

Hisaar Foundation Programs & Projects

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Council Member
Hisaar Foundation



A young girl with dark hair, wearing a blue school uniform and a white shawl, is leaning over a white wall-mounted water tap. She is smiling and drinking water from her hands. The background shows a window with a metal grid. The text "WATER IS LIFE AND IT IS EVERYONE'S RESPONSIBILITY" is overlaid in white, bold, sans-serif font.

WATER IS LIFE
AND IT IS
EVERYONE'S RESPONSIBILITY

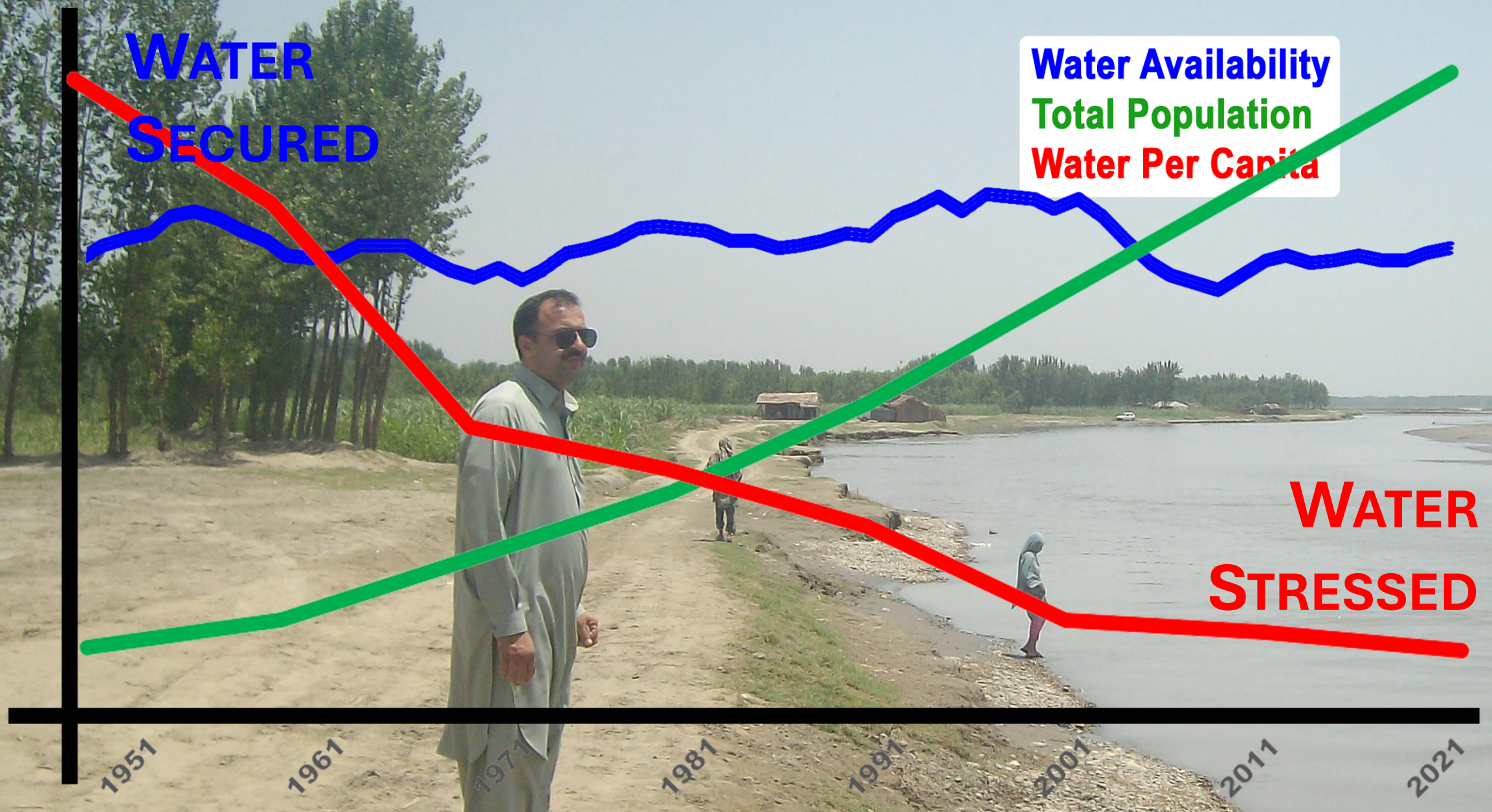
