

Schedule of SWM Training

WEEK-1							
Time	Activity	Day-1	Day-2	Day-3	Day-4	Day-5	
8:00-8:30	Warm up Coffee						
08:30-10:00	Presentation	Introduction	Analysis of SW Characteristics	Handling, Separation, Storage & Processing	Environmental Laws	Field Visit (City District Government Lahore)	
10:00-10:30	Q/A Session						
10:30-11:00	Tea Break						
11:00-12:00	Presentation	Types of Solid Waste, Characteristics of Solid Waste	3R's Approach	Collection of Solid Waste	Role of Compliance Agencies		
12:00-12:15	Q/A Session						
12:15-01:00	Presentation	Guest Speaker (Effect of Urban life/Dev on Waste streams)	Guest Speaker (Waste as a Heterogeneous material)	Guest Speaker (role of Scavengers')	Guest Speaker (PEPA 1997)		
01:00-01:15	Q/A Session						
01:15-02:15	Lunch & Prayer						
02:15-03:00	Presentation	Generation of Solid Waste and recycling trends in Pakistan	Case Studies of LHR, FSB, RWP	Collection Routes	Estab. of SWM laws in Pakistan		
03:00-03:15	Q/A Session						
03:15-04:00	Video Session /Assignment						

^x Assignment	What is being done in your community for management of Solid Waste? In your opinion what improvement should be done?						
^x Video	Introduction to Solid Waste (15 min)						
Time	Activity	Day-1	Day-2	Day-3	Day-4	Day-5	
08:30-10:00	Presentation	Treatment of Solid Waste	Intro. to Modern Methods of Solid Waste Management	Waste to Energy (WTE)	Public Private Partnership (PPP)	Field Visit (Lahore Compost)	
10:00-10:30	Q/A Session						
10:30-11:00	Tea Break						
11:00-12:00	Presentation	Municipal Solid Waste Treatment Technologies	Composting	Refuse Derived Fuel (RDF)	Public Private Partnership Act 2010		
12:00-12:15	Q/A Session						
12:15-01:00	Presentation	Guest Speaker (Treatment Integrated Waste Management)	Guest Speaker (Environmental Hazards of hospital Waste)	Guest Speaker (Lahore Compost) (WASTE BUSTERS)	Guest Speaker (Opportunities of investment in SWM sector)		
01:00-01:15	Video Session						
01:15-02:15	Lunch & Prayer						
02:15-03:00	Presentation	Hospital Waste Management Technologies	Waste management for agricultural/animal Waste. "Trends in Pakistan"	Biogas and Case Studies of WTE,RDF & Biogas in Pakistan	PPP projects in Pakistan		
03:00-03:15	Q/A Session						
03:15-04:00	Assignment ^x						

^x Assignment	Why have SWM practices being so slow in developing countries? Will changes come more quickly in future? Explain how?					
^x Video	Japan Solid Waste Management (15 min)					

Schedule of SWM Training

WEEK-3						
Time	Activity	Day-1	Day-2	Day-3	Day-4	Day-5
08:30-10:00	Presentation	Disposal of Solid Waste	Sanitary Landfill and its construction	Landfill Closure & Rehabilitation	Environmental Monitoring & Standards for a Landfill Site	Field Visit (Landfill site & Packages)
10:00-10:30	Q/A Session					
10:30-11:00	Tea Break					
11:00-12:00	Presentation	Disposal Technologies	Guidelines for the selection of a Sanitary Land fill	Guest Speaker (Landfill Operation)	Land use options & rules and its implications in Pakistan	
12:00-12:15	Q/A Session					
12:15-01:00	Presentation	Guest Speaker (Environmental hazard of open dumping)	Guest Speaker (SWM ideas for Lahore LWMC)	Environmental Issues & Mitigation	Guest Speaker (Preparation of a EMP)	
01:00-01:15	Assignment ^x					
01:15-02:15	Lunch & Prayer					
02:15-03:00	Presentation	Disposal trends Solid Waste in Pakistan.	Landfill Barrier System	Environmental Impact Assessment	Impacts of improper land filling on the waters of Pakistan.	
03:00-03:15	Q/A Session					
03:15-04:00	Video Session					

^x Assignment	Prepare a environmental impact assessment matrix for Mahmood Booti dumping site?
^x Video	Environment & Solid Waste Awareness video (15 min)

WEEK-4							
Time	Activity	Day-1	Day-2	Day-3	Day-4	Day-5	
08:30-10:00	Presentation	SWM Action Plan	Role Of Stakeholders(Public Participation)	Field Visit Shoukat Khanum/ Shalimar Hospital/Waste Busters	Role of Urban Unit in SWM of Punjab	Evaluation Test	
10:00-10:30	Q/A Session						
10:30-11:00	Tea Break						
11:00-12:00	Presentation	Developing a SWM action plan	How to design a Environmental Awareness campaign wrt Solid Waste		Future Milestones & Projects Urban Unit Lahore	Group Discussions And Conference with SWM Experts from different fields of life	
12:00-12:15	Q/A Session						
12:15-01:00	Presentation	Guest Speaker (SWM Action Plan for Naran)	Guest Speaker (Communication skills & techniques)		Guest Speaker (EPD role in SWM)		
01:00-01:15	Q/A Session						
01:15-02:15	Lunch & Prayer						
02:15-03:00	Presentation	Constraints in Implementation of a SWM Action Plan & Its Solutions	WWF Environmental Education Programme		Case Studies from UU Publication/Reports on SWM	Participants Presentation & Certificate Distribution	
03:00-03:15	Q/A Session						
03:15-04:00	Video Session /Assignment ^x						
					Q/A Session	Ending Note by PD	
					Video	HI TEA & Ending	

^x Assignment	Prepare a Solid Waste Management Action Plan fro the proposed areas? Design a communication strategy for public awareness about SWM in Lahore?
^x Video	Japan Solid Waste Management (15 min)