

Training Agenda

Safe Use of Wastewater



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

(31th May- 10th June) 2021

Virtual Training

(1:00 pm – 5:00 pm)

Amman Time

Time	Activity
Day One (31st May 2021)	
Governance and Reuse Safety Plans	
01:00-01:15	Opening session: - IWM Representative: Dr. Amgad Elmahdi, Head of MENA Region-IWMI - ACWUA Representative: Eng. Khaldon Khashman, ACWUA Secretary General
01:15-01:25	ReWater MENA Project Presentation Dr. Nisreen Lahham, ReWater MENA Project Manager
01:25-01:30	Pre Evaluation
01:30-04:00	Module 1: Introduction to reuse/sanitation safety planning and governance system
04:00-05:00	Module 2: Prepare for reuse/sanitation Safety Plan
Day Two (01st June 2021)	
01:00-03:30	Module 3: Describe the existing sanitation system
03:30-05:00	Module 4: Identify hazardous events, assess existing control measures and exposure risks
Day Three (02nd June 2021)	
01:00-02:00	Module 5: Develop an incremental improvement plan
Water Reuse Technologies	
02:00-02:45	Module 1: Wastewater collection technologies (onsite and conventional)
02:45-03:45	Module 2: Wastewater treatment technologies (primary, secondary, tertiary treatment)
03:45-05:00	Post Evaluation & Training Course Evaluation
Day Four (03rd June 2021)	
Assessing the Economic Feasibility for Integrated Wastewater Reuse (WWR) Projects: From Formulation to Reporting	
01:00-01:10	Pre Evaluation
01:10-03:00	Module 1: Project Preparation and Formulation Related to WWR Projects
03:00-05:00	Module 2: Identification and Estimation of the Project Cost and Benefits
Day Five (04th June 2021)	
01:00-04:00	Module 3: Project Analysis, Feasibility and Profit Indicators Using Cost Benefit Analysis Techniques
04:00-05:00	Module 4: Environmental Valuation and Innovative Financing Endeavors for WWR Projects
Day Six (07th June 2021)	
01:00-02:30	Con. Module 4: Environmental Valuation and Innovative Financing Endeavors for WWR Projects

02:30-04:30	Module 5: Reporting and Presenting the Project Results
04:30-04:45	Post Evaluation & Training Course Evaluation
Day Seven (08th June 2021)	
Water Reuse Technologies	
01:00-01:10	Pre Evaluation
01:10-02:00	Module 3: Reuse applications (aquaculture, landscaping, groundwater recharge and agriculture)
02:00-04:00	Module 4: Efficient Irrigation System Adapted to Dry Climate and to Treated Wastewater
04:00-05:00	Module 5: Water Management Strategies to Determine the Optimal Irrigation Amount and Schedule with Different Water Types (including treated wastewater)
Day Eight (09th June 2021)	
01:00-02:00	Con. Module 5: Water Management Strategies to Determine the Optimal Irrigation Amount and Schedule with Different Water Types (including treated wastewater)
02:00-03:30	Module 6: Fertigation Management to Optimize the Required Fertilizer Input Considering the Nutrient Input from Irrigation with Treated Wastewater
03:30-04:45	Module 7: Monitoring of Electrical Conductivity (proportional to salt concentration) in the Irrigation Water and in Irrigated Soil
04:45-05:00	Post Evaluation & Training Course Evaluation
Day nine (10th June 2021)	
Stakeholders acceptance and gender integration in reuse interventions	
01:00-01:10	Pre Evaluation
01:10-02:00	Module 1: Methods to increase their acceptance of a given reuse project
02:00-03:00	Module 2: Methods to understand, analyze and consider women and men interests' when formulating reuse projects and policies
03:00-04:00	Module 3: Introduction of the Concept of gender mainstreaming in water and sanitation and why Gender is Central to Water and Sanitation?
04:00-04:45	Module 4: Main issues of concern and recommended areas of action
04:45-05:00	Post Evaluation & Training Course Evaluation
End of the Training	