SEVERE WATER CRISIS EXISTENTIAL THREAT



**WATER
SECURED**

Water Availability
Total Population
Water Per Capita

**WATER
STRESSED**



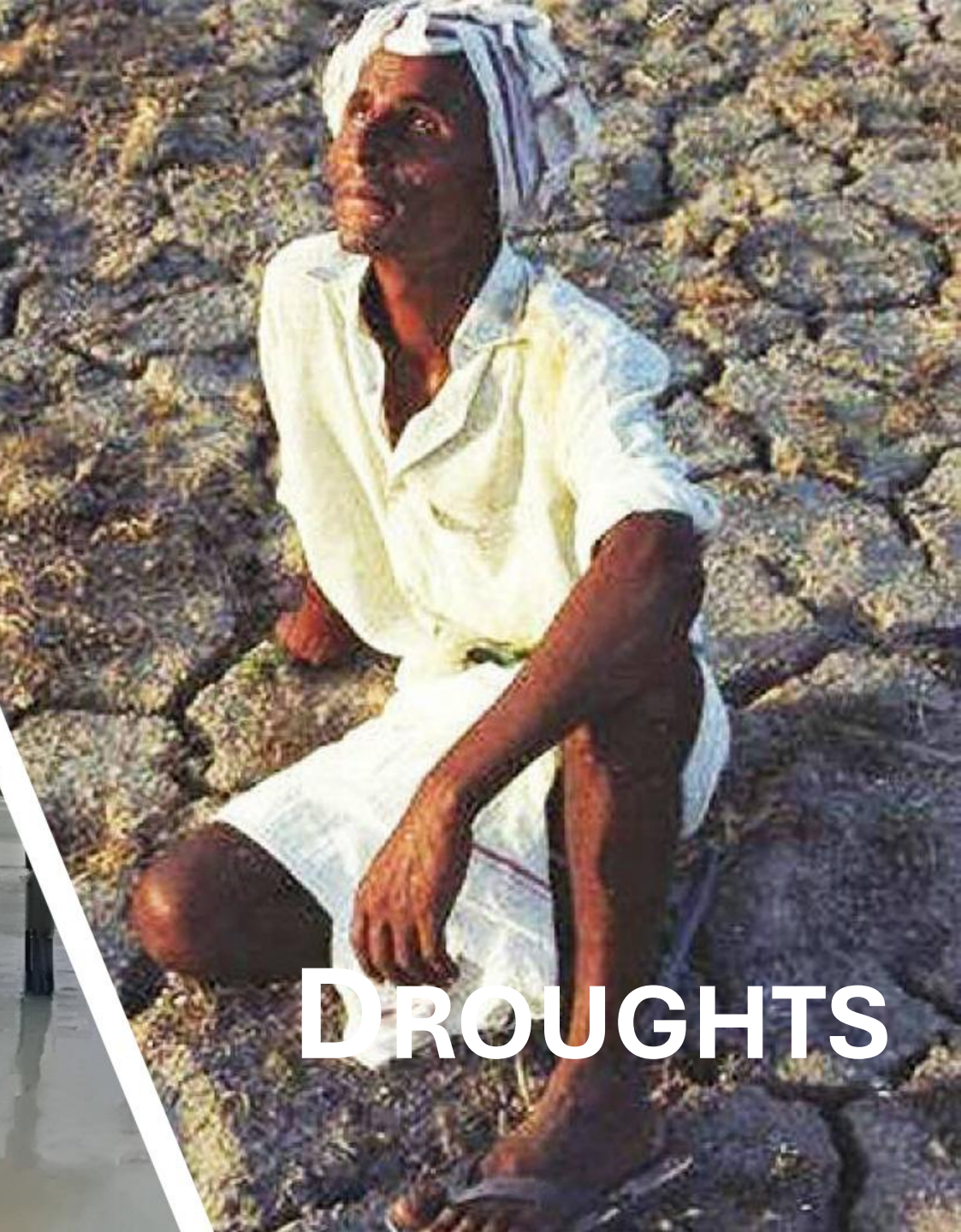


CLIMATE CHANGE


UNPREDICTABLE WEATHER CONDITIONS



FLOODS



DROUGHTS

A young child with a thin, stunted physique is being fed from a blue plastic cup by an adult's hands. The child has a serious expression and is looking slightly to the side. The background is blurred, showing what appears to be a hospital or clinic setting with other people and colorful fabrics.

