

PARTICIPANTS

This is a specialized course to impart knowledge and skill to address solid waste management problems in Bangladesh. The course is designed for WSS professionals engaged in environmental sanitation areas. The participants are required to be a graduate preferably in environmental science front. The professionals with practical work experience in waste management problems can attend the course.



RESOURCE PERSONS

ITN Centre's Resource Pool and professionals having long experience in the field of environmental sanitation will provide expertise services during the course.

REGISTRATION

Persons interested to undertake the course are required to register their names to the ITN Centre. The number of seat is limited and registration shall be on a first-come first-serve basis.

Registration fee is inclusive of the following:

Course Materials, Notes & Hand-outs, Lunch and refreshments, Certificate from ITN-Bangladesh. For further information please contact the Course Coordinator:

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ITN-BUET
Centre for Water Supply and Waste Management



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Training Course on Solid Waste Management



COURSE OUTLINES

- Introduction to SWM
- Issues, Challenges and Options of SWM in Bangladesh
- Present Practice of SWM in Dhaka City
- Characteristics of Solid Waste and Resource Recovery (Recycling, Reuse)
- Waste Pickers Livelihood in the Process of SWM
- Case Studies and Exposure Visits to SWM System
- SWM in Secondary Towns and Cities
- Social dimension and innovation in SWM Practices

At present a large section of the professionals are not acquainted with the challenges of SWM. To build capacity on SWM International Training Network Centre, BUET (ITN-BUET) has included this topic in its training agenda to organize training programme as a routine course for the sector professionals.

Training Course on Solid Waste Management

BACKGROUND

Waste Management poses manifold challenges. Most local governments and urban agencies have, time and again, identified particularly solid waste management as a major problem that has reached proportions requiring drastic measures. Today many municipal governments devote 20 to 40 per cent of their annual budget to collecting, transporting and disposing solid wastes. We can observe three key trends with respect to solid waste:

- Increase in sheer volume of waste generated by urban residents
- Change in the quality or

make-up of waste generated, and

- The disposal/method of waste collected, by land-



fill, incineration etc.

It is critical to adopt a broad approach in developing a working framework for solid waste management (SWM). This covers the social, economic, technology, political and administrative dimensions.

For instance the social dimension of SWM involves waste minimization; the economic dimension of SWM involves waste recycling; the technology dimension of SWM involves waste disposal; and the political and administrative dimensions cut across all the three issues of minimization, recycling and disposal

But SWM is not an isolated phenomenon that can be easily compartmentalized and solved with innovative technology or engineering. It is particularly an urban issue that is closely related, directly or indirectly, to a number of issues such as

urban lifestyles, resource consumption patterns, jobs and income levels, and other socioeconomic and cultural issues. All these issues have to be brought together on a common platform in order to ensure a long-term solution to Solid waste.

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OBJECTIVES

The main objective of this training course is to orient and to expand knowledge base of the participants on challenges of waste management and different approaches to address the challenges.

More specifically:

- To understand the linkage of waste, environment & health
- To focus on issues of waste recycling & resource recovery
- To share lessons learnt from National & International waste management projects
- To identify the barriers in the effective implementation of policies & regulations in waste management
- To gain knowledge of environmental, economic & social impacts of solid waste management