

Training Agenda

Safe Use of Wastewater



ReWater MENA Project: More and Safer Water Reuse in Middle East and North Africa

(30th May- 09th June) 2021

Virtual Training

(9:00 am-1:00 pm)

Amman Time

Time	Activity
Day One (30^h May 2021)	
Governance and Reuse Safety Plans	
09:00-09:15	Opening session: - IWMI Representative: Dr. Amgad Elmahdi, Head of MENA Region-IWMI - ACWUA Representative: Eng. Khaldon Khashman, ACWUA Secretary General
09:15-09:25	ReWater MENA Project Presentation Dr. Nisreen Lahham, ReWater MENA Project Manager
09:25-09:30	Pre Evaluation
09:30-12:00	Module 1: Introduction to reuse/sanitation safety planning and governance system
12:00-01:00	Module 2: Prepare for reuse/sanitation Safety Plan
Day Two (31st May 2021)	
09:00-11:30	Module 3: Describe the existing sanitation system
11:30-01:00	Module 4: Identify hazardous events, assess existing control measures and exposure risks
Day Three (01st June 2021)	
09:00-11:00	Module 5: Develop an incremental improvement plan
Water Reuse Technologies	
11:00-11:45	Module 1: Wastewater collection technologies (onsite and conventional)
11:45-12:45	Module 2: Wastewater treatment technologies (primary, secondary, tertiary treatment)
12:45-01:00	Post Evaluation & Training Course Evaluation
Day Four (02nd June 2021)	
Water Reuse Technologies	
09:00-09:10	Pre Evaluation
09:10-10:00	Module 3: Reuse applications (aquaculture, landscaping, groundwater recharge and agriculture)
10:00-12:00	Module 4: Efficient Irrigation System Adapted to Dry Climate and to Treated Wastewater
12:00-01:00	Module 5: Water Management Strategies to Determine the Optimal Irrigation Amount and Schedule with Different Water Types (including treated wastewater)
Day Five (03rd June 2021)	
09:00-10:00	Con. Module 5: Water Management Strategies to Determine the Optimal Irrigation Amount and Schedule with Different Water Types (including treated wastewater)
10:00-11:30	Module 6: Fertigation Management to Optimize the Required Fertilizer Input Considering the Nutrient Input from Irrigation with Treated Wastewater

11:30-12:45	Module 7: Monitoring of Electrical Conductivity (proportional to salt concentration) in the Irrigation Water and in Irrigated Soil
12:45-01:00	Post Evaluation & Training Course Evaluation
Day Six (06th June 2021)	
Assessing the Economic Feasibility for Integrated Wastewater Reuse (WWR) Projects: From Formulation to Reporting	
09:00-09:10	Pre Evaluation
09:10-11:00	Module 1: Project Preparation and Formulation Related to WWR Projects
11:00-01:00	Module 2: Identification and Estimation of the Project Cost and Benefits
Day Seven (07th June 2021)	
09:00-12:00	Module 3: Project Analysis, Feasibility and Profit Indicators Using Cost Benefit Analysis Techniques
12:00-01:00	Module 4: Environmental Valuation and Innovative Financing Endeavors for WWR Projects
Day Eight (08th June 2021)	
09:00-10:30	Con. Module 4: Environmental Valuation and Innovative Financing Endeavors for WWR Projects
10:30-12:30	Module 5: Reporting and Presenting the Project Results
12:30-12:45	Post Evaluation & Training Course Evaluation
Day nine (09th June 2021)	
Stakeholders acceptance and gender integration in reuse interventions	
09:00-09:10	Pre Evaluation
09:10-10:00	Module 1: Methods to increase their acceptance of a given reuse project
10:00-11:00	Module 2: Methods to understand, analyze and consider women and men interests' when formulating reuse projects and policies
11:00-12:00	Module 3: Introduction of the Concept of gender mainstreaming in water and sanitation and why Gender is Central to Water and Sanitation?
12:00-12:45	Module 4: Main issues of concern and recommended areas of action
12:45-01:00	Post Evaluation & Training Course Evaluation
End of the Training	