**WATERBORNE
DISEASES**
(40% DEATHS)

**STUNTED
GROWTH**
(60%)

FLOOD IRRIGATION

93% for Agriculture

**OUTDATED
PRICING**



WATER POLLUTION

61% No Sanitation

80% Lack Safe Drinking Water

92% Urban Water Contaminated

LACK OF WASTE WATER MANAGEMENT

DANGEROUS CONTAMINATION

WATER WASTAGE



حصار



50+ CAMPAIGNS

FLOOD RELIEF

Hisaar Foundation



a foundation for water, food and livelihood security
(set up under section 42 of the companies ordinance 1984)
Approved Non-profit Organization under section 2(36) (c) of the Income Tax Ordinance, 2001



50+ NETWORKS



Hisaar Foundation

a foundation for water, food and livelihood security

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**WOMEN AND WATER NETWORK
UNIVERSITIES FOR WATER NETWORK
AREA MANAGEMENT PARTNERSHIPS**





700,000+ TRAINED

350+ WATER SYSTEMS



20,000+ WATER COOLERS





HOMES SCHOOLS MOSQUES OFFICES FACTORIES

PUBLIC AWARENESS CAMPAIGNS

Hisaar Foundation
General Water Conservation Guidelines
 Voluntary Public Awareness Campaign

DID YOU KNOW?


1. 50-65% of the adult human body is made of water
2. Each day we must replace up to 3 litres of water through *drinking water* and the rest through food
3. By 2025, half of the world's population will be living in *water-stressed areas*.
4. Of the 37 major diseases in the developing world 21 are related to *water and sanitation*
5. *Contaminated drinking water* is estimated to cause 502,000 diarrhoeal deaths each year.
6. Leaking taps (one drop/second) waste approximately 3,000 gallons per year
7. 75% of indoor home water use occurs in bathrooms and toilets
8. *Conventional toilets* use over 40% more water than needed

6 SUGGESTIONS FOR MANAGING WATER CONSERVATION

1. Ensure regular maintenance and repair of all water infrastructure
2. *Institute* periodic water audits
3. *Arrange* for reuse of water harvested from the atmosphere (through cooling action of air conditioners where available)
4. In offices, schools and industries *appoint* one or more person to take on water conservation responsibilities
5. *Make* these responsibilities part of department goals, individual goals, and job descriptions
6. *Institute* daily checks of all bathrooms, kitchens, work areas and outdoor spaces to ensure that all taps are closed tight and that there are no leakages before the office or school closes each day

7 THINGS YOU CAN DO

1. *Change* attitudes and behaviour towards the use of water
2. *Close* taps carefully each time after use
3. *Conserve* water, *manage* sanitation and solid wastes at all levels
4. *Reduce* water consumption so that the water saved can be used by others
5. *Extend* a helping hand to the government because they cannot do it alone
6. Be *responsible* and *proactive* citizens, become involved in city affairs for a cleaner and greener city
7. *Support* organizations and institutions that *provide* a platform for *partnering* between citizens and the government



