

TRAINING COURSE on

Household Water Treatment & Safe Storage (HWTS)

HURRY UP!
25 Seats Available

The online workshop is a prerequisite for attending face-to-face training.



1. Introduction

Centre for Affordable Water and Sanitation Technology (CAWST) is a Canadian charity and licensed engineering firm founded in 2001 that provides training and consulting to various clients throughout 63 countries, worldwide. CAWST works directly with populations in developing countries which lack access to clean water and basic sanitation through building the knowledge and skills of the local populace on solutions that can be implemented at the household and community level.

Empowerment thru Creative Integration (ECI) is a certified development consultancy firm working in the development sector in Pakistan since 1989 with the mission of developing capacities of individuals and institutes in order to bring about socio-economic transformation in their respective areas.

This online course introduces the fundamental concepts of Household Water Treatment and Safe Storage to a wide audience. Through this course, we hope that you will be able to learn about the fundamentals of HWTS, and then apply these concepts to your projects and individual contexts.



Audience

A great learning opportunity for representatives from government ministries and departments, fellows from diverse NGOs, and private sector actors, including suppliers of HWTS technologies.



Date & Time

5 Weeks (1 hour online and 2 hours offline per week)
with 3 days face-to-face Training starting from 10th November 2022
For online time:
10:00AM - 11:00AM PST



Venue for face-to-face training

**14-16
December**

Grand Regency Hotel

1-Club Road, Rawal Dam Chowk, Islamabad

Tel: 051-2823047 | 051-227621-22

<https://goo.gl/maps/UZw5BZhH3KDDeRsB8>

2. Key Features of Training Course

**Subsidized
Training @ PKR
12,000/- Only**
(excl. of Logistic cost)

01

**International
Training**

02

**International
Certificate**

03

**Interaction with
International
Trainer & Expert**

04

3. Course Overview

Course outline:

In this course, 12 online modules break down the fundamental concepts of Household Water Treatment and Safe Storage into short learning segments

Objectives:

By the end of the course, you will be able to:

- Describe household water treatment and safe storage and the important role it can play in providing households with a regular supply of clean drinking water
- Describe the multi-barrier approach as a way of protecting water from the water's source to the user's glass
- Describe specific HWTS technologies and select appropriate technologies for your own contexts
- Describe some of the approaches being used to encourage households to consider HWTS as an option to providing clean drinking water
- Demonstrate how to construct and install a Bio-Sand Filter
- Demonstrate the operation and maintenance of a Bio-Sand Filter
- Describe the relationship between water and health
- Explain the need for education on household water treatment, hygiene and sanitation

Topics include:

- An Introduction to Household Water Treatment and Safe Storage
- Common HWTS Myths and Misconceptions
- The six components of the Multi Barrier Approach to Safe Drinking Water
- Information modules for specific HWTS technologies and practices
- Key factors to consider for successful implementation of a HWTS program
- What is Correct, Consistent and Continued Use of HWTS

Course schedule:

| Week | Dates | Topics |
|-----------------|-----------------------|---|
| Pre-course work | 07 November 2022 | Sharing of login details and getting started with TalentLMS |
| Week 1 | 10 - 16 November 2022 | What is Household Water Treatment and Safe Storage (HWTS) (Zoom Meeting) |
| Week 2 | 17 - 23 November 2022 | HWTS and multi-barrier approach to safe drinking water (Zoom Meeting) |
| Week 3 | 24 - 30 November 2022 | HWTS treatment methods (Zoom Meeting) |
| Week 4 | 01 - 07 December 2022 | Successful implementation of HWTS program (Zoom Meeting) |
| Week 5 | 08 - 16 December 2022 | Grace time to complete the modules and collection of final question and answers Face-to-face training (in-person meeting) Course completing Webinar and release of course certificate |

Emily joined CAWST

in September 2021 as a Global Water, Sanitation and Hygiene (WASH) Advisor, supporting the Asia region. She holds a Bachelor of Science in Environmental Science and a Master of Environmental Science, both from Taylor University. Throughout Emily's career, she has alternated between working in disaster settings and managing long-term sustainable programs in the Caribbean, South and Southeast Asia, and East Africa. Since starting with CAWST, she continues to support our partners in Asia, and conduct training events virtually and in-person.



Saleema joined

CAWST in April 2021 as a Global Learning Advisor, shortly after moving to Canada from Bangladesh. She attended Bangladesh University of Engineering and Technology and studied Civil Engineering. Previously, she worked as a Research Officer at the International Training Network (ITN-BUET) and collaborated with leading organizations in the WASH sector of Bangladesh. She has co-authored peer-reviewed research papers focusing on learnings and outcomes from capacity building training programs and projects.



4. Registration, Fee and Contact Details

Last Date of Registration

Applications must be submitted on or before 7th November, 2022

Registration Form

The registration form is available at:

<https://docs.google.com/forms/d/e/1FAIpQLSdSHfIU7CnWAnxCz227fqlBBXgC2gP1XiGpCKZCPV4o-QaeTg/viewform?vc=0&c=0&w=1&flr=0>

Mode of Payment

A/C Title: ECI Private Limited
A/C No. 0234-1004781004
Bank Alafah
Options: cheque deposit, Cash deposit, and online transfer,
Please WhatsApp receipt at
0333-9973627

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