

Training workshop on basic concepts and principles of Integrated Water Resources Management (IWRM) in district Okara

Date: Thursday, June 22, 2023

Venue: IWMI Okara Office

Background

Water scarcity is a challenge for Pakistan, and it can have disastrous impacts on the economy and society at large. The Government of Pakistan has considered water as a complex and multi-dimensional problem. Water scarcity disproportionately affects women and other vulnerable segments of society.

To address water-related challenges and strengthen capacities to manage water resources at the federal, provincial, and district level, the International Water Management Institute (IWMI) Pakistan is implementing the UK Aid-funded Water Resource Accountability in Pakistan (WRAP) Programme Component 1: Climate Resilient Solutions for Improving Water Governance (CRS-IWaG).

The long-term goal of the programme is to improve water governance through climate resilient solutions by introducing federal and Punjab-level climate-smart interventions. It will also generate evidence for implementing the national and Punjab-level climate and water policies.

The WRAP Programme Component 1: CRS-IWaG has three main components:

Component 1: Improving water governance in the Indus Basin to support the implementation of national policies (water and climate change).

Component 2: Better 'use' of water within Punjab province and how it is shared around priority 'usage' areas to support the implementation of Punjab Water Act 2019.

Component 3: Dissemination of key findings through multiple forums and capacity development activities of key government institutions and the private sector to advocate for up-scaling technical interventions to support diversity and inclusion through improving water governance.

About the workshop

The Punjab Water Act 2019 supports improved allocation of water resources among competing users under the principles of Integrated Water Resources Management (IWRM). The need for effective water management has become a major challenge and is more pronounced than ever before. An effective water allocation system is required to meet the water demands of various water users. The Government of Punjab under the Punjab Water Act 2019 is establishing a water allocation system for multiple sectors (agriculture, domestic, industrial, forestry, and environment) in Okara district.

The presence of multiple sectors (agriculture, domestic, industrial, forestry, and environment) in Okara district make water allocation planning a competing and complex task. With this background, IWMI Pakistan is building the capacity of relevant stakeholders on IWRM for better allocation of water resources among various sectors in Okara district.

IWMI Pakistan is organising a “Training Workshop on basic concepts and principles of Integrated Water Resources Management (IWRM) in district Okara” to build a cadre of mid-career professionals at the district and tehsil level, to develop their skills and to understand the planning process of better water allocation using IWRM approach.

Date: Thursday, June 22, 2023

Timings (PKT): 8:30 – 15:00

Venue: IWMI Okara Office, inside On Farm Water Management (OFWM) Research Farm, Renala Khurd, Okara district

Objectives

- Capacity building of mid-career professionals at the district and tehsil level in Okara.
- Build an understanding among the workshop participants on the key principles of IWRM.
- Contribute towards better water allocation using IWRM approach.

Target Audience

Punjab Irrigation Department (PID), On Farm Water Management (OFWM), Public Health Engineering Department (PHED), Tehsil Municipal Administration (TMA), Local Government department, and academia.

Agenda

Time (PKT)	Activity	Presenter
8:30 – 9:00	Registration	
9:00 – 9:05	Recitation	
9:05 – 9:15	Welcome remarks	Dr. Habib Ullah Habib Director – On Farm Water Management (OFWM) Research Farm (Renala Khurd) OFWM Punjab
9:15 – 9:30	IWMI introduction and overview of Water Resource Accountability in Pakistan (WRAP) Programme Component 1: Climate Resilient Solutions for Improving Water Governance (CRS-IWaG)	Dr. Jahanzeb Masud Cheema Researcher – Water Resources Management/ Deputy Team Leader, WRAP Programme Component 1: CRS-IWaG IWMI Pakistan
9:30 – 10:30	What is Integrated Water Resources Management (IWRM)? Basic concepts and challenges	Dr. Muhammad Arshad Researcher - IWRM Specialist IWMI Pakistan
10:30 – 11:00	Tea break	
11:00 – 11:30	IWRM in the context of Punjab Water Act 2019	Dr. Abdur Rehman Cheema Regional Researcher - Water Governance and Institutional Specialist

		IWMI Pakistan
11:30 – 12:00	Importance of Gender Equality and Social Inclusion (GESI) in IWRM	Hafsa Aeman Senior Research Officer - Geoinformatics IWMI Pakistan
12:00 – 13:00	Application of IWRM: Water allocation framework for better water usage in a locality	Dr. Muhammad Arshad
13:00 – 14:00	Lunch and Prayer Break	
14:00 – 14:45	Group Work Future water allocation for Okara district for agriculture, urban water, industry, and environment/ecosystems (a) Group discussion (b) Presentations	Moderated by Dr. Abdur Rehman Cheema
14:45 – 15:00	Vote of Thanks	
Tea		

For more information about WRAP Programme Component 1: CRS-IWaG

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