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105+ SCHOOLS



800+ VILLAGES

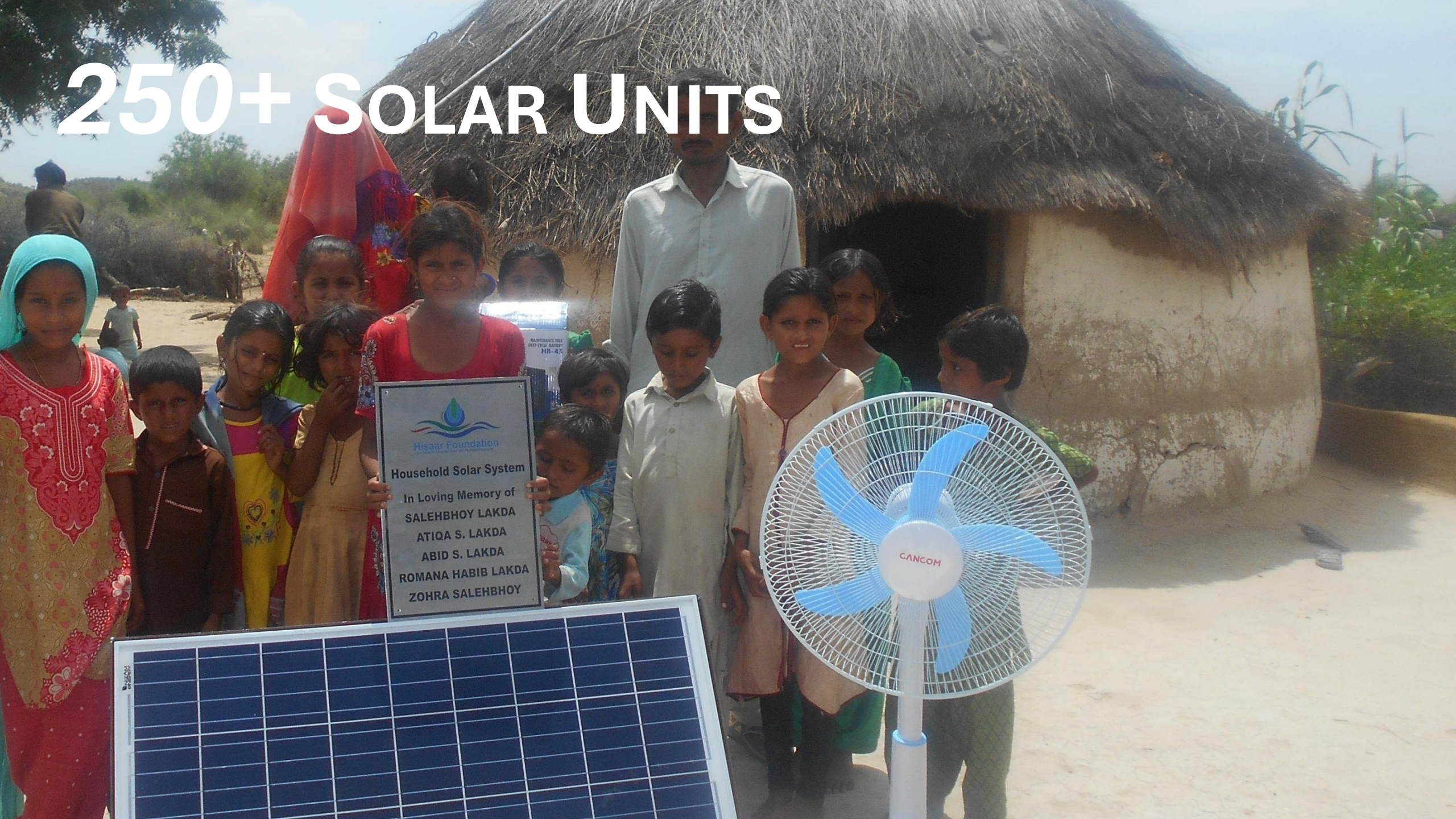
800+ WELLS





100+ COMMUNITY PONDS

250+ SOLAR UNITS




Hisaar Foundation
Household Solar System
In Loving Memory of
SALEHBHOY LAKDA
ATIQA S. LAKDA
ABID S. LAKDA
ROMANA HABIB LAKDA
ZOHRA SALEHBHOY

