrastructure.

l. Possibility of replication/scaling-up:

Where the proposal is pilot in nature, the possibility of extending or replicating the intervention in other river basins, provinces or regions should also be indicated.