



SHORT COURSE ON SOLID WASTES
COLLECTION AND DISPOSAL

EMRO 134

Damascus, 20-30 May 1968

Lecture No.19

Making a Wastes Survey and Plan

- I. General requirement of study
 - A. Ascertain existing conditions
 1. Responsibility for collection and disposal
 2. Collection practices
 3. Disposal facilities
 - B. Area to be served
 1. Population density and location
 2. Center of gravity of population
 3. Theoretical locations of disposal sites
 4. Practical locations for disposal site
 - C. Quantity of refuse
 1. Residential
 2. Commercial
 3. Industrial
 4. Projection of quantities
 - D. Collection characteristics
 1. Area considerations
 2. Routing
 3. Public or private
 4. Frequency
 5. Containers
 6. Collection vehicles
 7. Residential, commercial, industrial
 8. Required separation

- E. Disposal methods
 - 1. Feasibility with respect to possible sites
 - a. Acceptance by public
 - b. Geological and meteorological considerations
 - c. Economics
 - 2. Length of time of usefulness
 - a. Alternates
 - b. Future solutions
- F. Special disposal problems
 - 1. Bulky refuse
 - 2. Hazardous refuse
- G. Transfer operations
 - 1. Feasibility
 - 2. Location
- II. Legal considerations
 - A. Regional approach
 - B. Regional legislation
- III. Financial considerations
 - A. Collection costs
 - B. Disposal costs
 - C. Cost to users
 - D. Method of raising funds
- IV. Recommendations based on survey and analysis - outline of collection and disposal plan
- V. Method of implementation
 - A. Steps to be taken
 - B. Priority for each operation
 - C. Time schedule for completion