MAINTENANCE FREE
DAILY VOLTAGE MONITOR
HB-4P

CANCOM



20+ VILLAGES ADOPTED



2,000,000+ BENEFICIARIES

THINK TANK

ON THE RATIONAL USE OF WATER



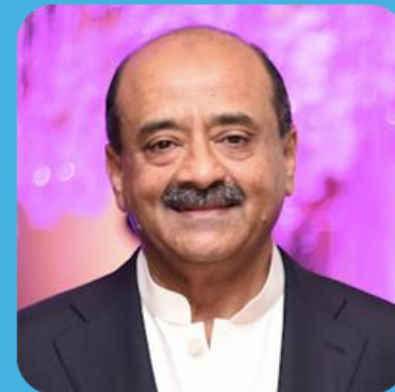
THINK TANK

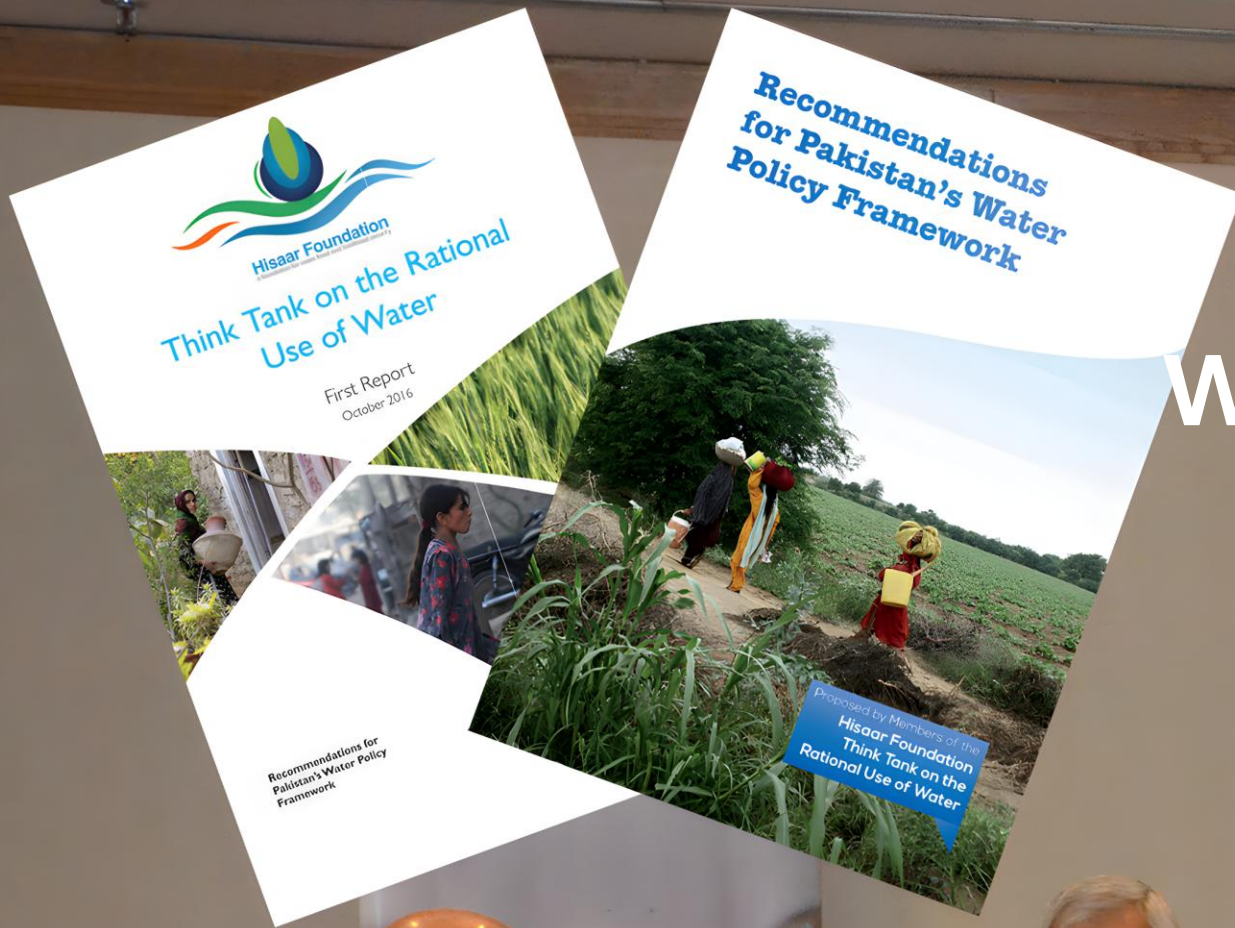
ON THE

RATIONAL USE OF WATER



**WATER SPECIALISTS
ECONOMISTS
ACADEMICIANS
AGRICULTURISTS
LEGAL EXPERTS
BUSINESS EXECUTIVES
MEDIA CONSULTANTS**





CITIZENS WATER POLICY WATER ECONOMY OF PAKISTAN DROUGHT MANAGEMENT URBAN WATER MANAGEMENT MILLION PONDS INITIATIVE



GROUP
tional Water
ment Institute
JBL
you come first
et
THARDEEP
RAASTA
FM

1st
Karachi International
Water Conference
**Water Cooperation
in Action -
From the Global to
the Grassroots**

2013

2nd
Karachi International
Water Conference
**Securing
Sustainable Water
For All**

2015

3rd
Karachi International
Water Conference
**The
Future of Water**

2017

4th
Karachi International
Water Conference
**Water-Energy-Food
Nexus:
Agenda for the
21st Century**

2019

5th
Karachi International
Water Conference
**Climate Change
& Pandemic:
Impact on Water**

