



SHORT COURSE ON SOLID WASTES
COLLECTION AND DISPOSAL

15 May 1968

Damascus, 20 - 30 May 1968

ENGLISH ONLY

LIST OF BASIC DOCUMENTS

** EM/Wastes Course/A1 Rev. 1	INFORMATION BULLETIN
* EM/Wastes Course/A2 Rev. 1	REVISED SCHEDULE AND CURRICULUM
* EM/Wastes Course/A3	QUESTIONNAIRE
** EM/Wastes Course/A4	DISCUSSIONS ON SPECIAL SOLID WASTES PROBLEMS
* EM/Wastes Course/A5 Rev. 2	LIST OF PARTICIPANTS
* EM/Wastes Course/A6	INTRODUCTION
EM/Wastes Course/A7	LECTURES
EM/Wastes Course/A8	LIST OF SELECTED BIBLIOGRAPHY
EM/Wastes Course/A9	FILM AND FILM STRIPS
EM/Wastes Course/A10	BACKGROUND DOCUMENTS DISTRIBUTED TO PARTICIPANTS

* See final report.

** Not included in this volume.

LECTURES

Lecture No.1	DESCRIPTION OF SOLID WASTES - Prof. E.A. Glysson
Lecture No.2	SOURCES OF SOLID WASTES - Mr. J. Vincenz
Lecture No.3	MEASURING AND PREDICTING QUANTITIES - Prof. E.A. Glysson
Lecture No.4	PUBLIC HEALTH PROBLEMS - Dr. M.Y. Muftah (Ministry of Health)
Lecture No.5	STORAGE AT SOURCE - Mr. R. Carrié
Lecture No.6	PROBLEMS IN MULTISTORY BUILDINGS - Prof. E.A. Glysson
Lecture No.7	SPECIFICATION FOR CONTAINERS - Mr. J. Vincenz
Lecture No.8	COLLECTION POINTS AND FREQUENCIES - Mr. J. Vincenz
Lecture No.9	CHOICE OF TRUCKS - Prof. E.A. Glysson
Lecture No.10	TRANSFER STATIONS - Prof. E.A. Glysson
Lecture No.11	STREET CLEANSING - Mr. J. Vincenz
Lecture No.11A	STREET CLEANSING - Prof. E.A. Glysson
Lecture No.12	TREATMENT AND DISPOSAL METHODS - Mr. J. Vincenz
Lecture No.13	DESIGN AND OPERATION OF INCINERATORS - Prof. E.A. Glysson
Lecture No.14	SANITARY LANDFILL - Prof. E.A. Glysson
Lecture No.15	THE COMPOSTING PROCESS AND MARKETING - Mr. J. Vincenz
Lecture No.16	COMPOSTING SYSTEMS AND EQUIPMENT - Mr. J. Vincenz
Lecture No.17	ON-SITE DISPOSAL AND OTHER METHODS - Prof. E.A. Glysson
Lecture No.18	OTHER METHODS - Mr. J. Vincenz
Lecture No.19	MAKING A WASTES SURVEY AND PLAN - Prof. E.A. Glysson
Lecture No.20	PLANT AND EQUIPMENT MAINTENANCE - Prof. E.A. Glysson
Lecture No.21	PUBLIC RELATIONS - Dr. H.F. Zaghoul
Lecture No.22	LEGISLATION - Prof. E.A. Glysson
Lecture No.23	FINANCING - Mr. J. Vincenz
Lecture No.24	ORGANIZATION - Mr. J. Vincenz
Lecture No.25	STAFFING AND TRAINING - Mr. J. Vincenz
Lecture No.26	WHO PROGRAMME IN SOLID WASTES 1. (see summary in final report)
Lecture No.27	COMPREHENSIVE WASTES MANAGEMENT - Mr. J. Vincenz
Lecture No.28	ADMINISTRATIVE METHODS TO REDUCE WASTES - Prof. E.A. Glysson

CONTRIBUTIONS FROM FIELD STAFF

- EM/Wastes Course/B1 INTERIM REPORT ON THE EXISTING SYSTEM OF REFUSE
COLLECTION AND DISPOSAL, MUNICIPALITY OF
DAMASCUS, SYRIAN ARAB REPUBLIC
by Mr. S. Szabo, WHO Sanitarian
and
by Mr. R.F. Davies, WHO Sanitarian Tutor
- EM/Wastes Course/B2 STUDY OF REFUSE COLLECTION AND DISPOSAL IN THE
CITY OF DAMASCUS, SYRIAN ARAB REPUBLIC
- EM/Wastes Course/B3 EXTRACTS FROM THE REPORT ON "PRELIMINARY STUDY
ON THE COLLECTION AND DISPOSAL OF URBAN SOLID
WASTES IN THE CITY OF DAMASCUS"
by Prof. Eng. Eugenio De Fraja Frangipane, WHO
Consultant

CONTRIBUTIONS FROM PARTICIPANTS

- EM/Wastes Course/C1 DATA ON WASTES FROM QUESTIONNAIRES SUBMITTED BY
PARTICIPANTS
- EM/Wastes Course/C2 SOLID WASTES PROBLEMS IN ADEN
by Mr. Mohamed Saif Thabet, Engineer, Aden
Municipality
- EM/Wastes Course/C3 SOLID WASTE PROBLEMS AND SOLUTIONS IN KHARTOUM
by Mr. Ahmed Ibrahim Idris, Principal School of
Hygiene, Ministry of Health, Khartoum
and
by Mr. Mohamed Abdel Gadir El Habboub, Public
Health Inspector, Khartoum Municipality

EM/Wastes Course/C4

PROBLEMS OF COLLECTION AND DISPOSAL OF SOLID
REFUSE IN CHITTAGONG

by Mr. Mohamed Ibrahim Khan, Executive Engineer
Chittagong Municipality

EM/Wastes Course/C5

METHODS OF DISPOSAL OF SOLID WASTES IN UAR CITIES

by Mr. Mohamed A.H.H. Abed, Director-General,
Department of Public Utilities and Licensing,
Cairo Governorate

and

by Mr. Mohamed M. Agameh, Director-General,
Department of Planning, General Organization
of Housing and Construction, Ministry of
Housing and Public Utilities, Cairo

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SOLID WASTES COLLECTION AND DISPOSAL IN THE CITY
OF BEIRUT

by Mr. Ibrahim J. Samaha, Sanitary Engineer,
Municipality of Beirut

EM/Wastes Course/C7

SOLID WASTES COLLECTION AND DISPOSAL IN THE
REPUBLIC OF SOMALIA

by Mr. M.A. Conny, Head of Building and Lands
Section, Mogadishu Municipality

EM/Wastes Course/C8

SOLID WASTE PROBLEMS IN BAGHDAD

by Mr. Abdul Rassool H. Khayatt, Director of
Sanitary Engineering, Directorate of Preventive
Medicine, Ministry of Health, Baghdad

EM/Wastes Course/C9

THE SOLUTION OF SEWAGE IN TRIPOLI, LIBYA

by Mr. Sifao Saeed Mohammed, Engineer, Sewage
Department, Ministry of Public Works,
Tripoli, Libya

EM/Wastes Course/C10

CLEANSING SERVICES AND REFUSE COLLECTION AND
DISPOSAL IN KUWAIT

by Mr. Mohamed S. El Maousharji, Kuwait
Municipality