2021

6th
Karachi International
Water Conference
**Water Matters:
Bring Water Back to
Climate Discourse**

2023

KARACHI INTERNATIONAL WATER CONFERENCE





1,200+ DELEGATES

CAFÉ OF THE UNHEARD



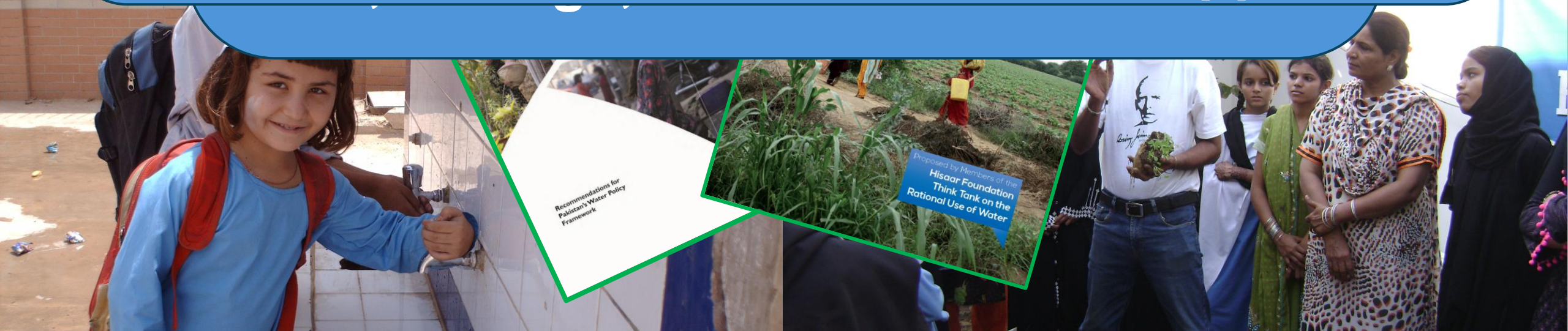


WATER PEOPLE HEALTH

Coping with the Floods



**Continue this Short-term Approach
or
Invest in an Institutional & Inclusive Approach**



WATER PROFESSIONALS



GOVERNMENT

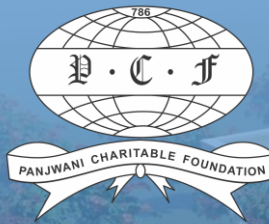
AGRICULTURE

INDUSTRY

ECONOMIC ACTIVITY

CHANGE THE MINDSET





PANJWANI CHARITABLE FOUNDATION



NED UNIVERSITY OF ENGINEERING & TECHNOLOGY



HISAAR FOUNDATION

PANJWANI-HISAAR WATER INSTITUTE



Mujawani - Meeqar
Water Institute

مستقرتوں کی
MUKHAMMAD ZUBAIR
مستقبلہ تعمیراتی سہولت
May 2018
Engineering and Technology Council

GROUNDBREAKING CEREMONY

GRAY STRUCTURE COMPLETED



INTEGRATE ISOLATED NODES OF:

- ENGINEERING
- WATER SCIENCES
- ECONOMICS
- SOCIAL & BEHAVIORAL SCIENCES

5 STATE OF THE ART LABS

PANJWANI HISAAR
WATER INSTITUTE
N.E.D UNIVERSITY

PANJWANI-HISAAR WATER INSTITUTE
NED UNIVERSITY OF ENGINEERING & TECHNOLOGY



WATER QUALITY TESTING LAB

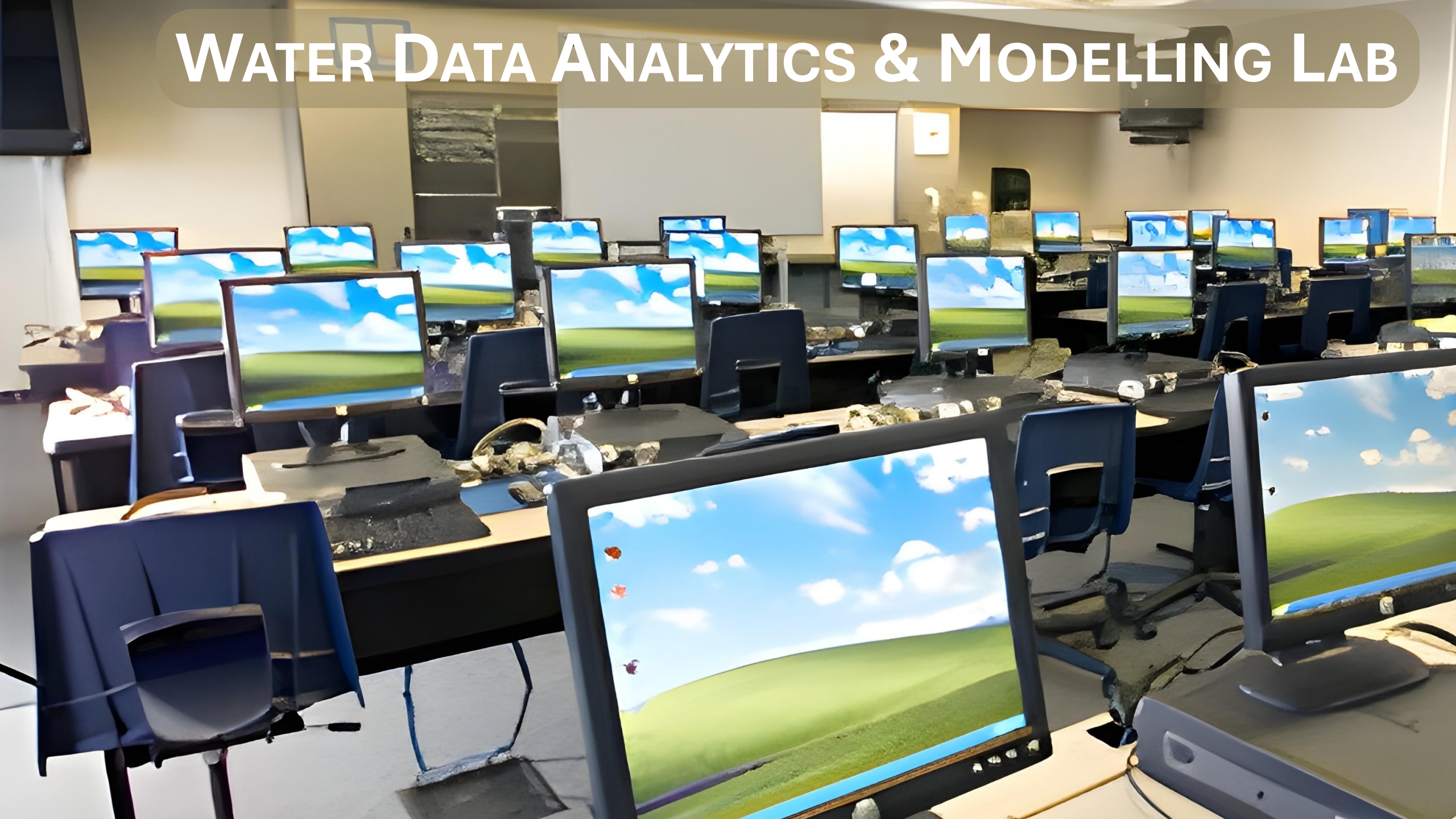


ECOLOGY & REMEDIATION LAB

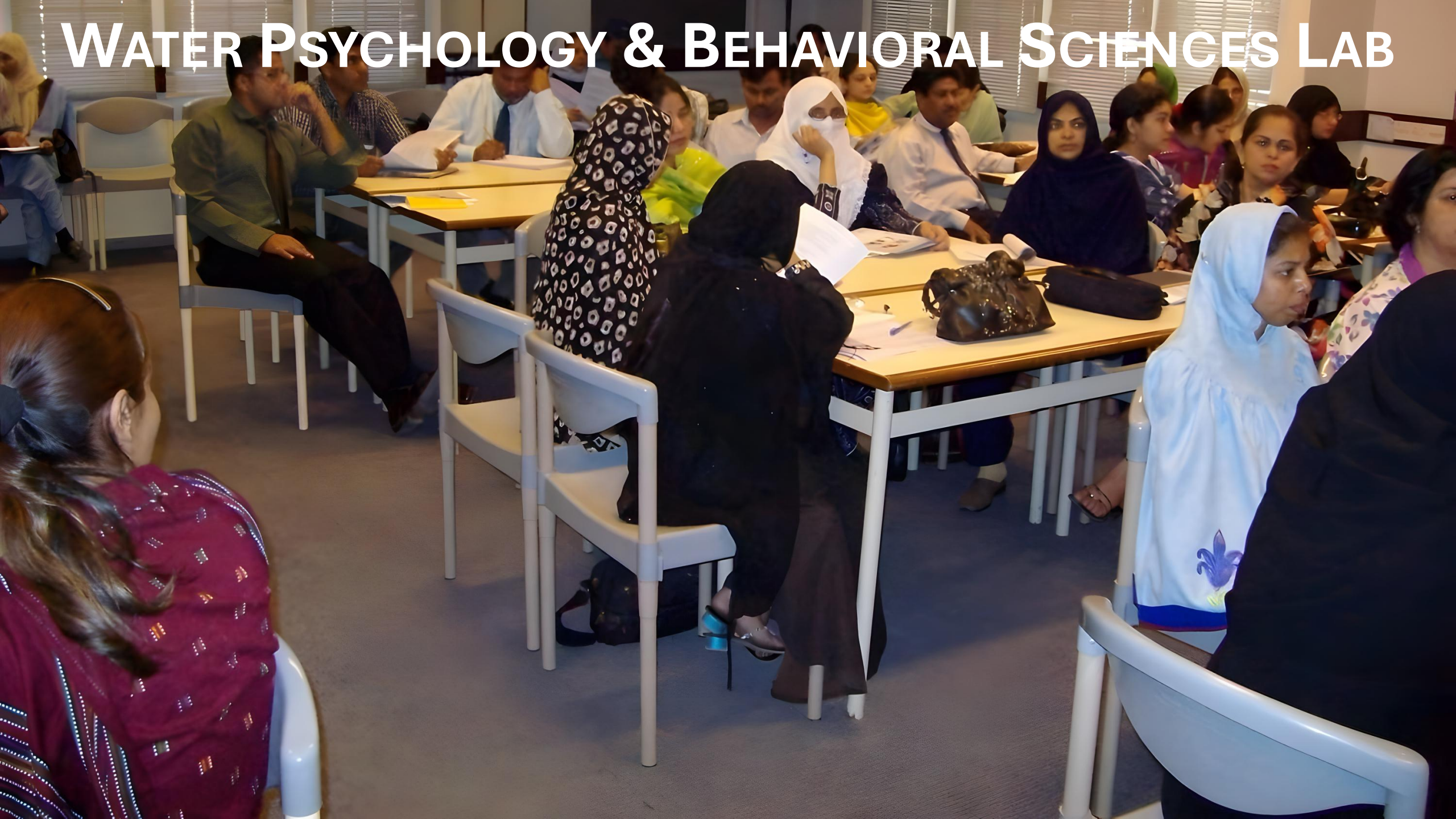


COASTAL & RIVERINE HYDRAULICS LAB

WATER DATA ANALYTICS & MODELLING LAB



WATER PSYCHOLOGY & BEHAVIORAL SCIENCES LAB





SHORT COURSES

GOVERNMENT

BUSINESS

AGRICULTURE

INDUSTRY

Public
Private
Partnership

ar
te



**ADMISSIONS OPEN FOR
SPRING SEMESTER 2024**



**ADMISSIONS OPEN
FOR SPRING
SEMESTER 2024**

LAST DATE TO APPLY FEB 9TH

**MASTERS AT THE
PANJWANI-HISAAR WATER INSTITUTE**

Pursue your Water Career at PHWI
Masters of Engineering in
COASTAL AND WATER RESOURCES

Masters of
Engineering Management
in
**URBAN
WATER
MANAGEMENT**

at the Panjwani Hisaar Water Institute
NED University of Engineering and Technology



Master's Degree in Urban Water Management Will Provide The Knowledge, Skills, and Expertise to Address Complex Water Related Challenges and Contribute to the Sustainable Development of Urban Areas

Apply NOW!
Admissions open for
SPRING 2024

Masters of
Engineering Management
in
**CLIMATE
CHANGE
MANAGEMENT**

at the Panjwani Hisaar Water Institute
NED University of Engineering and Technology



Designed to Provide the Graduates with a Solid Foundation on how the Climate System Works and have the Ability to Analyze Hydro-climatic Data, Planning and Mitigation, and Science Communication across the Country and Globally.

Apply NOW!
Admissions open for
SPRING 2024



Fundamentally Change

the way we

Plan, Manage, Conserve & Value Water



WATER IS LIFE
AND IT IS
EVERYONE'S RESPONSIBILITY



**LET US MAKE PAKISTAN A
WATER SECURE COUNTRY**